



# NEHRU MEMORIAL COLLEGE

(AUTONOMOUS)

(ACCREDITED WITH "A" GRADE BY NAAC)

Puthanampatti - 621 007

Tiruchirappalli District, Tamil Nadu, India

**Dr. A.R. PONPERIASAMY**

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Number of research papers in the journals notified on the UGC/Scopus/Web of Science website during the assessment period 2015-2016 to 2019-2020.

Year	No. of research papers
2019-2020	86
2018-2019	35
2017-2018	33
2016-2017	28
2015-2016	37

22/7/2021  
PRINCIPAL

Dr. A.R. PONPERIASAMY

M.Sc.(Phy), M.Sc., (CS), PGDCA, MCA, M.Phil., Ph.D.,

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Nehru Memorial College (Autonomous)

Puthanampatti-621 007, Tiruchirappalli District



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### 3.4.3 Number of research papers per teachers in the journals notified on UGC

2015-2016

S. No	Title of the Paper	Name of the Authors	Department of Teacher	Name of Journal	Year of Publication	DOI	Scopus/ Web of Science /UGC
1	High pressure studies on the Transport properties and upper critical field ( $H_{c2}$ ) of hole-doped $Pr_{0.8}Sr_{0.2}FeAsO$ iron pnictides	S.Kumararaman, N.R Tamilselvan, K.Murata, Hyoshino	Physics	Journal of superconductivity and novel magnetism	2015-2016	10.1007/s10948-016-3485-3	Scopus
2	Analytical treatment for synchronizing chaos through unidirectional coupling and implementation of logic gates	P.R. Venkatesh, A.Venkayesan, M.Lakshmanan	Physics	Pramana	2015-2016	10.1007/s12043-016-1199-5	Scopus
3	Duffing-van der Pol oscillator type dynamics in Murali-Lakshmanan-Chua (MLC) circuit	K.Srinivasan, A.venkatesa, V.K Chandrasekar, Mohmmmed Raja	Physics	Chaos, Solitons & Fractals	2015-2016	10.1016/j.chaos.2015.11.005	Scopus

4	Effect of asymmetry parameter on the dynamical states of nonlocally coupled nonlinear oscillators	R.Gobal, V.K.Chandrasekar, DV.Senthilkumar, A.Venkatesan, M.Lakshmanan	Physics	Phy. Rev.E	2015-2016	10.1103/PhysRevE.91.062916	Scopus
5	Different types of synchronization in coupled network based chaotic circuits	K.Srinivasan, V.K Chandrasekar, Gladwin pradeep, K.Murali, M.Lakshmanan	Physics	Communication in nonlinear science and numerical simulations	2015-2016	10.1016/j.cnsns.2016.03.002	Scopus
6	Fabrication of Ag <sub>2</sub> SeTe thin films by thermal evaporation	C.Vijayan, M.Pandiaraman, N.So underrajan, R.Chandramohan, S.R amaswamy	Physics	Surface Enginnering	2015-2016	10.1179/1743294414Y.0000000353	Scopus
7	Ethnobotanical, phytochemical and pharmaceutical studies of medicinal plants <i>Ventilago maderaspatana</i> Gaertn Red Creeper: A Review	P.Karuppannan, K.Saravanan	Zoology	<i>Journal of current Pharmaceutical Research</i>	2015-2016	ISSN-0975-7066	Scopus
8	Antihyperlipidemic activity of Biophytum sensitivum extracts in Streptozotocin (STZ) induced diabetic albino rats	Renuka, C., Elavarasi, S., Saravanan, K and Revathi, G	Zoology	International Journal of Pharma and Bio Sciences	2015-2016	ISSN-0975-6299	Scopus
9	Evaluation of toxic effect of traditionally used antidiabetic polyherbal formulation on albino rats	Revathi G., Elavarasi S., Saravanan K	Zoology	International Journal of Pharma and Bio Sciences	2015-2016	ISSN 0975-6299	Scopus

10	Collection and Data mining of bioactive compounds with cancer treatment properties in the plants of fabaceae family	Balan Velusamy, Saravanan.K, Arulpriya.R	Zoology	International journal of Pharma.science and research	2015-2016	ISSN: 0975-8232	Scopus
11	Effect of different animal manure on Vermicomposting of mixed leaves litter by utilizing an exotic earthworm, Eudriluseugeniae.	Viji.J , P. Neelanarayanan	Zoology	International of advanced research	2015-2016	ISSN 2320-5407	Scopus
12	Diversity of Mosquitoes and larval breeding preference based of physio – chemical parameters in western ghats, Tamilnadu, India	Senthamarai Selvan.P, Jebanesan.A., Divya.G and Ramesh.V	Zoology	<i>Asian Pacific Journal of Tropical Medicine</i>	2015-2016	10.1016/S2222-1808 (15)60858-1	Scopus
13	Synthesis, characterization and biological studies of copper(II) complexes of 2-(Piperidin-4-ylmethyl) isoindoline-1,3-dione	M.Ramesh	Zoology	International journal of Pharm Tech research	2015-2016	ISSN: 0974-4304	Scopus
14	Re2O7-catalyzed formal [3+2] cycloaddition for diverse naphtho[1,2-b]furan-3-carboxamides and their biological evaluation	Likai Xia, Akbar Idhayadulla, Young Rok Lee	Chemistry	Molecular diversity	2015-2016	<a href="https://doi.org/10.1007/s11030-015-9630-2">10.1007/s11030-015-9630-2</a>	Scopus

15	Evaluating the In Vitro Antagonism of Secondary Metabolites Fractionated from the Brown Algae, <i>Sargassumswartzii</i> against Human <i>Candida</i> spp	Aseer manilal, Gemechu Amara, Tigist gezmu, Behailu merdekies, sabarathnam balu, A. Ihayadulla	Chemistry	Translation biomedicine	2015-2016	10.21767/2172-0479.100051	Scopus
16	An In Vitro Antibacterial and Cytotoxic Potentials of Bioactive Metabolites Extracted from <i>Padinatetrastromatica</i>	Aseer manilal, mohammedaman mama, Tigist gezmu, Behailu merdekies, shiju easo john, A. Ihayadulla	Chemistry	Translation biomedicine	2015-2016	10.21767/2172-0479.100040	Scopus
17	Microbiological investigation on <i>Vetiveria lawsonii</i>	Viji saral elizabeth, Ravichandren	Chemistry	International Journal of Pharma and Bio Sciences	2015-2016	ISSN 0975-6299	Scopus
18	Synthesis and Biological Evaluation of Diverse Tetrahydrobenzofuran-4-ones as Potent Antibacterial Agents	Likai Xia, Akbar Idhayadulla, Young Rok Lee, sung hong kim, yong jung wee	Chemistry	journal of industrial and engineering chemistry	2015-2016	10.1016/j.jiec.2014.07.035	Scopus
19	Nematicidal, Larvicidal and Antimicrobial activity of some new Mannich base imidazole derivatives	Xiangxiong chen, seug woo lee, A.Idhatadulla, R.surendrakumar, Aseer manilal	Chemistry	Tropical journal of Pharmaceutica l research	2015-2016	10.4314/tjpr.v14i8.16	Scopus
20	Anti-inflammatory activity of novel 1,4-dihydropyridine derivative	A.Idhayadulla, R.Surendrakumar, A.Jamal abdul nasser, S.Kavimani	Chemistry	Pharmaceutical chemistry journal	2015-2016	<a href="https://doi.org/10.1007/s11094-015-1305-x">10.1007/s11094-015-1305-x</a>	Scopus
21	An in vitro antibacterial and anticandidal activity of <i>Sonneratia alba</i> (J. Smith)	Aseer manilal, Behailu merdekios, Tigist gezmu & A.Idhayadulla	Chemistry	Thalassas	2015-2016	Thalassas, 31(2) · July 2015: 67-73	Scopus

22	Environmental biotoxicity screening of some pyrrole and 1,4-dihydropyridine heterocyclic derivatives	A.Idhayadulla, Aseer manilal, Behailu merdekios, R.Surendrakumar	Chemistry	Juornal of applied pharamacuitical science	2015-2016	<a href="https://doi.org/10.7324/japs.2015.50519">10.7324/japs.2015.50519</a>	Scopus
23	Anticonvulsant, analgesic and anti-inflammatory activities of some novel pyrrole and 1,4-Dihydropyridinederivatives	S.Indumathi,R.karthikeyan, A.Jamal, A,Jamal abdul nassar, A.Idhayadulla, R.Surendrakumar	chemistry	Journal chemical and pharmatcuitical research	2015-2016	ISSN : 0975-7384	Scopus
24	An in vitro antagonistic efficacy validation of Rhizophoramucronata	Aseer manilal, Behailu merdekios, A.Idhayadulla, C.Muthukumar	Chemistry	Asian Pacific Journal of Tropical Disease	2015-2016	<a href="https://doi.org/10.1016/S2222-1808(14)60622-8">10.1016/S2222-1808(14)60622-8</a>	Scopus
25	Synthesis of novel three compound imidazole derivatives via Cu(II) catalysis and their larvicidal and antimicrobial activities	Abdullah alaklab, R.surendrakumar, Anis ahamed, ibrahim A.Arif, Aseer manilal, A.Idhayadulla	Chemistry	monatshefle fur chemie	2015-2016	10.1007/s00706-016-1746-2	Scopus
26	Anti-inflammatory and antimicrobial activities of novel pyrazole analogues	R.surendrakumar, Anis ahamed, ibrahim A.Arif, A.Idhayadulla	chemistry	saudi journal of biological science	2015-2016	10.1016/j.sjbs.2015.07.005	Scopus
27	ModBlockExpoA-Enhancement on Speed and Security using Modularization in Public key Cryptography	George amalarethinam, j.s geetha.K.mani	computer sciene	international journal of applied engineeirng research	2015-2016	ISSN :0973-4562	Scopus
28	Image encryption and decryption in public key cryptography based on MR	George amalarethinam, j.s geetha.	computer sciene	Inter.nati. Confe. Communication technologies	2015-2016	<a href="https://doi.org/10.1109/ICCCT2.2015.7292733">10.1109/ICCCT2.2015.7292733</a>	Scopus

29	Analysis and enhancement of speed in public key cryptography using Message Encoding Algorithm	George amalarethinam, j.s geetha.K.mani	computer sciene	Analytical & enhancement of speed in public key cryptography using message encoding	2015-2016	<a href="https://doi.org/10.17485/ijst/2015/v8i16/69809">10.17485/ijst/2015/v8i16/69809</a>	Scopus
30	Component Based Software Development using Refactoring with FORM Method	S.manimegalai	computer sciene	international journal of control theory and applications	2015-2016		Scopus
31	A Ranking And Selection Approach For Volatility In Financial Market	R.Seethalakshmi, V.Saavithri & C.Vijayabanu	Mathematics	Global journal of pure and applied mathematics	2015-2016	ISSN 0973-1768	Scopus
32	Parameter Estimation of Lehmann Type I Exponential Mixture Distribution	R.Seethalakshmi, V.Saavithri	Mathematics	international journal of applied engineering research	2015-2016	ISSN 0973-4562	Scopus
33	Estimation of Parameters for Order Statistics of Lehmann-Type Laplace Distribution Type I and Type II	V.S Akilandeswari, J.Priyadharshini, Y.Yazh devi, V.Savithri	Mathematics	Global journal of pure and applied mathematics	2015-2016	ISSN 0973-1768	Scopus
34	Lehmann-Type Laplace Distribution-Type II Software Reliability Growth Model	V.S Akilandeswari, R.poornima, V.Savithri	Mathematics	international journal of applied engineering research	2015-2016	ISSN 0973-4562	Scopus

35	Pharmacognostic standardization and physicochemical analysis of the leaves of Barleria montana Wight & Nees	Sriram sridaran, sasikumar.C	Botany	Asian pacific journal of tropical disease	2015-2016	10.1016/S2222-1808(15)61020-9	Scopus
36	Effect of microbes on low density polyethylene material degradation with reference to sem analysis	M.salini, C.sasikumar	Botany	International journal of pharma and bio science	2015-2016	ISSN 0975-6299	Scopus
37	An insilico approach to treat halitosis disease using mint compound-benzydamine	M.pramila, M.Meenatchisundaram	Botany	internation journal of pharma and bioscience	2015-2016	ISSN 0975-6299	Scopus
2016-2017							
1	Design and implementation of dynamic logic gates and R-S flip-flop using quasiperiodically driven Murali-Lakshmanan-Chua circuit	P.R.venkatesh, A.Venkatesan, M.Lakshmanan	Physics	Chaos	2016-2017	10.1063/1.4977977	Scopus
2	Vibrational resonance and implementation of dynamic logic gate in a piecewise-linear Murali-Lakshmanan-Chua circuit	P.R.venkatesh, A.Venkatesan,	Physics	Communication in nonlinear science and numerical simulation	2016-2017	10.1016/j.cnsns.2016.03.009	Scopus
3	Significance of power average of sinusoidal and non-sinusoidal periodic excitations in nonlinear non-autonomous system	P.R.venkatesh, A.Venkatesan,	Physics	pramana	2016-2017	10.1007/s12043-016-1207-9	Scopus

4	Phytosynthesis and Characterization of TiO <sub>2</sub> Nanoparticles using Diospyrosebenum Leaf Extract and their Antibacterial and Photocatalytic Degradation of Crystal Violet	S.Senthikumar, M.Ashok, Lella kashinath, C.Sanjeeviraja, A.Rajendren	Physics	Toyler&francies	2016-2017	10.1080/23080477.2017.1410012	Scopus
5	Synthesis of silver nanoparticles (Ag NPs) for anticancer activities (MCF 7 breast and A549 lung cell lines) of the crude extract of <i>Syzygium aromaticum</i>	Venugopal K., Rather H.A., Rajagopal K., Shanthi M.P., Sheriff K., Illiyas M., Rather R.A., Manikandan E., Uvarajan S., Bhaskar M., Maaza M	Zoology	Journal of photochemistry & photobiology	2016-2017	10.1016/j.jphotobiol.2016.12.013	Scopus
6	In vitro anticancer activity of Biophytumsensitivum whole plant extracts against cervical and liver cancer cell lines	M.P shanthi, G. Bupesh, S. Magesh, K. Meenakumari, K. Saravanan, N.S. Muthiah	Zoology	International journal of Pharmaceutical science and research	2016-2017	10.13040/IJPSR.0975-8232.7(12).5128-35	Scopus
7	Efficacy of lignocellulolytic fungi on the biodegradation of paddy straw	Viji J., Neelanarayanan P.	Zoology	International Journal of Environmental Research	2016-2017	10.22059/IJER.2015.892	Scopus
8	Study of Stress and Job Satisfaction of Dual Career Teacher Couples of Tamilnadu	Mrs. N. Thilagavathi	Economics	The international journal of analytical and experimental model analysis	2016-2017	ISSN 0886-9367	Scopus

9	Evaluating the Antibacterial Potential of Streptomyces sp.	Sujith Sugathan, Aseer Manilal, Tigist Gezmu2, Behailu Merdekios, Joseph Selvin, Tsegaye Tsalla, Akbar Idhayadhulla, and Shine Kadaikunnan	Chemistry	TranslationalBio medicine	2016-2017	10.21767/2172-0479.100003	Scopus
10	Effects of FDI spillover on regional productivity: Evidence from panel data analysis using stochastic frontier analysis.	R. Murugesan, D. Dominic & M. Poovendhan	Economics	International Journal of Emerging Markets	2016-2017	ISSN: 1746-8809	Scopus
11	Analysis of factors determining the inward FDI in top seven Indian states from top seven source countries using gravity model	R. Murugesan & M. Poovendhan	Economics	International Journal of Economics and Business Research	2016-2017	<a href="https://doi.org/10.1504/IJEER.2016.076152">10.1504/IJEER.2016.076152</a>	Scopus
12	Efficient Synthesis of Novel 3-Phenyl-5-thioxo-3,4,5,6-tetrahydroimidazo[4,5-c]pyrazole-2(1H)-carbothioamide Derivatives Using a CeO2â€MgO Catalyst and Evaluation of Antimicrobial Activity	Moydeen M., Al-Deyab S.S., Kumar R.S., Idhayadhulla A.	Chemistry	Journal of Heterocyclic Chemistry	2016-2017	10.3390/polym13071046	Scopus
13	Evaluation of antioxidant and anticancer activities of chemical constituents of the Saururus chinensis root extracts,	Abdullah Alaklabi, Ibrahim A. Arif, Anis Ahamed, Radhakrishnan Surendra Kumar, A.Idhayadhulla*,	Chemistry	Saudi Journal of Biological Sciences	2016-2017	<a href="https://doi.org/10.1016/j.sjbs.2016.12.021">10.1016/j.sjbs.2016.12.021</a>	Scopus

14	Synthesis of new morpholine-connected pyrazolidine derivatives and their antimicrobial, antioxidant, and cytotoxic activities	Surendra Kumar R., Moydeen M., Al-Deyab S.S., Manilal A., Idhayadhulla A.	Chemistry	Bioorganic and Medicinal Chemistry Letters	2016-2017	10.1016/j.bmcl.2016.11.032	Scopus
15	Larvicidal, nematicidal, antifeedant and antifungal, antioxidant activities of mentha spicata (Lamiaceae) root extracts	Alaklabi A., Arif I.A., Ahamed A., Manilal A., Surendrakumar R., Idhayadhulla A.	Chemistry	Tropical Journal of Pharmaceutical Research	2016-2017	<a href="https://doi.org/10.4314/tjpr.v15i11.12">10.4314/tjpr.v15i11.12</a>	Scopus
16	Generation of Keymatrix For Hill Cipher Encryption using Quadratic Form.	Dr. K. Mani, A. Barakath Begam	Computer Science	International Journal of Scientific & Technology Research	2016-2017	10.1109/WCCCT.2016.22	Scopus
17	Enhancing Security in Public Key Algorithms using SCRZE Approach.	K Mani and R. Mahendran	Computer Science	International Journal of Applied Engineering Research	2016-2017	ISSN :0973-4562	Scopus
18	Enhancing security in cryptographic algorithm based on LECCRS	Mani K., Devi A.	Computer Science	Electronic Government	2016-2017	<a href="https://doi.org/10.1504/EG.2017.10003821">10.1504/EG.2017.10003821</a>	Scopus
19	Improving the Speed of Scalar Point Multiplication in Elliptic curve Cryptography Using 1's Complement.	K. Mani and M. Viswambari	Computer Science	International Journal of Applied Engineering Research	2016-2017	ISSN :0973-4562	Scopus

20	A Filter-based Feature Selection using Information Gain with Median Based Discretization for Naive Bayesian Classifier	P. Kalpana K. Mani	Computer Science	International Journal of Applied Engineering Research	2016-2017	ISSN :0973-4562	Scopus
21	Lehmann-Type Laplace distribution-Type I software reliability growth model	Akilandeswari V.S., Poornima R., Saavithri V.	Mathematics	OPSEARCH	2016-2017	DOI 10.1007/s12597-016-0281-6	Scopus
22	Mean vertex D-distance for radial and detour radial graphs	Suresh M., Mohanaselvi V.	Mathematics	AIP Conference Proceedings	2016-2017	Doi.org/10.1063/1.5112314	Scopus
23	On independent rebellion number in graphs	P. Shyamala Anto Mary, V. Mohanaselvi	Mathematics	Asia Life Sciences	2016-2017	59-67	Scopus
24	Marine antifouling property of PMMA nanocomposite films: Results of laboratory and field assessment	Sathya S., Murthy P.S., Das A., Gomathi Sankar G., Venkatnarayanan S., Pandian R., Sathyaseelan V.S., Pandiyan V., Doble M., Venugopalan V.P.	Physics	International Biodeterioration and Biodegradation	2016-2017	10.1016/j.ibiod.2016.05.026	Scopus
25	In silico studies on phytoconstituents of Vernonia arborea Buch. - Ham. against Mitogen-activated protein kinase-I	Sriram S., Brindha P., Meena V., Srilakshmi J.K.	Biotechnology	International Journal of Green Pharmacy	2016-2017	10.22377/ijgp.v12i01.1612	Scopus

26	Anti-inflammatory screening of ethanolic leaf extract of Vernonia arborea Buch. â€“Ham.in formalin induced albino wistar rats	Sridharan S., Venkatraman M., Janakiraman K., Pemiah B., Chinnagounder S.K.	Biotechnology	Indian Journal of Pharmaceutical Education and Research	2016-2017	10.5530/ijper.50.4.16	Scopus
27	Comparative study of using vegetable wastes and cattle dungs for degradation of low density polyethylene material and visualized through FTIR Analysis	Shalini R, C.Sasikumar	Biotechnology	Research journal of pharmaceutical, biological and chemical science	2016-2017	<a href="https://doi.org/10.13140/RG.2.1.1776.1366">10.13140/RG.2.1.1776.1366</a>	Scopus
28	Pharmacognostic standardization and HPTLC analysis of the leaves of Hiptage benghalensis (L.) Kurz	Venkataramani M., Chinnagounder S., Sridharan S., Janakiraman K.S.	Biotechnology	Asian Pacific Journal of Tropical Disease	2016-2017	10.1016/S2222-1808(15)61037-4	Scopus
<b>2017-2018</b>							
1	A Mathematical Model for Storage and Recall of Images using Targeted Synchronization of Coupled Maps	Palaniyandi P., Rangarajan G.	Physics	Scientific Reports	2017-2018	10.1038/s41598-017-09440-6	Scopus
2	Chimera at the phase-flip transition of an ensemble of identical nonlinear oscillators	Gopal R., Chandrasekar V.K., Senthilkumar D.V., Venkatesan A., Lakshmanan M.	Physics	Communications in Nonlinear Science and Numerical Simulation	2017-2018	10.1016/j.cnsns.2017.11.005	Scopus
3	Strange nonchaotic attractors for computation	Sathish A.M., Venkatesan A., Lakshmanan M.	Physics	Physical Review E	2017-2018	<a href="https://doi.org/10.1103/PhysRevE.97.052212">https://doi.org/10.1103/PhysRevE.97.052212</a>	Scopus

4	Implementation of dynamic dual input multiple output logic gate via resonance in globally coupled Duffing oscillators	Venkatesh P.R., Venkatesan A., Lakshmanan M.	Physics	Chaos	2017-2018	<a href="https://doi.org/10.1063/1.4997758">https://doi.org/10.1063/1.4997758</a>	Scopus
5	Biosynthesis of TiO <sub>2</sub> nanoparticles using <i>Justicia gendarussa</i> leaves for photocatalytic and toxicity studies	Senthilkumar S., Rajendran A.	Physics	Research on Chemical Intermediates	2017-2018	10.1007/s11164-018-3464-3	Scopus
6	Structural and optical properties of Mg doped ZnS quantum dots and biological applications	Ashokkumar M., Boopathyraja A.	Physics	Superlattices and Microstructures	2017-2018	10.1016/j.spmi.2017.11.005	Scopus
7	First record of migratory Grey-necked Bunting <i>Emberiza buchanani</i> Blyth, 1844 (Aves: Passeriformes: Emberizidae) as a winter visitor in Tiruchirappalli District, Tamil Nadu, India	Siva T., Neelananarayanan P.	Zoology	Journal of Threatened Taxa	2017-2018	10.11609/jott.3809.9.12.11095-11096	Scopus
8	Photo-degradation of CT-DNA with a series of carbothioamide ruthenium (II) complexes – Synthesis and structural analysis	Muthuraj V., Umadevi M.	Chemistry	Journal of Molecular Structure	2017-2018	<a href="https://doi.org/10.1016/j.molstruc.2017.10.103">10.1016/j.molstruc.2017.10.103</a>	Scopus

9	Prevalence and biofilm forming potency of multi-drug resistant Staphylococcus aureus among food handlers in Arba Minch University, South Ethiopia	Mama M., Alemu G., Manilal A., Seid M., Idhayadhulla A.	Chemistry	Acta Microbiologica Hellenica	2017-2018		Scopus
10	In-Vitro Antibacterial And Cytotoxicity Evaluation Of Some Novel Tetrazole Derivatives,	Anis Ahamed, Ibrahim A. Arif, Meera Moydeen, Radhakrishnan Surendra Kumar and Akbar Idhayadhulla,	Chemistry	International journal of pharamcutical sciences and research	2017-2018	10.13040/IJPSR.0975-8232.9(8).3322-27	Scopus
11	Molecular characterization, DFT and TD-DFT calculations of morpholinium tetra chloropalladate (II)	M.Umadevi and V.Muthuraj	Chemistry	Journal of Molecular Structure	2017-2018	10.1016/j.molstruc.2017.01.073	Scopus
12	CuII-Tyrosinase Enzyme Catalyst-Mediated Synthesis of 2-Thioxopyrimidine Derivatives with Potential Mosquito Larvicidal Activity: Spectroscopic and Computational Investigation as well as Molecular Docking Interaction with OBPs of Culex quinquefasciatus	SathishKumar C., Keerthana S., Ahamed A., Arif I.A., SurendraKumar R., Idhayadhulla A.	Chemistry	Chemistry Select	2017-2018	10.1002/slct.202000060	Scopus

13	Synthesis of novel pyridine-connected piperidine and 2H-thiopyran derivatives and their larvicidal, nematicidal, and antimicrobial activities	Ahamed A., Arif I.A., Kumar R.S., Idhayadhulla A., Keerthana S.R., Manilal A.	Chemistry	Journal of the Mexican Chemical Society	2017-2018	10.29356/jmcs.v62i4.472	Scopus
14	Biological evaluation of some imidazolidine-2,4-dione and 2-thioxoimidazolidin-4-one derivatives as anticoagulant agents and inhibition of MCF-7 breast cancer cell line	Mostafa A.A., Al-Rahmah A.N., Surendra Kumar R., Manilal A., Idhayadhulla A.	Chemistry	International Journal of Pharmacology	2017-2018	<a href="#">10.3923/ijp.2016.290.303</a>	Scopus
15	Generation of addition chain using bacteria foraging optimization algorithm	Mani K., Mullai A.	Computer Science	International Journal of Engineering Trends and Technology	2017-2018	10.14445/22315381/IJETT-V69I2P205	Scopus
16	Optimizing the Run Time in Mobile Devices	Mani K., Mullai A.	Computer Science	Proceedings - 2nd World Congress on Computing and Communication Technologies, WCCCT 2017	2017-2018	<a href="#">10.1109/WCCCT.2016.23</a>	Scopus
17	A new hybrid framework for filter based feature selection using information gain and symmetric uncertainty	Kalpana P., Mani K.	Computer Science	International Journal of Engineering, Transactions B: Applications	2017-2018	ISSN :1728144X	Scopus

18	MRImgEncA-Analysis and Enhancement of speed and Security in Public key Cryptography for image file	Jee Sai Geetha K Mani	Computer Science	International Journal of Applied Engineering Research	2017- 2018	ISSN 0973-4562	Scopus
19	Lloyd and minkowski based K-means clustering for effective diagnosis of heart disease and stroke	Nalini D., Periasamy R.	Computer Science	International Review on Computers and Software	2017- 2018	10.15866/irecos.v10i6.6265	Scopus
20	Binary back propagation based lift association mining for heart disease and stroke identification	Nalini D., Periasamy R.	Computer Science	International Journal of Applied Engineering Research	2017- 2018	10(6):16071-16087	Scopus
21	A state of approaches on minimization of Boolean functions	Valli M., Periyasamy R., Amudhavel J.	Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2017- 2018	ISSN 1943-023X	Scopus
22	Gray code based K-map technique (G-K map) for Boolean functions with many variables	Valli M., Periyasamy R., Amudhavel J.	Computer Science	Journal of Advanced Research in Dynamical and Control Systems	2017- 2018	ISSN 1943-023X	Scopus
23	An Enhanced Multi Attribute Depthness Similarity Estimation Technique to Improve Classification Accuracy	Elavarasan N., Mani K.	Computer Science	Proceedings - 2nd World Congress on Computing and Communication Technologies, WCCCT 2017	2017- 2018	<a href="https://doi.org/10.1109/WCCCT.2016.35">10.1109/WCCCT.2016.35</a>	Scopus

24	Extemporization of Business Strategies using Apriori based on Import and Export Patterns with Quantities.	K.Mani and R.Akila	Computer Science	International Journal of Applied Engineering Research	2017-2018	ISSN :0973-4562	Scopus
25	State of the Art with Cooperative Approach for Software Product Lines in IC Reengineering	Manimekalai S	Computer Science	Middle-East Journal of Scientific Research	2017-2018	Corpus ID: 114789954	Scopus
26	Some graph operations in multiplicative Zagreb indices	Radhakrishnan M., Suresh M., Selvi V.M.	Mathematics	AIP Conference Proceedings	2017-2018	<a href="https://doi.org/10.1063/5.0025250">10.1063/5.0025250</a>	Scopus
27	Domination of line neighbourhood graphs	V. Mohana Selvi P. Kavitha	Mathematics	International Journal of Pure and Applied Mathematics	2017-2018	ISSN 1311-8080	Scopus
28	Highly active P25@Pd/C nanocomposite for the degradation of Naphthol Blue Black with visible light	Krishnakumar B., Kumar S., Gil J.M., Pandiyan V., Aguiar A., Sobral A.J.F.N.	Physics	Journal of Molecular Structure	2017-2018	10.1016/j.molstruc.2017.09.120	Scopus
29	Spectra, electronic structure and molecular docking investigations on 3-(phenyl(p-tolylamino)methyl)naphthalen-2-ol " An experimental and computational approach	Pradeepa S.J., Boobalan M.S., Tamilvendan D., Sundaraganesan N., Sebastian S., Qian K.	Physics	Journal of Molecular Structure	2017-2018	<a href="https://doi.org/10.1016/j.molstruc.2017.01.020">10.1016/j.molstruc.2017.01.020</a>	Scopus

30	Molecular interaction studies in binary mixtures of tetrahydrofuran with arene-substituted alcohols: acoustic and volumetric study	Shakila A., Raju R., Srinivasa Krishna T., Dey R., Pandiyan V.	Physics	Physics and Chemistry of Liquids	2017-2018	10.1080/00319104.2018.1564752	Scopus
31	In vitro antibacterial analysis of copper solution (microparticle) a novel anti- infective molecule for wound management	M.Pramila ., N. Prabhusaran., M.Meenakshisundaram., J.Lalithambigai and P.Karthick	Botany	Journal of dental and medical sciences	2017-2018	10.9790/0853-1707092226	Scopus
32	In vitro antioxidant activity of Phyllodium pulchellum L. Desv - an threatened medicinal plant.	Velmurugan, G. and S. P. Anand	Botany	Asian Journal of Pharmaceutical and Clinical Research	2017-2018	10.22159/ajpcr.2017.v10i10.19919	Scopus
33	GC-MS Analysis of bioactive compounds on ethanolic leaf extract of Phyllodium pulchellum L. Desv.	Velmurugan, G. and S. P. Anand	Botany	International Journal of Pharmacognosy and Phytochemical Research	2017-2018	10.25258/ijpapr.v9i1.8051	Scopus
<b>2018-2019</b>							
1	Electrical Resistivity Measurements of Manganite La <sub>0.95</sub> Sr <sub>0.05</sub> MnO <sub>3</sub> Under Uniaxial Pressure at High Temperature	S. Muruganantham, S. Kumararaman, N. R. Tamilselvan T. Thaila and K. Subbaraman	Physics	Journal of Superconductivity and Novel Magnetism	2018-2019	10.1007/s10948-018-4969-0	Scopus
2	Dynamics of periodically pulsed driven chua's circuit	Inbavalli M., Srinivasan K., Gladwin Pradeep R.,	Physics	Journal of Computational and Theoretical Nanoscience	2018-2019	10.1166/jctn.2018.7165	Scopus

		Venkatesan A., Murali K.					
3	Green synthesis of CeO <sub>2</sub> –TiO <sub>2</sub> compound using Cleome chelidonii leaf extract for excellent photocatalytic activity	SenthilKumar S., Lellala K., Ashok M., Priyadharsan A., Sanjeeviraja C., Rajendran A.	Physics	Journal of Materials Science: Materials in Electronics	2018- 2019	10.1007/s10854-018-9534-x	Scopus
4	The effects of PVAc on surface morphological and electrochemical performance of P(VdF-HFP)-based blend solid polymer electrolytes for lithium ion-battery applications	Sasikumar M., Jagadeesan A., Raja M., Hari Krishna R., Sivakumar P.	Physics	Ionics	2018- 2019	10.10007/s11581-018-2679-z	Scopus
5	Influence of Hydrothermally Synthesized Cubic-Structured BaTiO <sub>3</sub> Ceramic Fillers on Ionic Conductivity, Mechanical Integrity, and Thermal Behavior of P(VDF-HFP)/PVAc-Based Composite Solid Polymer Electrolytes for Lithium-Ion Batteries	Sasikumar M., Raja M., Krishna R.H., Jagadeesan A., Sivakumar P., Rajendran S.	Physics	Journal of Physical Chemistry C	2018- 2019	10.1021/acs.jpcc.8b03952	Scopus
6	Coexisting bifurcations in a memristive hyperchaotic oscillator	Fozin Fonzin T., Srinivasan K., Kengne J., Pelap F.B.	Physics	AEU - International Journal of Electronics and Communications	2018- 2019	10.1016/j.aeue.2018.03.035	Scopus

7	Implementation of dynamic dual input multiple output logic gates via enhanced logical resonance in non-locally coupled Duffing oscillators	PR Venkatesh	Physics	Proceedings of the Indian National Science Academy	2018-2019	10.16943/ptinsa/2018/49473	Scopus
8	Phytochemicals as lead compounds for new drug discovery	Egbuna C., Kumar S., Ifemeje J.C., Ezzat S.M., Kaliyaperumal S.	Zoology	Phytochemicals as Lead Compounds for New Drug Discovery	2018-2019	10.1016/C2018-0-02367-1	Scopus
9	Effects of aloe-emodin on innate immunity, antioxidant and immune cytokines mechanisms in the head kidney leucocytes of <i>Labeo rohita</i> against <i>Aphanomyces invadans</i>	Devi G., Harikrishnan R., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Balasundaram C.	Zoology	Fish and Shellfish Immunology	2018-2019	10.1016/j.fsi.2019.02.006	Scopus
10	Comparative immunostimulatory effect of probiotics and prebiotics in <i>Channa punctatus</i> against <i>Aphanomyces invadans</i>	Devi G., Harikrishnan R., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Balasundaram C.	Zoology	Fish and Shellfish Immunology	2018-2019	10.1016/j.fsi.2018.12.051	Scopus
11	Food Composition of Indian Eagle Owl <i>Bubo bengalensis</i> Franklin 1831 (Aves: Strigiformes: Strigidae) from Tiruchirappalli District, Tamil Nadu, India	Siva, T. and Neelanarayanan, P.	Zoology	Journal of Threatened Taxa	2018-2019	10.11609/jott.4416.11.5.13545-13551	Scopus

12	In silico studies on colon cancer against hexadecane, hexadecanoic acid methyl ester and quinoline, 1,2-dihydro-2,2,4-trimethyl compounds from brown seaweed	Swarna Bharathi D., Boopathy Raja A.	Zoology	International Journal of Research in Pharmaceutical Sciences	2019-2020	<a href="https://doi.org/10.26452/ijrps.v11i2.2110">10.26452/ijrps.v11i2.2110</a>	Scopus
13	In vitro antioxidant efficacy of Biophytum sensitivum extracts	Santhi M.P., Bupesh G., Vasanth S., Ramasamy P., Johnson W.M.S., Balachandar V.	Zoology	Biochemical and Cellular Archives	2018-2019	ISSN 0972-5075	Scopus
14	Synthesis of coumarin derivatives and its Ru(II) complexes encompassing pyrazole ring as a potent antidiabetic agents – A biochemical perspective	M.Umadevi, v.Muthuraj and R.Vanajothi	Chemistry	Inorganica Chimica Acta	2018-2019	10.1016/j.ica.2019.04.029	Scopus
15	Cytotoxic, larvicidal, nematicidal and antifeedant activities of piperidin-connected 2-thioxoimidazolidin-4-one derivative	Ibrahim A. Arif, Anis Ahamed, Radhakrishnan Surendra Kumar, Akbar Idhayadhulla, Aseer Manilal	Chemistry	Saudi Journal of Biological Sciences	2018-2019	10.1016/j.sjbs.2017.12.007	Scopus
16	Paddle wheel manganese carboxylate metal organic frame work as a host for hydrophilic molecules	M.Umadevi and V.Muthuraj	Chemistry	Journal of Heterocyclic Chemistry Molecular Structure	2018-2019	10.1016/j.molstruc.2018.09.003	Scopus

17	Inhibition study of Erioglaucine disodium salt on carbon steel in hydrochloric acid medium using weight loss, electrochemical and thermodynamic properties	Palanisamy K., Kannan P., Sekar A.	Chemistry	Egyptian Journal of Petroleum	2018- 2019	10.1016/j.ejpe.2017.07.008	Scopus
18	Evaluation of chromotrope FB dye as corrosion inhibitor using electrochemical and theoretical studies for acid cleaning process of petroleum pipeline	Karumalaiyan Palanisamy, Perumal Kannan and Alagan Sekar	Chemistry	Surfaces and Interfaces	2018- 2019	10.1016/j.surfin.2018.05.005	Scopus
19	Professional Development Needs of Manpower In Education in India.	N. Thilagavathi, Dr.T.Porselvi	Economics	Journal of Information and Computational Science	2018- 2019	ISSN: 1548-7741	Scopus
20	Phytochemical Analysis and Antimicrobial Activity of Bersama abyssinica Fresen against Multidrug-Resistant Bacterial Uropathogens: Picolinyl Hydrazide Is a Major Compound	Ameya G., Manilal A., Idhayadhulla A.	Computer Science	Journal of Herbs, Spices and Medicinal Plants	2018- 2019	10.1080/10496475.2019.163594 0	Scopus
21	Effective synthesis of some novel pyrazolidine-3,5-dione derivatives via Mg(II) catalyzed in water medium and their anticancer and antimicrobial activities	Meera Moydeen, Radhakrishnan Surendra Kumar, Akbar Idhayadhulla , Aseer Manilal,	Chemistry	Molecular DiversityJournal of Heterocyclic Chemistry	2018- 2019	10.3390/polym13071046	Scopus

22	Synthesis of novel benzopyran-connected pyrimidine and pyrazole derivatives: Via a green method using Cu(II)-tyrosinase enzyme catalyst as potential larvicidal, antifeedant activities	Abdel-Fattah Mostafa A., Sathishkumar C., Al-Askar A.A., Sayed S.R.M., Surendrakumar R., Idhayadhulla A.	Chemistry	RSC Advances	2018-2019	10.1039/C9RA04496E	Scopus
23	Antimicrobial, anticoagulant, and cytotoxic evaluation of multidrug resistance of new 1,4-dihydropyridine derivatives	Ahamed A., Arif I.A., Mateen M., Surendra Kumar R., Idhayadhulla A.	Chemistry	Saudi Journal of Biological Sciences	2018-2019	10.3390/polym13071046	Scopus
24	Performance Comparison of the Cloud Optimized Eclat Growth and Multi-Core Processing Cloud Eclat Growth	Priya V, Dr.S.Murugan	Computer Science	the International Journal of Scientific & Research (IJSTR)	2018-2019	ISSN: 2249 – 8958	Scopus
25	Enhanced crop yield prediction using Monte Carlo method and binary cuckoo search	Chellammal Surianarayanan, Kodimalar Palanivel and K. Mani	Computer Science	Malaya Journal of Matematik	2019-2020	<a href="#">10.26637/MJM0804/0074</a>	Scopus
26	On sequences of diophantine 3-tuples generated through bernoulli polynomials	Thiruniraiselvi N., Gopalan M.A., Kumar S.	Mathematics	International Journal of Advanced Science and Technology	2018-2019	Vol. 27, No.1,(2019), pp.61-68	Scopus
27	Twain positive and negative domination in bipolar fuzzy graphs	Sivamani S., Mohanaselvi V.	Mathematics	Asia Life Sciences	2018-2019	0117-3375	Scopus

28	Thermodynamic and FT-IR study on molecular interactions between ethyl lactate with alkyl amines at different temperatures	Shakila A., Ravikumar S., Raveendra M., Sivakumar K., Raju R., Pandiyan V.	Physics	Physics and Chemistry of Liquids	2018-2019	10.1080/00319104.2018.1432047	Scopus
29	Antioxidant (in vitro), Antidiabetic (in vitro) and Photocatalytic Activity of Costus speciosus Leaf Extract Assisted CS-Ag-TiO <sub>2</sub> Composites	C Surya, NAA John, V Pandiyan, P Amutha, AJF do Nascimento Sobral	Physics	Toxicology and Environmental Health Sciences	2018-2019	10.1007/s13530-019-0404-6	Scopus
30	Role of chain length in molecular interactions between monoethanolamine and 2-alkoxyalkanols at various temperatures.	R Rajalakshmi, S Ravikumar, K Sivakumar, M Raveendra, V Pandiyan	Physics	Chemical Data Collections	2018-2019	10.1016/j.cdc.2019.100202	Scopus
31	Influence of temperature on thermo physical properties of binary mixtures of ethyl acrylate and alkyl amines: An experimental and theoretical approach.	A Shakila, S Ravikumar, V Pandiyan, R Gaba	Physics	Journal of Molecular Liquids	2018-2019	10.1016/j.molliq.2018.05.130	Scopus
32	Gelatin-assisted g-TiO <sub>2</sub> /BiOI heterostructure nanocomposites for azo dye degradation under visible light	B.Krishnakumar, R Hariharan, V Pandiyan, A Aguiar, AJFN Sobral	Physics	Journal of environmental chemical engineering	2018-2019	10.1016/j.jece.2018.06.035	Scopus

33	Solar and visible active amino porphyrin/SiO <sub>2</sub> @ZnO for the degradation of naphthol blue black	Krishnakumar B., Balakrishna A., Nawabjan S.A., Pandiyan V., Aguiar A., Sobral A.J.F.N.	Physics	Journal of Physics and Chemistry of Solids	2018-2019	10.1080/19443994.2013.792131	Scopus
34	GREY-HEADED LAPWING Sighting of Vanellus cinereus in Koothappar Big Tank in Tiruchirappalli District, Tamil Nadu	T.Siva, P.Neelanarayanan	Zoology	Zoo's print	2018-2019	ISSN 0971-0971	Scopus
35	Checklist of Butterflies of Nehru Memorial College and Puthanampatti village, Tiruchirappalli District, Tamil Nadu	T.Siva, P.Neelanarayanan	Zoology	Zoo's print	2018-2019	ISSN 2230-7052	Scopus
<b>2019-2020</b>							
1	Realisation of parallel logic elements and memory latch in a quasiperiodically-driven simple nonlinear circuit	Sathish Aravindh M., Gopal R., Venkatesan A., Lakshmanan M.	physics	Pramana - Journal of Physics	2019-2020	10.1007/s12043-020-1939-4	Scopus
2	Thermoluminescence characteristics studies of phosphor material with anti-bacterial activity	Rubalajyothi P., Rajendran A.	Physics	Journal of Critical Reviews	2019-2020	10.31838/jcr.07.01.106	Scopus
3	High electrochemical performance of nano TiO <sub>2</sub> ceramic filler incorporated PVC-PEMA composite gel polymer electrolyte for Li-ion battery applications	S. Vijayashree A. Jagadeesan, M. Sasikumar, R. Hari Krishna, N. Raja, D. Gopalakrishna, and P Sivakumar	Physics	Materials Research Express 6	2019-2020	10.1088/2053-1591/ab3cb8	Scopus

4	Fabrication of BaTiO <sub>3</sub> ceramic filler incorporated PVC-PEMA based blend nanocomposite gel polymer electrolytes for Li ion battery applications	Jagadeesan A., Sasikumar M., Jeevani R., Therese H.A., Ananth N., Sivakumar P.	Physics	Journal of Materials Science: Materials in Electronics	2019-2020	10.1007/s10854-019-02065-7	Scopus
5	Control of multistability in a self-excited memristive hyperchaotic oscillator	Fonzin Fozin, R. Kengne, K. Srinivasan, J. Kengne and F.B. Pelap	Physics	T, Int. J. Bifurcation and Chaos	2019-2020	10.1142/S0218127419501190	Scopus
6	Multistability control of space magnetization in hyperjerk oscillator: A case study	Leutcho G.D., Kengne J., Fozin T.F., Srinivasan K., Njitacke Tabekoueng Z., Jafari S., Borda M.	Physics	Journal of Computational and Nonlinear Dynamics	2019-2020	10.1115/1.4046639	Scopus
7	Controllable synthesis of CeO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> hybrid catalysts and its structural, optical and visible light photocatalytic activity	Barathi D., Rajalakshmi N., Ranjith R., Sangeetha R., Meyvel S.	Physics	Diamond and Related Materials	2019-2020	<a href="https://doi.org/10.1016/j.diamond.2020.108161">10.1016/j.diamond.2020.108161</a>	Scopus
8	Effect of cassic acid on immunity and immune-reproductive genes transcription in Clarias gariepinus against Edwardsiella tarda	Harikrishnan R., Devi G., Paray B.A., Al-Sadoon M.K., Al-Mfarrij A.R., Van Doan H.	Zoology	Fish and Shellfish Immunology	2019-2020	10.1016/j.fsi.2020.02.037	Scopus
9	Antiviral phytocompounds for drug development: A data mining studies	Kaliyaperumal S., Periyasamy K., Balakrishnan U., Palanivel P., Egbuna C.	Zoology	Phytochemicals as Lead Compounds for New Drug Discovery	2019-2020	10.1016/b978-0-12-817890-4.00015-9	Scopus

10	Study the immunomodulation of anthracenedione in striped dwarf catfish, <i>Mystus vittatus</i> against pathogenic bacteria, <i>Aeromonas hydrophila</i>	Harikrishnan R., Devi G., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Gokul E.	Zoology	Fish and Shellfish Immunology	2019-2020	10.1016/j.fsi.2019.10.033	Scopus
11	Effect of symbiotic supplemented diet on innate-adaptive immune response, cytokine gene regulation and antioxidant property in <i>Labeo rohita</i> against <i>Aeromonas hydrophila</i>	Devi G., Harikrishnan R., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Balasundaram C.	Zoology	Fish and Shellfish Immunology	2019-2020	10.1016/j.fsi.2019.04.036	Scopus
12	Cytotoxic and apoptotic including activity of ethanol extract of <i>naraveliazeylanica</i> in human breast cancer cells.	Umarani.B, Saravanan.K	Zoology	Indian journal of natural science	2019-2020	ISSN 0976-0997	Web of Science
13	Anticancer agents from some known plants:A review	Umarani.B, Saravanan.K	Zoology	A review Infokara research	2019-2020	ISSN 1021-9056	Scopus
14	Freshwater musle ( <i>Bivalvia: unionoidea</i> ) as a biological water quality indicater	P.Premalatha K.Saravanan, P.Karuppannan	Zoology	International journal of ecology, environment and conversation	2019-2020	ISSN 0971-756X	Scopus
15	Diversity of Avifauna during different developmental stages of Paddy Crop in Tiruchirappalli District, Tamil Nadu, India	Siva, T. and Neelananarayanan, P.	Zoology	Pestology	2019-2020	ISSN:0970-3012	Scopus

16	Chemically synthesized Silica-Zinc Nanocomposite Acts as Potential Antibacterial Agent against Urinary Pathogen.,	SWARNA BHARATHI and BOOPATHYRAJA, A	Zoology	Journal of Engineering Sciences	2019-2020	ISSN 0377-9254	Scopus
17	Diversity of Butterflies from different Agroecosystem with their Host Plants in Namakkal District, Tamil Nadu, India	C.Kanimozhi,V. Ramesh, P.C. Pathania, Rameshkumar.A	Zoology	Applied Ecology and Environmental Sciences	2019-2020	10.12691/aees-8-5-19	UGC
18	A DFT Study on Structural and Bonding Analysis of Transition-Metal Carbonyls with terminal Haloborylene Ligands [M(CO) <sub>3</sub> (BX)] (M=Ni, Pd, and Pt; X= F, Cl, Br, and I	F.paularsokiadors , A.Sekar, Thayalaraj Christopher Jeyakumar	Chemistry	Computational and Theoretical Chemistry	2019-2020	10.1016/j.comptc.2020.112750	Scopus
19	Embedding technology in curriculum design and development	Tamilmani K.T., Nagalakshmi R.	English	International Journal of Innovative Technology and Exploring Engineering	2019-2020	10.2139/ssrn.3557543	Scopus
20	Health practices and problems in rural india	R.Geetha	Economics	Indian journal of adult education	2019-2020	ISSN: 0019-5006	UGC
21	Antioxidant Activity of Telmisartan-Cu(II) Nanoparticles Connected 2-Pyrimidinamine and Their Evaluation of Cytotoxicity Activities	Surendrakumar R., Idhayadhulla A., Alarifi S., Ahamed N.A., Sathish Kumar C.	Chemistry	BioMed Research International	2019-2020	10.3390/polym13071046	Scopus

22	In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2	Chidambaram S.K., Ali D., Alarifi S., Radhakrishnan S., Akbar I.	Chemistry	Journal of Infection and Public Health	2019-2020	10.1016/j.jiph.2020.09.002	Scopus
23	Synthesis, cytotoxic analysis, and molecular docking studies of tetrazole derivatives via n-mannich base condensation as potential antimicrobials	Hatamleh A.A., Farraj D.A., Al-Saif S.S., Chidambaram S., Radhakrishnan S., Akbar I.	Chemistry	Drug Design, Development and Therapy	2019-2020	10.2147/DDDT.S270896	Scopus
24	Enhancing the security in RSA and elliptic curve cryptography based on addition chain using simplified Swarm Optimization and Particle Swarm Optimization for mobile devices	Mullai A., Mani K.	Computer Science	International Journal of Information Technology (Singapore)	2019-2020	<a href="https://doi.org/10.1007/s41870-019-00413-8">doi.org/10.1007/s41870-019-00413-8</a>	Scopus
25	Performance Comparison of the Cloud Optimized Eclat Growth and Multi-Core Processing Cloud Eclat Growth	Priya V, Dr.S.Murugan	Computer Science	the International Journal of Scientific & Research (IJSTR)	2019-2020	ISSN 2277-8616	Scopus
26	Enhanced LSTM for ASD classification	Padmapriya S., Murugan S.	Computer Science	International Journal of Scientific and Technology Research	2019-2020	ISSN 2277-8616	Scopus
27	Consecrate recurrent neural network classifier for autism classification	Padmapriya S., Murugan S.	Computer Science	International Journal of Engineering and	2019-2020	ISSN: 2249 – 8958	Scopus

				Advanced Technology			
28	Fine tune watershed using embankment to extract tumor from human head scan	Josephine S., Murugan S.	Computer Science	International Journal of Scientific and Technology Research	2019-2020	ISSN 2277-8616	Scopus
29	Brain Tumor Grade Detection by Using ANN	S. Josephine, S. Murugan	Computer Science	International Journal of Engineering and Advanced Technology	2019-2020	ISSN: 2249 – 8958	Scopus
30	Efficient High Average-Utility Pattern Mining For Big Data.	R. Vasumathi, Dr. S. Murugan	Computer Science	International Journal of Scientific & Technology Research,	2019-2020	ISSN 2277-8616	Scopus
31	Map Reduced Tighter Upper Bound for High Average-Utility Pattern Mining For Big Data	R.Vasumathi, Dr.S.Murugan	Computer Science	International Journal of Scientific & Technology Research,	2019-2020	ISSN 2277-8616	Scopus
32	Elgamal Encryption using Lucas, Elliptic Curve and SRZ Model.	Mani. K, Barakath Begam. A	Computer Science	International Journal of Engineering and Advanced Technology	2019-2020	ISSN: 2249 – 8958	Scopus
33	Generation of Keymatrix For Hill Cipher Encryption using Quadratic Form.	Dr. K. Mani, A. Barakath Begam	Computer Science	International Journal of Scientific & Technology Research	2019-2020	ISSN 2277-8616	Scopus

34	Generation of Keystream for Symmetric cipher using U-matrix	Dr. K. Mani, A. Devi	Computer Science	International Journal of recent technology and engineering	2019-2020	10.35940/ijrte.C4760.098319	Scopus
35	TSD-CPI: Traffic sign Detection Technique based on Centroid Position Identification in Text Mining	Ms.Karthika and Dr.S.Murugan	Computer Science	International Journal of Engineering and Advanced technology(IJEAT)	2019-2020	10.35940/ijeat.B3056.129219	Scopus
36	Trust Based Secure Routing Mechanism in Mobile Adhoc Networks for Enhancing the Routing Performances	Dr.K.Mani, S. Prasath Sivasubramanian	Computer Science	International Journal of Engineering and Advanced technology(IJEAT)	2019-2020	10.35940/ijeat.C5492.029320	Scopus
37	The Connected Complement Domination Matrix and Energy of Graphs	S. Dhivyakannu	Mathematics	International Journal of Pure and Applied Mathematics	2019-2020	; ISSN: 1314-3395	Scopus
38	Study of intermolecular interactions in the binary mixtures containing cyclic ethers and benzyl amine at different temperatures	Rajalakshmi R., Ravikumar S., Raju R., Gaba R., Gerald Arokiaraj R., Balamurugan S., Sangeetha R., Pandiyan V.	Physics	Chemical Data Collections	2019-2020	10.1016/j.cdc.2020.100561	Scopus
39	Costus speciosus leaf extract assisted CS-Pt-TiO <sub>2</sub> composites: Synthesis, characterization and their bio and photocatalytic applications.	C Surya, NAA John, V Pandiyan, S Ravikumar, P Amutha, AJFN Sobral	Physics	Journal of Molecular Structure	2019-2020	10.1016/j.molstruc.2019.06.030	Scopus

40	Thermodynamic properties of binary liquid mixtures containing aromatic alcohol and aliphatic amines at different temperatures.	A Shakila, S Ravikumar, V Pandiyan, R Gaba	Physics	Journal of Molecular Liquids	2019-2020	10.1016/j.molliq.2019.04.064	Scopus
41	Excess thermodynamic properties of intermolecular interactions in binary liquid mixtures of furfural with alkyl acetates (C1-C5) at different temperatures,	R Rajalakshmi, S Ravikumar, K Sivakumar, V Pandiyan	Physics	Chemical Data Collections	2019-2020	10.1016/j.cdc.2019.100299	Scopus
42	Thermodynamic properties and IR studies of binary mixtures of benzyl amine with alkyl esters at different temperatures	R.Rajalakshmi S.Ravikumar RekhaGaba V.Pandiyana	Physics	Chemical Data Collections	2019-2020	<a href="https://doi.org/10.1016/j.cdc.2019.100278">10.1016/j.cdc.2019.100278</a>	Scopus
43	Sighting of threatened amphibians from the Avalanche Forest in Western Ghats, Nilgiris, Tamil Nadu	Siva Naturewild	Zoology	zoo's print	2019-2020	ISSN 0971-6378	Scopus
44	Emergence and Midigation of Extreme events in a perametrically driven system with velocity dependent potential	S. Sudharsan, A. Venkatesan, P. Muruganatham, M. Senthilvalen	Physics	The European Physical Journal Plus	2019-2020	10.1140/epjp/s13360-021-01114-7	Scopus

45	Route to logical strange nonchaotic attractors with single periodic force and noise	Sathish Aravindh M., Venkatesan A., Lakshmanan M.	Physics	Chaos	2019-2020	<a href="https://doi.org/10.1063/5.0017725">doi.org/10.1063/5.0017725</a>	Scopus
46	Complex Dynamics in a Memristive Diode Bridge-Based MLC Circuit: Coexisting Attractors and Double-Transient Chaos	Chithra A., Fozin T.F., Srinivasan K., Kengne E.R.M., Kouanou A.T., Mohamed I.R.	Physics	International Journal of Bifurcation and Chaos	2019-2020	10.1142/S0218127421500498	Scopus
47	Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of its antibacterial potential	Ramesh P., Saravanan K., Manogar P., Johnson J., Vinoth E., Mayakannan M.	Physics	Sensing and Bio-Sensing Research	2019-2020	10.1016/j.sbsr.2021.100399	Scopus
48	Impact of cinnamaldehyde on innate immunity and immune gene expression in <i>Channa striatus</i> against <i>Aphanomyces invadans</i>	Ramasamy Harikrishnan, Gunapathy Devi, Chellam Balasundaram, Hien Van Doand, Sanchai Jaturasith, Kaliyaperumal Saravanan, EinarRingø	Zoology	Fish & Shellfish Immunology	2019-2020	10.1016/j.fsi.2021.07.009	Scopus
49	<u>Antihyperlipidemic Effects of Silver Nanoparticles Synthesized from Ventilago maderaspatana Leaf Extract on Streptozotocin-Induced Albino Rats</u>	Periyasamy Karuppannan, Kaliyaperumal Saravanan, Chukwuebuka Egbuna, Chukwuemerie Z. Uche, Kingsley C. Patrick-Iwuanyanwu, Johra Khan	Zoology	Trop J Nat Prod Res.	2019-2020	10.26538/tjnpr/v1i4.5	Scopus

50	Bioactive Compounds Effective Against Type 2 Diabetes Mellitus: A Systematic Review	Chukwuebuka Egbuna, Kaliyaperumal Saravanan	Zoology	Current Topics in Medicinal Chemistry	2019-2020	10.2174/1568026621666210509161059	Scopus
51	Green synthesis characterization of bio compatible Zinc Oxide Nano particle and evaluation of its antibacterial potential	P. Ramesh, K. Saravanan, M Mayakannan	Physics	Sensing and Bio-Sensing Research	2019-2020	<a href="https://doi.org/10.1016/j.sbsr.2021.100399">https://doi.org/10.1016/j.sbsr.2021.100399</a>	Scopus
52	Effect of chrysophanic acid on immune response and immune genes transcriptomic profile in Catla catla against <i>Aeromonas hydrophila</i>	Harikrishnan R., Devi G., Balasundaram C., Van Doan H., Jaturasitha S., RingÅ, E., Faggio	Zoology	<i>Scientific Reports</i>	2019-2020	10.1038/s41598-020-79629-9	Scopus
53	Field evaluation of toxicity of plant extracts against vector of filariasis <i>Culex quinquefasciatus</i> Say, 1823 (Diptera: Culicidae)	Selvan P.S., Senthoorraja R., Ramesh V., Jebanesan	Zoology	<i>South African Journal of Botany</i>	2019-2020	10.1016/j.sajb.2021.01.027	Scopus
54	Effect of diet enriched with <i>Agaricus bisporus</i> polysaccharides (ABPs) on antioxidant property, innate-adaptive immune response and pro-anti inflammatory genes expression in <i>Ctenopharyngodon idella</i> against <i>Aeromonas hydrophila</i> .	Harikrishnan R., Devi G., Van Doan H., Balasundaram C., Thamizharasan S., Hoseinifar S.H., Abdel-Tawwab M	Zoology	Fish and Shellfish Immunology	2019-2020	10.1016/j.fsi.2021.04.025	Scopus

55	Impact of grape pomace flour (GPF) on immunity and immune-antioxidant-anti-inflammatory genes expression in <i>Labeo rohita</i> against <i>Flavobacterium columnaris</i>	Harikrishnan R., Devi G., Van Doan H., Balasundaram C., Esteban M.Á., Abdel-Tawwab M	Zoology	Fish and Shellfish Immunology	2019-2020	10.1016/j.fsi.2021.01.011	Scopus
56	DNA barcoding of earthworms from lateritic semi evergreen forest of Kolli hill, a part of Eastern Ghats, Tamil Nadu, India	Sathis Kumar K., Neelanarayanan P.	Zoology	Research Journal of Biotechnology	2019-2020	Vol. 15 (11)	Scopus
57	Dried lemon peel enriched diet improves antioxidant activity, immune response and modulates immuno-antioxidant genes in <i>Labeo rohita</i> against <i>Aeromonas sorbia</i>	Harikrishnan R., Thamizharasan S., Devi G., Van Doan H., Ajith Kumar T.T., Hoseinifar S.H., Balasundaram C	Zoology	Fish and Shellfish Immunology	2019-2020	10.1016/j.fsi.2020.07.040	Scopus
58	BUTTERFLIES DIVERSITY (LEPIDOPTERA: PAPILIONOIDEA) IN AGRO-ECOSYSTEMS OF TIRUCHIRAPPALLI DISTRICT OF TAMIL NADU, INDIA	V. Ramesh	Zoology	UTTAR PRADESH JOURNAL OF ZOOLOGY	2019-2020	ISSN: 0256-971X (P)	Web of Science
59	Impact of vehicular traffic on birds in Tiruchirappalli District, Tamil Nadu, India	Siva T., Neelanarayanan P.	Zoology	Journal of Threatened Taxa	2019-2020	10.11609/jott.5532.12.10.16352-16356	Scopus

60	Theoretical studies of group 10 metal gallylene complexes [TM(CO) <sub>3</sub> (GaX)]	A. Sekar	Chemistry	Computational and Theoretical Chemistry	2019-2020	doi.org/10.1016/j.comptc.2020.113139	Scopus
61	Correction to: Coordination of indium monohalide with group-10 metal carbonyls [TM(CO) <sub>3</sub> (InX)]: a DFT study (Chemical Papers, (2021),	A. Sekar	Chemistry	Chemical Papers	2019-2020	<a href="https://doi.org/10.1007/s11696-020-01319-7">doi.org/10.1007/s11696-020-01319-7</a>	Scopus
62	Structural, cytotoxicity and molecular docking studies of some quinoline schiff bases and their Pd(II), Mn(II) and Ru(II) complexes	Umadevi M., Muthuraj V., Vanajothi R.	Chemistry	Journal of Molecular Structure	2019-2020	<a href="https://doi.org/10.1016/j.molstruc.2020.128778">doi.org/10.1016/j.molstruc.2020.128778</a>	Scopus
63	Effects on anti-inflammatory, DNA binding and molecular docking properties of 2-chloroquinolin-3-yl-methylene-pyridine/pyrazole derivatives and their palladium(II) complexes	Bhuvaneswari S., Umadevi M., Vanajothi R.	Chemistry	Bioorganic and Medicinal Chemistry Letters	2019-2020	<a href="https://doi.org/10.1016/j.bmcl.2020.127593">doi.org/10.1016/j.bmcl.2020.127593</a>	Scopus
64	In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2	C. Sathishkumar, R. Surendrakumar, A. Idhayadhulla	Chemistry	Journal of Infection and Public Health	2019-2020	10.1016/j.jiph.2020.09.002	Scopus

65	Antimicrobial and cytotoxic activities of isoniazid connected menthone derivatives and their investigation of clinical pathogens causing infectious disease	A. Idhayadhulla	Chemistry	Journal of Infection and Public Health	2019-2020	<a href="https://doi.org/10.1016/j.jiph.2020.12.033">https://doi.org/10.1016/j.jiph.2020.12.033</a>	Scopus
66	Synthesis and Characterization of A minophosphonate Containing Chitosan Polymer Derivatives: Investigations of Cytotoxic Activity and in Silico Study of SARS-CoV-19	R. Surendrakumar, A. Idhayadhulla	Chemistry	Polymers	2019-2020	doi.org/10.3390/polym13071046	Scopus
67	Green catalyst Cu(II)-enzyme-mediated eco-friendly synthesis of 2-pyrimidinamines as potential larvicides against Culexquinquefasciatus mosquito and toxicity investigation against non-target aquatic species	C. Sathishkumar, R. Surendrakumar, A. Idhayadhulla	Chemistry	Bioorganic Chemistry	2019-2020	DOI: 10.1016/j.bioorg.2021.104697	Scopus
68	Grindstone Chemistry: Design, One-Pot Synthesis, and Promising Anticancer Activity of Spiro[acridine-9,2'-indoline]-1,3,8-trione	R. Surendrakumar, A. Idhayadhulla	Chemistry	Molecules	2019-2020	doi.org/10.3390/molecules25245862	Scopus

	Derivatives against the MCF-7 Cancer Cell Line						
69	Synthesis of novel coumarin analogues: Investigation of molecular docking interaction of SARS-CoV-2 proteins with natural and synthetic coumarin analogues and their pharmacokinetics studies	C. Sathishkumar, R. Surendrakumar, A. Idhayadhulla	Chemistry	Saudi Journal of biological sciences	2019-2020	doi.org/10.1016/j.sjbs.2020.11.038	Scopus
70	Tel-Cu-NPs catalyst: Synthesis of naphtho[2,3-g]phthalazine derivatives as potential inhibitors of tyrosinase enzymes and their investigation in kinetic, molecular docking, and cytotoxicity studies	A. Idhayadhulla	Chemistry	Catalysts	2019-2020	doi.org/10.3390/catal10121442	Scopus
71	Larvicidal activity of novel anthraquinone analogues and their molecular docking studies	R. Surendrakumar, A. Idhayadhulla	Chemistry	Saudi Journal of biological sciences	2019-2020	doi.org/10.1016/j.sjbs.2020.09.028	Scopus

72	Antimicrobial activity of novel 5-benzylidene-3-(3-phenylallylideneamino)imidazolidine-2,4-dione derivatives causing clinical pathogens: Synthesis and molecular docking studies	R. Surendrakumar, A. Idhayadhulla	Chemistry	Journal of Infection and Public Health	2019-2020	doi.org/10.3390/polym13071046	Scopus
73	Dopamine-mediated vanillin multicomponent derivative synthesis via grindstone method: Application of antioxidant, anti-tyrosinase, and cytotoxic activities	A. Idhayadhulla	Chemistry	Drug Design, Development and Therapy	2019-2020	doi.org/10.3390/polym13071046	Scopus
74	NICKEL (II) COMPLEXES SYNTHESIS, CHARACTERIZATION AND ITS LARVICIDAL, AND ANTIFEEDANT ACTIVITIES	M. Ramesh	Chemistry	Annals of R.S.C.B.	2019-2020	ISSN 1583-6258	Scopus
75	Synergetic effect of Sn doped ZnO nanoparticles synthesized via ultrasonication technique and its photocatalytic and antibacterial activity	V.Pandiyan	Physics	Environmental Research	2019-2020	<a href="https://doi.org/10.1016/j.envres.2021.111115">doi.org/10.1016/j.envres.2021.111115</a>	Scopus

76	<i>Costus speciosus</i> koen leaf extract assisted cs-znx (X = O or S) nanomaterials: Synthesis, characterization and photocatalytic degradation of rr 120 dye under uv and direct sunlight	S. Ravikumar, V. Pandiyan	Physics	Journal of Molecular Structure	2019-2020	<a href="https://doi.org/10.1016/j.molstruc.2020.129176">doi.org/10.1016/j.molstruc.2020.129176</a>	Scopus
77	Excess thermodynamic properties and FTIR studies of binary of 1, 3-dichlorobenzene with alkyl acetates (C1â€C5) at different temperatures	R. Raju, S. Ravikumar, V. Pandiyan	Physics	Chemical Data Collections	2019-2020	<a href="https://doi.org/10.1016/j.cdc.2020.100504">doi.org/10.1016/j.cdc.2020.100504</a>	Scopus
78	Influence of Nickel concentration on the photocatalytic dye degradation (methylene blue and reactive red 120) and antibacterial activity of ZnO nanoparticles	V.Pandiyan	Physics	Ceramics International	2019-2020	<a href="https://doi.org/10.1016/j.ceramint.2020.05.054">doi.org/10.1016/j.ceramint.2020.05.054</a>	Scopus
79	Enhanced antibacterial and photocatalytic degradation of reactive red 120 using lead substituted ZnO nanoparticles prepared by ultrasonic-assisted co-precipitation method	V.Pandiyan	Physics	Ceramics International	2019-2020	<a href="https://doi.org/10.1016/j.ceramint.2020.05.020">doi.org/10.1016/j.ceramint.2020.05.020</a>	Scopus

80	Synthesis, characterization of porphyrin and CdS modified spherical shaped SiO <sub>2</sub> for Reactive Red 120 degradation under direct sunlight	V.Pandiyan	Physics	Journal of Molecular Structure	2019-2020	<a href="https://doi.org/10.1016/j.molstruc.2020.128021">doi.org/10.1016/j.molstruc.2020.128021</a>	Scopus
81	Antifungal susceptibility and virulence profile of candida isolates from abnormal vaginal discharge of women from southern India	M. Pramila	Biotechnology	European journal of obstetrics and gynecology and reproductive biology	2019-2020	<a href="https://doi.org/10.1016/j.ejogrb.2020.09.021">10.1016/j.ejogrb.2020.09.021</a>	Scopus
82	Comparative investigation on antimicrobial and phytochemical profiling of cyclea peltata and tiliocora acuminata	U. Maniarasan, N. Nagarajan	Journal of Applied Biology & Biotechnology	botany	2019-2020	10.7324/JABB.2020.803011	Scopus
83	PERFORMANCE AND SELLING FUNCTIONS OF VEGETABLE CULTIVATION FARMERS IN TAMILNADU	Mrs. N. Thilagavathi	Indian Journal of Adult Education	Economics	2019-2020	ISSN : 0019-5006	UGC
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85	A STUDY OF STRESS AND JOB SATISFACTION OF DUAL CAREER	Mrs. N. Thilagavathi	Journal of the Maharaja Sayajirao	Economics	2019-2020	ISSN : 0025-0422	UGC

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86	Realization of all logic gates and memory latch in the SC-CNN cell of the simple nonlinear MLC circuit	P. Ashokkumar, M. Sathish Aravindh, A. Venkatesan, <i>and</i> M. Lakshmanan	<a href="#"><u>Chaos: An Interdisciplinary Journal of Nonlinear Science</u></a>	Physics	2019-2020	<a href="#"><u>10.1063/5.0046968</u></a>	Scopus

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## High pressure studies on the Transport properties and upper critical field ( $H_{c2}$ ) of hole-doped $\text{Pr}_{0.8}\text{Sr}_{0.2}\text{FeAsO}$ iron pnictides

J Supercond Nov Magn  
DOI 10.1007/s10948-016-3485-3



ORIGINAL PAPER

### High Pressure Studies on the Transport Properties and Upper Critical Field ( $H_{c2}$ ) of Hole-Doped $\text{Pr}_{0.8}\text{Sr}_{0.2}\text{FeAsO}$ Iron Pnictides

S. Kumararaman<sup>1</sup> · N. R. Tamilselvan<sup>1</sup> · K. Murata<sup>2</sup> · H. Yoshino<sup>2</sup>

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1 Journal of Superconductivity and Novel Magnetism	2.3	44% 226/403 Condensed Matter Physics	4,381	1,869	62

Footnote 1: Post Graduate and Research Department of Physics, Nehru Memorial College, Tiruchirappalli 620007, India

Footnote 2: Graduate School of Science, Osaka City University, 3-3-138 Sumiyoshi-ku, Osaka 558 8585, Japan

# Analytical treatment for synchronizing chaos through unidirectional coupling and implementation of logic gates

Doi = <https://doi.org/10.1007/s12043-016-1199-5>

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Published: 08 April 2016

## Analytical treatment for synchronizing chaos through unidirectional coupling and implementation of logic gates

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*Pramana* **86**, 1195–1207 (2016) | [Cite this article](#)

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# Duffing-van der Pol oscillator type dynamics in Murali-Lakshmanan-Chua (MLC) circuit

Doi = <https://doi.org/10.1016/j.chaos.2015.11.005>



Chaos, Solitons & Fractals  
Volume 82, January 2016, Pages 60-71



## Duffing–van der Pol oscillator type dynamics in Murali–Lakshmanan–Chua (MLC) circuit

K. Srinivasan<sup>a,\*</sup>, V.K. Chandrasekar<sup>b</sup>, A. Venkatesan<sup>a</sup>, J. Raja Mohamed<sup>c</sup>

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Received 26 May 2015, Revised 24 October 2015, Accepted 4 November 2015, Available online 28 November 2015.

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# Effect of asymmetry parameter on the dynamical states of nonlocally coupled nonlinear oscillators

Doi = <https://doi.org/10.1103/PhysRevE.91.062916>

Effect of asymmetry parameter on the dynamical states of nonlocally coupled nonlinear oscillators

R. Gopal, V. K. Chandrasekar, D. V. Senthilkumar, A. Venkatesan, and M. Lakshmanan  
Phys. Rev. E **91**, 062916 – Published 25 June 2015

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**ABSTRACT**

We show that coexisting domains of coherent and incoherent oscillations can be induced in an ensemble of any identical nonlinear dynamical systems using nonlocal rotational matrix coupling with an asymmetry parameter. Further, a chimera is shown to emerge in a wide range of the asymmetry parameter in contrast to near  $\frac{1}{2}$  values of it employed in earlier works. We have also corroborated our results using the strength of incoherence in the frequency domain ( $S_c$ ) and in the amplitude domain ( $S$ ), thereby distinguishing the frequency and amplitude chimeras. The robust nature of the asymmetry parameter in inducing chimeras in any generic dynamical system is established using ensembles of identical Rössler oscillators, Lorenz systems, and Hindmarsh-Rose neurons in their chaotic regimes.

3 More  
Received 17 February 2015 Revised 20 April 2015  
DOI: <https://doi.org/10.1103/PhysRevE.91.062916>  
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ISSN: 2470-0045 E-ISSN: 2470-0053  
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# Different types of synchronization in coupled network based chaotic circuits

[doi.org/10.1016/j.cnsns.2016.03.002](https://doi.org/10.1016/j.cnsns.2016.03.002)

Commun Nonlinear Sci Numer Simulat 39 (2016) 156–168



Contents lists available at ScienceDirect

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journal homepage: [www.elsevier.com/locate/cnsns](http://www.elsevier.com/locate/cnsns)



## Different types of synchronization in coupled network based chaotic circuits



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# Fabrication of Ag<sub>2</sub>SeTe thin films by thermal evaporation

doi.org/10.1179/1743294414Y.0000000353



Surface Engineering >  
Volume 32, 2016 - Issue 4

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Original Article  
**Fabrication of Ag<sub>2</sub>SeTe thin films by thermal evaporation**  
C. Vijayan, M. Pandiaraman, N. Soundararajan, R. Chandramohan & S. Ramaswamy  
Pages 267-271 | Received 23 Jan 2014, Accepted 14 Aug 2014, Published online: 28 Aug 2014

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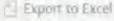
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**Karuppattan, P and Saravanan, K. 2016.**

**Ethnobotanical, phytochemical and pharmaceutical studies of medicinal plants  
*Ventilago maderaspatana* Gaertn Red Creeper: A Review. *International  
Journal of current Pharmaceutical Research*. 8:**

The screenshot shows the Scopus Preview search interface. At the top, there are navigation links for Dashboard, Author search, and Sources. A search bar contains the text 'International Journal Of Current Pharmaceutical Research'. Below the search bar, a notification box titled 'Improved Citescore' provides information about the updated methodology. The search results section shows '1 result' for the journal 'International Journal of Current Pharmaceutical Research'. The table below lists the journal's metrics for the year 2020.

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 International Journal of Current Pharmaceutical Research	N/A	N/A	N/A	N/A	N/A



**International Journal of Current Pharmaceutical Research**

ISSN- 0975-7066

Vol 8, Issue 1, 2016

**Review Article**

**ETHNOBOTANICAL, PHYTOCHEMICAL AND PHARMCEUTICAL STUDIES OF MEDICINAL  
PLANT, *VENTILAGO MADERASPATANA* GAERTN (RED CREEPER): A REVIEW**

**KARUPPANNAN PERIYASAMY\*, SARAVANAN KALIYAPERUMAL**

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**ABSTRACT**

Traditional plant therapies increasing in recent decade has a new wave of the research interest in plant kingdom. Scientific studies on a number of medicinal plants indicate that promising phytochemical compounds can be developed new drugs for many health problems. *Ventilago maderaspatana* (Red creeper) is medicinal plant traditionally used for the control of various diseases such as dyspepsia, leprosy, puruitis, etc. Chemical studies have shown that, stem bark contains Flavonoids, tannins etc. Some parts of its phytochemicals possess anticancer, antidiabetics and antiulcers activities. Thus, the present review made an attempt to highlight the ethno botanical and traditional uses as well as phytochemical and pharmacological studies on *V. maderaspatana* and it will help to develop new ailments for the treatment of various diseases.

**Keywords:** *Ventilago maderaspatana*, Ethnobotany, Pharmaceutical, Phytochemical, Pharmacology.

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**Renuka, C., Elavarasi, S., Saravanan, K and Revathi, G.** 2015. **Antihyperlipidemic activity of Biophytum sensitivum extracts in Streptozotocin (STZ) induced diabetic albino rats. International Journal of Pharma and Bio Sciences.** 6(p): 128-135.

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for Dashboard, Author search, and Sources. The main heading is 'Sources'. Below it, there is a search bar with the text 'Enter title' and a 'Find sources' button. The search results show one result for 'International Journal Of Pharma And Bio Sciences'. The interface includes filter and display options on the left, such as 'Filter refine list', 'Apply', 'Clear filters', 'Display options', and 'Display only Open Access journals'. The search results table has columns for Source title, CiteScore, Highest percentile, Citations, Documents, and % Cited. The result for 'International Journal of Pharma and Bio Sciences' shows N/A for all metrics. The year 2020 is selected for viewing metrics.

Int J Pharm Bio Sci 2015 Oct; 6(4): (P) 128 - 135

**Research Article** **Bio Pharmaceutics**

---



**International Journal of Pharma and Bio Sciences**

**ISSN  
0975-6299**

---

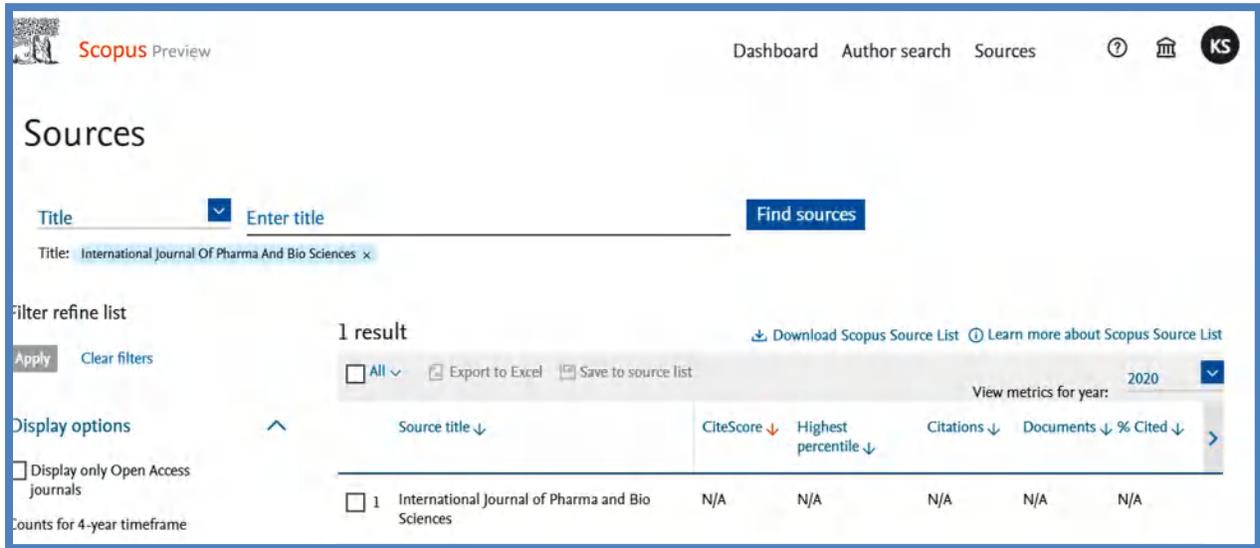
**ANTIHYPERLIPIDEMIC ACTIVITY OF *BIOPHYTUM SENSITIVUM* EXTRACTS IN STREPTOZOTOCIN (STZ) INDUCED DIABETIC ALBINO RATS**

**RENUKA, C. ELAVARASI, S. SARAVANAN, K\* AND REVATHI, G.**

*PG & Research Department of Zoology Nehru Memorial College (Autonomous), Puthanampatti – 621 007, Tiruchirappalli District, Tamil Nadu, India.*

**Revathi G.**, Elavarasi S., **Saravanan K.** 2015.

Evaluation of toxic effect of traditionally used antidiabetic polyherbal formulation on albino rats. **International Journal of Pharma and Bio Sciences**. 6(B): 181-187



The screenshot shows the Scopus Sources interface. At the top, there is a search bar with the text "Title" and "Enter title" and a "Find sources" button. Below the search bar, the title "International Journal Of Pharma And Bio Sciences" is entered. On the left side, there are filter options: "Filter refine list" with "Apply" and "Clear filters" buttons, and "Display options" with a checkbox for "Display only Open Access journals" and "Counts for 4-year timeframe". The main content area shows "1 result" with a table of metrics for the year 2020. The table has columns for "Source title", "CiteScore", "Highest percentile", "Citations", "Documents", and "% Cited". The single result is "International Journal of Pharma and Bio Sciences" with all metrics listed as "N/A".

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 International Journal of Pharma and Bio Sciences	N/A	N/A	N/A	N/A	N/A

Int J Pharm Bio Sci 2015 Oct ; 6(4): (B) 181 - 187

Research Article

Biochemistry



**International Journal of Pharma and Bio Sciences**

**ISSN  
0975-6299**

**EVALUATION OF TOXIC EFFECT OF TRADITIONALLY USED ANTIDIABETIC  
POLYHERBAL FORMULATION ON ALBINO RATS**

**REVATHI. G , ELAVARASI.S\* AND SARAVANAN.K.**

*PG & Research Dept. of Zoology, Nehru Memorial College (Autonomous),  
Puthanampatti – 621 007, Tiruchirappalli District, Tamil Nadu, India.*

# Collection and Data mining of bioactive compounds with cancer treatment properties in the plants of fabaceae family.

E-ISSN: 0975-8232; P-ISSN: 2320-5148

Velusamy et al., IJPSR, 2016; Vol. 7(5): 2065-2073.

E-ISSN: 0975-8232; P-ISSN: 2320-5148

IJPSR (2016), Vol. 7, Issue 5

(Research Article)



INTERNATIONAL JOURNAL  
OF  
PHARMACEUTICAL SCIENCES  
AND  
RESEARCH



Received on 07 December, 2015; received in revised form, 26 January, 2016; accepted, 07 February, 2016; published 01 May, 2016

## COLLECTION AND DATA-MINING OF BIOACTIVE COMPOUNDS WITH CANCER TREATMENT PROPERTIES IN THE PLANTS OF FABACEAE FAMILY

Balan Velusamy, Saravanan Kaliyaperumal\* and Arulpriya Raju

PG & Research Department of Zoology, Nehru Memorial College (Autonomous) Puthanampatti – 621 007, Tiruchirapalli, Tamilnadu, India.

## Scopus

The screenshot shows the Scopus search interface. At the top, there are navigation links for 'Author search', 'Sources', and 'Create account'. The search results section is titled 'Sources' and shows a search for 'International Journal of Pharmaceutical Sciences Review and Research'. The results table contains one entry with the following data:

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
International Journal of Pharmaceutical Sciences Review and Research	N/A	N/A	N/A	N/A	N/A

# Effect of different animal manure on Vermicomposting of mixed leaves litter by utilizing an exotic earthworm, *Eudriluseugeniae*.

ISSN 2320-5407

International Journal of Advanced Research (2015), Volume 3, Issue 7, 1360-1376



ISSN NO. 2320-5407

Journal homepage: <http://www.journalijar.com>

INTERNATIONAL JOURNAL  
OF ADVANCED RESEARCH

## RESEARCH ARTICLE

### EFFECT OF DIFFERENT ANIMAL MANURE ON VERMICOMPOSTING OF MIXED LEAVES LITTER BY UTILIZING AN EXOTIC EARTHWORM, *EUDRILUS EUGENIAE*

\*Viji, J. And Neelanarayanan, P.

Centre For Eco-friendly Agro-Technologies (Vermibiotechnology) Research Department of Zoology,  
Nehru Memorial College (Autonomous), Puthanampatti – 621 007 Tiruchirappalli District, Tamil Nadu, India

## Scopus

Scopus Preview Author search Sources ? ⓘ Create account Sign in

### Sources

Title  Enter title

Title: International Journal Of Advanced Research In Engineering And Technology x

Filter refine list  Clear filters

Display options  Display only Open Access journals Counts for 4-year timeframe

1 result

All

View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 International Journal of Advanced Research In Engineering and Technology	N/A	N/A	N/A	N/A	N/A

Senthamarai Selvan.P, Jebanesan.A., Divya.G and Ramesh.V. 2015.

Diversity of Mosquitoes and larval breeding preference based of physio – chemical parameters in western ghats, Tamilnadu, India. *Asian Pacific Journal of Tropical Medicine*. 5: s59-s66  
[https://doi.org/10.1016/S2222-1808\(15\)60858-1](https://doi.org/10.1016/S2222-1808(15)60858-1)

The screenshot shows the Web of Science Master Journal List interface. At the top, there are navigation links: Master Journal List, Search Journals, Match Manuscript, Downloads, and Help Center. There are also buttons for Login and Create Free Account. A blue banner at the top right contains the text: "The power of the Web of Science™ on your mobile device, wherever inspiration strikes." Below this, there are links for Dismiss and Learn More. The main content area is divided into several sections. On the left, there is a section titled "Already have a manuscript?" with a "Find a Match" button. In the center, there is a search bar containing "Asian Pacific Journal of Tropical Disease" and a "Search" button. Below the search bar, it says "Refine Your Search Results" and "Search Results". On the right, there is a "Sort By:" dropdown menu set to "Relevancy". Below the search results, there is a section titled "Did you mean this journal?" which lists "ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE". To the left of this section, there are filters for "Web of Science Coverage", "Open Access", "Category", and "Country / Region". Below the journal title, there is a "Publisher:" field with the text "WOLTERS KLUWER MEDKNOW PUBLICATIONS, WOLTERS KLUWER INDIA PVT LTD, A-202, 2ND FLR, QUBE, C T S NO 1498A-2 VILLAGE MAROL, ANDHERI EAST, MUMBAI, INDIA, 400059". There is also an "ISSN / eISSN:" field with the text "1995-7645 / 2352-4146". At the bottom right, there is an "Activate Windows" watermark.

The cover page features the Elsevier logo on the left and a small image of a tropical landscape on the right. The title "Asian Pacific Journal of Tropical Disease" is prominently displayed in the center, with the subtitle "Volume 5, Supplement 1, 2015, Pages S59-S66" below it. The article is identified as an "Original article" and titled "Diversity of mosquitoes and larval breeding preference based on physico-chemical parameters in Western Ghats, Tamilnadu, India". The authors are listed as Periyasamy Senthamarai Selvan<sup>a</sup>, Arulsamy Jebanesan<sup>a</sup>, Govindaraj Divya<sup>b</sup>, and Velu Ramesh<sup>c</sup>. The affiliations are provided for each author: <sup>a</sup> Division of Vector Biology, Department of Zoology, Annamalai Univesity, Annamalainagar-608 002, Tamilnadu, India; <sup>b</sup> Division of Plant Biotechnology, Institute of Forest Genetics and Tree Breeding (ICFRE), Coimbatore-641 002, Tamilnadu, India; and <sup>c</sup> Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti-621 007, Trichirappalli, Tamilnadu, India. At the bottom, the publication timeline is given: Received 24 November 2014, Revised 4 December 2014, Accepted 20 March 2015, Available online 20 June 2015.

# Synthesis, characterization and biological studies of copper(II) complexes of 2-(Piperidin-4-ylmethyl) isoindoline-1,3-dione

ISSN: 0974-4304



**PharmTech**

**International Journal of PharmTech Research**

CODEN (USA): IJPRIF, ISSN: 0974-4304, ISSN(Online): 2455-9563

Vol.9, No.5, pp 240-246, 2016

## Synthesis, Characterization and Biological Studies of Copper(II) Complexes of 2-(Piperidin-4-ylmethyl) isoindoline-1,3-dione

M. Ramesh\*

Department of Chemistry, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli-621 007, India

### Scopus



Scopus Preview

Author search Sources



Create account

Sign in

### Sources

Title  Enter title

Find sources

Title: International Journal Of PharmTech Research x

#### Filter refine list

Apply Clear filters

#### Display options

Display only Open Access journals

Counts for 4-year timeframe

1 result

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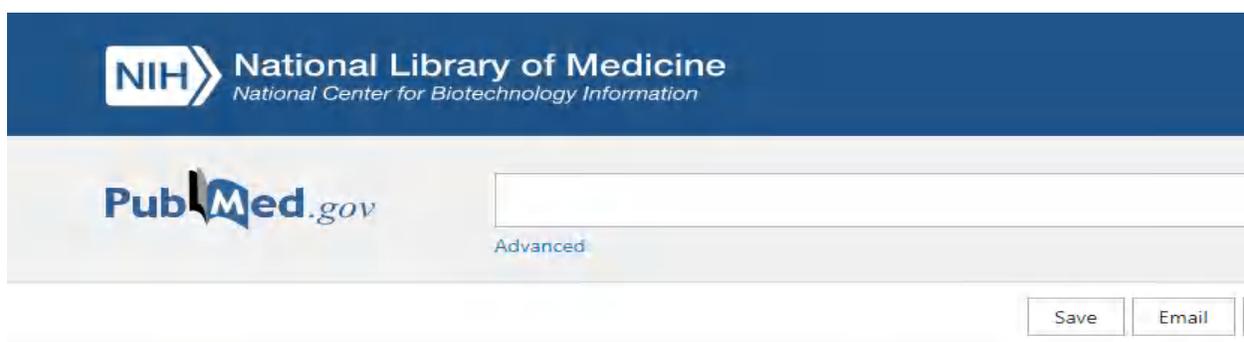
All  Export to Excel  Save to source list

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1	International Journal of PharmTech Research	N/A	N/A	N/A	N/A	N/A

## Re2O7-catalyzed formal [3+2] cycloaddition for diverse naphtho[1,2-b]furan-3-carboxamides and their biological evaluation

DOI: 10.1007/s11030-015-9630-2



NIH National Library of Medicine  
National Center for Biotechnology Information

PubMed.gov

Advanced

Save Email

> Mol Divers. 2016 Feb;20(1):17-28. doi: 10.1007/s11030-015-9630-2. Epub 2015 Aug 11.

### Re2O7-catalyzed formal [3 + 2] cycloaddition for diverse naphtho[1,2-b]furan-3-carboxamides and their biological evaluation

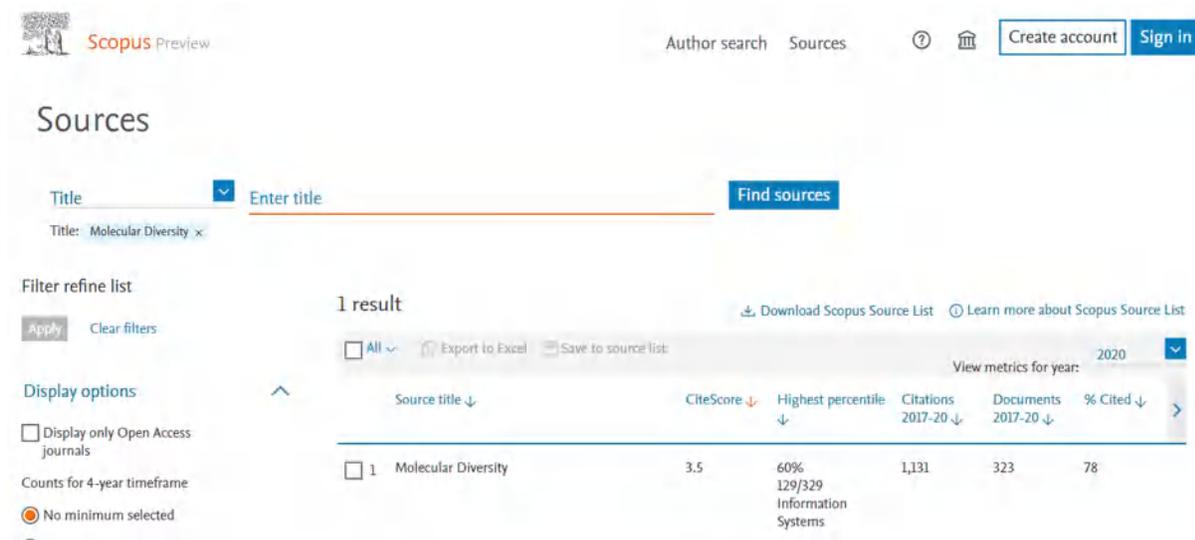
Likai Xia<sup>1</sup>, Akber Idhayadhulla<sup>1</sup>, Yong Rok Lee<sup>2</sup>

Affiliations – collapse

#### Affiliations

- 1 School of Chemical Engineering, Yeungnam University, Gyeongsan, 712-749, Republic of Korea.
- 2 School of Chemical Engineering, Yeungnam University, Gyeongsan, 712-749, Republic of Korea. yrlee@yu.ac.kr.

## Scopus



Scopus Preview

Author search Sources ? ⓘ Create account Sign in

### Sources

Title  Enter title

Title: Molecular Diversity x

Filter refine list

Clear filters

Display options

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

1 result

View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Molecular Diversity	3.5	60% 129/329 Information Systems	1,131	323	78

# Evaluating the In Vitro Antagonism of Secondary Metabolites Fractionated from the Brown Algae, *Sargassum swartzii* against Human *Candida* spp.

DOI: 10.21767/2172-0479.100051

## Translational Biomedicine

Home Articles Authors Editors In Detail Information Citations Contact Us RSS

### Evaluating the In Vitro Antagonism of Secondary Metabolites Fractionated from the Brown Algae, *Sargassum swartzii* against Human *Candida* spp.

Aseer Manilal<sup>1\*</sup>, Gemechu Ameya<sup>1</sup>, Tigist Gezmu<sup>1</sup>, Behailu Merdekios<sup>1</sup>, Sabarathnam Balu<sup>2</sup>, Akbar Idhayadhulla<sup>3</sup> and R. Surendra Kumar<sup>3</sup>

<sup>1</sup>College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia  
<sup>2</sup>Department of Comprehensive Dentistry, University of Texas Health Science Centre, San Antonio, Texas-78229, USA  
<sup>3</sup>PG and Research Department of Chemistry, Nehru Memorial College, Puthanampatti -621007, Tamil nadu, South India

**\*Corresponding Author:**  
Aseer Manilal  
Department of Medical Laboratory Sciences, College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia  
**Tel:** 251-919904201  
**E-mail:** aseermanilal@gmail.com

**Received Date:** Feb 01, 2016; **Accepted Date:** Feb 22, 2016; **Published Date:** Feb 25, 2016

## Scopus

Scopus Preview Author search Sources ? Sign in Create account

### Sources

Title  Enter title

Title: Translational Biomedicine x

Filter refine list

Display options  Display only Open Access journals

Counts for 4-year timeframe

1 result

All

View metrics for year: 2020

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 Translational Biomedicine	N/A	N/A	N/A	N/A	N/A

# An In Vitro Antibacterial and Cytotoxic Potentials of Bioactive Metabolites Extracted from Padinatetrastromatica

DOI: 10.21767/2172-0479.100040

## Translational Biomedicine

Home Articles Authors Editors In Detail Information Citations Contact Us RSS

### An In Vitro Antibacterial and Cytotoxic Potentials of Bioactive Metabolites Extracted from Padina tetrastromatica

Aseer Manilal<sup>1\*</sup>, Mohammedaman Mama<sup>1</sup>, Tigist Gezmu<sup>1</sup>, Behailu Merdekios<sup>1</sup>, Gemechu Ameya<sup>1</sup>, Shiju Easo John<sup>2</sup>, Akbar Idhayadhulla<sup>3</sup>

<sup>1</sup>College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia  
<sup>2</sup>Arba Minch Institute of Technology, Arba Minch University, Arba Minch, Ethiopia  
<sup>3</sup>Department of Chemistry, School of Basic Science, VELS University, Chennai 600117, Tamil Nadu, India

**\*Corresponding Author:**  
Aseer Manilal  
College of Medicine and Health Sciences Arba Minch University, Arba Minch, Ethiopia  
**Tel:** +251-919904201  
**Email:** aseermanilal@gmail.com

**Received Date:** Nov 25, 2015 **Accepted Date:** Jan 07, 2016 **Published Date:** Jan 11, 2016

## Scopus

Scopus Preview Author search Sources ? Sign in Create account

### Sources

Title  Enter title

Title: Translational Biomedicine x

Filter refine list  Clear filters

Display options  Display only Open Access journals Counts for 4-year timeframe

1 result

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1	Translational Biomedicine	N/A	N/A	N/A	N/A	N/A

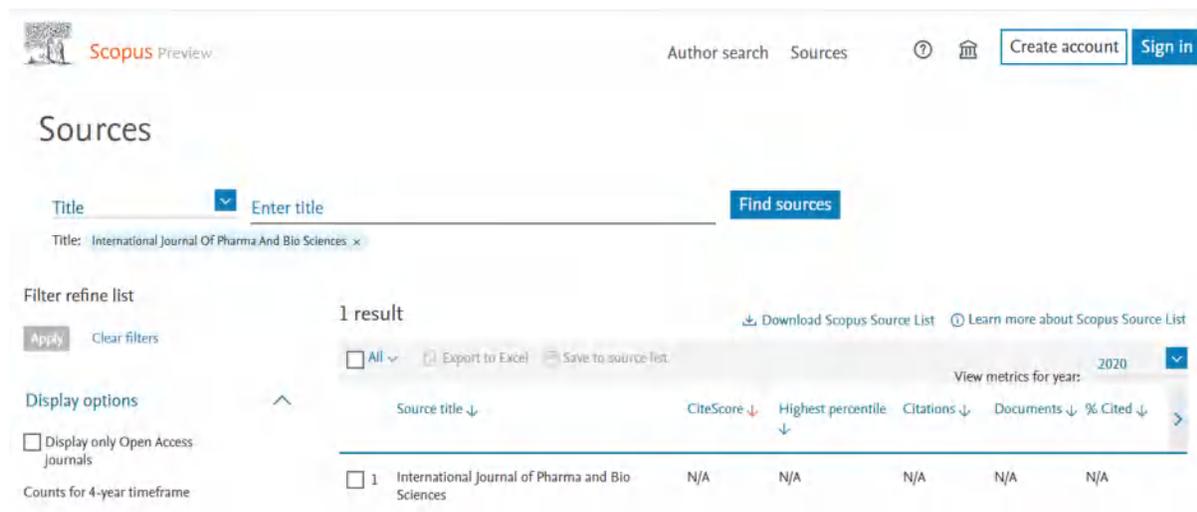
## Microbiological investigation on Vetiveria lawsonii

ISSN 0975-6299



The image shows the header of the International Journal of Pharma and Bio Sciences (IJPBS). The logo features a green leaf and a flask. The journal title is "INTERNATIONAL JOURNAL OF PHARMA AND BIO SCIENCES". The ISSN is 0975-6299 and the website is www.ijpbs.net. A navigation menu includes Home, Aim & Scope, Current Issue, Submit Manuscript, Copy Right Form, Editorial Board, Model Manuscript, Instructions to Authors, and Contact. Below the menu, there is a section for an "ORIGINAL RESEARCH ARTICLE" titled "MICROBIOLOGICAL INVESTIGATION ON VETIVERIA LAWSONII" by VIII SARAL ELEZABETH D AND RAMACHANDRAN P. The article is from Int J Pharm Bio Sci Volume 6 Issue 3, 2015 (July - September), Pages:472-475. To the right, there is a photograph of a fountain pen on a spiral notebook and a label "Pharmaceutical Fields".

## Scopus



The image shows the Scopus search results for the journal "International Journal of Pharma and Bio Sciences". The search was performed on the "Sources" page. The search criteria were "Title: International Journal Of Pharma And Bio Sciences". The results show 1 result. The table below displays the search results with columns for Source title, CiteScore, Highest percentile, Citations, Documents, and % Cited. The metrics for the year 2020 are all N/A.

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 International Journal of Pharma and Bio Sciences	N/A	N/A	N/A	N/A	N/A

# Synthesis and Biological Evaluation of Diverse Tetrahydrobenzofuran-4-ones as Potent Antibacterial Agents

[doi.org/10.1016/j.jiec.2014.07.035](https://doi.org/10.1016/j.jiec.2014.07.035)



Journal of Industrial and Engineering  
Chemistry

Volume 22, 25 February 2015, Pages 378-383



## Synthesis and biological evaluation of diverse tetrahydrobenzofuran-4-ones as potent antibacterial agents

Likai Xia<sup>a</sup>, Akber Idhayadhulla<sup>a</sup>, Yong Rok Lee<sup>a</sup>, Sung Hong Kim<sup>b</sup>, Young-Jung Wee<sup>c</sup>

<sup>a</sup> School of Chemical Engineering, Yeungnam University, Gyeongsan 712-749, Republic of Korea

<sup>b</sup> Analysis Research Division, Daegu Center, Korea Basic Science Institute, Daegu 702-701, Republic of Korea

<sup>c</sup> Department of Food Science and Technology, Yeungnam University, Gyeongsan 712-749, Republic of Korea

Received 17 June 2014, Revised 18 July 2014, Accepted 20 July 2014, Available online 27 July 2014.

### Scopus

Scopus Preview Author search Sources ⓘ ⓘ Create account Sign in

Sources

Title  Find sources

Title: Journal Of Industrial And Engineering Chemistry x

Filter refine list Apply Clear filters

Display options  Display only Open Access journals Counts for 4-year timeframe  No minimum selected

1 result [Download Scopus Source List](#) [Learn more about Scopus Source List](#)

All  Export to Excel  Save to source list View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Journal of Industrial and Engineering Chemistry	9.6	92% 22/279 General Chemical Engineering	20,610	2,143	87

# Nematicidal, Larvicidal and Antimicrobial activity of some new Mannich base imidazole derivatives

DOI: [10.4314/tjpr.v14i8.16](https://doi.org/10.4314/tjpr.v14i8.16)

Tropical Journal of Pharmaceutical Research | August 2015; 14 (8): 1435-1443

ISSN: 1596-5996 (print); 1596-9827 (electronic)

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Available online at <http://www.tjpr.org>  
<http://dx.doi.org/10.4314/tjpr.v14i8.16>

## Original Research Article

### Nematicidal, Larvicidal and Antimicrobial Activities of Some New Mannich Base Imidazole Derivatives

Xiangxiong Chen<sup>1\*</sup>, Seung Woo Lee<sup>1</sup>, Akbar Idhayadhulla<sup>2</sup>, Radhakrishnan Surendra Kumar<sup>3</sup> and Aseer Manilal<sup>4</sup>

<sup>1</sup>School of Chemical Engineering, Yeungnam University, Gyeongsan, South Korea, <sup>2</sup>Department of Chemistry, School of Basic Sciences, Vels Institute of Science, Technology & Advanced Studies - VELS University, Chennai-600117, Tamil Nadu, India;

<sup>3</sup>Department of Chemistry, Shivani Engineering College, (Affiliated to Anna University), Tiruchirappalli, Tamil Nadu, India;

<sup>4</sup>Department of Medical Laboratory Sciences, College of Medicine and Health sciences, Arba Minch University, Arba Minch, Ethiopia

\*For correspondence: Email: [c.xiangxiong@yahoo.com](mailto:c.xiangxiong@yahoo.com)

Received: 5 January 2015

Revised accepted: 30 June 2015

## Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Title" and "Enter title". Below the search bar, the search results are displayed. The search criteria are "Title: Tropical Journal Of Pharmaceutical Research". The results list shows one result for "Tropical Journal of Pharmaceutical Research Open Access". The table below summarizes the search results.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Tropical Journal of Pharmaceutical Research Open Access	1.0	37% 105/166 Pharmaceutical Science	1,336	1,400	38

# Anti-inflammatory activity of novel 1,4-dihydropyridine derivative

DOI:10.1007/s11094-015-1305-x

ResearchGate Search for publications, researchers, or questions or Discover by subject area

Article

## Anti-Inflammatory Activity of New Series of 1,4-Dihydropyridine Derivatives

October 2015 · *Pharmaceutical Chemistry Journal* 49(7)  
DOI:10.1007/s11094-015-1305-x

Authors:

-  **A. IDHAYADHULLA**  
Nehru Memorial College
-  **Dr. R. Surendra Kumar**  
Nehru Memorial College
-  **A. Jamal Abdul Nasser**  
Jamal Mohamed College
-  **S. Kavimani**  
Mother Theresa Post Graduate and Resea...

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## Scopus

Scopus Preview Author search Sources ? [Create account](#) [Sign in](#)

### Sources

Title  Enter title [Find sources](#)

Title: Pharmaceutical Chemistry Journal x

Filter refine list [Apply](#) [Clear filters](#)

Display options  Display only Open Access Journals  
Counts for 4-year timeframe  No minimum selected

1 result [Download Scopus Source List](#) [Learn more about Scopus Source List](#)

All  Export to Excel  Save to source list

View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Pharmaceutical Chemistry Journal	0.9	21% 233/297 Pharmacology	706	793	41

# An in vitro antibacterial and anticandidal activity of *Sonneratia alba* (J. Smith)



Thalassas, 31(2) - July 2015: 67-73  
An International Journal of Marine Sciences



## AN *in vitro* ANTIBACTERIAL AND ANTICANDIDAL ACTIVITY OF *Sonneratia alba* (J. SMITH)

ASEER MANILAL<sup>(1)\*</sup>, BEHAILU MERDEKIOS<sup>(1)</sup>, TIGIST GEZMU<sup>(1)</sup> & AKBAR IDHAYADHULLA<sup>(2)</sup>

(1) College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia.  
(2) School of Chemical Engineering, Yeungnam University, Gyeongsan 712-749, South Korea.

\*Aseer Manilal (corresponding author)  
College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia.  
Tel: +251-919904201, Email: aseermanilal@gmail.com

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Thalassas' entered. To the right of the search bar are buttons for 'Author search', 'Sources', 'Create account', and 'Sign in'. Below the search bar, the word 'Sources' is displayed. On the left side, there are options to 'Filter refine list' and 'Display options'. The main area shows '1 result' for the source 'Thalassas'. The result table includes columns for 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. The data for 'Thalassas' is: CiteScore 0.9, Highest percentile 18% (105/128 Oceanography), Citations 196, Documents 227, and % Cited 46.

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Thalassas	0.9	18% 105/128 Oceanography	196	227	46

# Environmental biotoxicity screening of some pyrrole and 1,4-dihydropyridine heterocyclic derivatives

DOI10.7324/japs.2015.50519

Journal of Applied Pharmaceutical Science Vol. 5 (05), pp. 101-105, May, 2015  
Available online at <http://www.japsonline.com>  
DOI: 10.7324/JAPS.2015.50519  
ISSN 2231-3354 

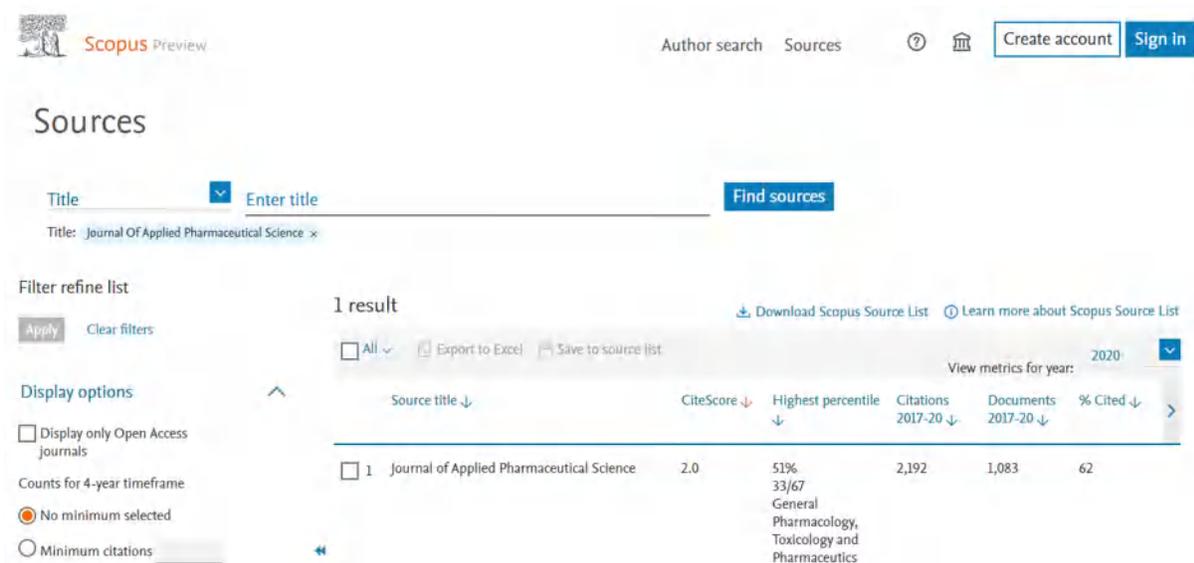
## Environmental biotoxicity screening of some pyrrole and 1,4-dihydropyridine heterocyclic derivatives

A. Idhayadhulla<sup>1</sup>, Aseer Manilal<sup>2</sup>, Behailu Merdekios<sup>2</sup> and R. Surendra Kumar<sup>3\*</sup>

<sup>1</sup>Department of Chemistry, Sri Vinayaga College of Arts and Science, (Affiliated to Thiruvalluvar University), Ulundurpet – 606 107, Villupuram(Dt), Tamil Nadu, India. <sup>2</sup>Department of Medical Laboratory Sciences, College of Medicine and Health sciences, Arba Minch University, Arba Minch, Ethiopia.

<sup>3</sup>Department of chemistry, Shivani Engineering College, Trichy, Tamil Nadu, India.

### Scopus



The screenshot shows the Scopus Sources page. At the top, there is a search bar with the text "Journal of Applied Pharmaceutical Science" entered. Below the search bar, there is a "Filter refine list" section with "Apply" and "Clear filters" buttons. To the right of the search bar, there are buttons for "Author search", "Sources", "Create account", and "Sign in".

The search results section shows "1 result". The table below displays the search results:

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Journal of Applied Pharmaceutical Science	2.0	51% 33/67 General Pharmacology, Toxicology and Pharmaceutics	2,192	1,083	62

## Anticonvulsant, analgesic and anti-inflammatory activities of some novel pyrrole and 1,4-Dihydropyridine derivatives

ResearchGate Search for publications, researchers, or questions or Discover by subject area

Article PDF Available

### Anticonvulsant, analgesic and anti-inflammatory activities of some novel pyrrole and 1,4-dihydropyridine derivatives

March 2015

Authors:

- S Indumathi
- R Karthikeyan
- A Jamal
- A. Jamal Abdul Nasser  
Jamal Mohamed College
- A. IDHAYADHULLA  
Nehru Memorial College
- Dr. R. Surendra Kumar  
Nehru Memorial College

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	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1	Journal of Chemical and Pharmaceutical Research	N/A	N/A	N/A	N/A	N/A

# An in vitro antagonistic efficacy validation of Rhizophoramucronata

DOI:10.1016/S2222-1808(14)60622-8

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## An in vitro antagonistic efficacy validation of Rhizophora mucronata

January 2015 Asian Pacific Journal of Tropical Disease 5(1):28-32  
DOI:10.1016/S2222-1808(14)60622-8  
Project: Anti cancer agent of Mitoxantrone

Authors:

- Aseer Manial** Arba Minch University
- Behailu Merdekios** Arba Minch University
- A. IDHAYADHULLA** Nehru Memorial College
- Chinnasamy Muthukumar** National College (Autonomous) Tiruchira

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Asian Pacific Journal of Tropical Disease Open Access	N/A	N/A	N/A	N/A	N/A

# Synthesis of novel three compound imidazole derivatives via Cu(II) catalysis and their larvicidal and antimicrobial activities

doi.org/10.1007/s00706-016-1746-2

Monatsh Chem  
DOI 10.1007/s00706-016-1746-2



ORIGINAL PAPER

## Synthesis of novel three compound imidazole derivatives via Cu(II) catalysis and their larvicidal and antimicrobial activities

Abdullah Alaklab<sup>1</sup> · Radhakrishnan Surendra Kumar<sup>2</sup> · Anis Ahamed<sup>3</sup> · Ibrahim A. Arif<sup>3</sup> · Aseer Manilal<sup>4</sup> · Akbar Idhayadhulla<sup>2,5</sup>

### Authors Affiliation

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<sup>2</sup> P.G. and Research Department of Chemistry, Nehru Memorial College, Puthanampatti, Tiruchirappalli 621007, Tamil Nadu, India

<sup>3</sup> Prince Sultan Research Chair for Environment and Wildlife, Department of Botany and Microbiology, College of Sciences, King Saud University (KSU), Riyadh, Saudi Arabia

<sup>4</sup> Department of Medical Laboratory Sciences, College of Medicine and Human Health, Arba Minch University, Arba Minch, Ethiopia

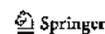
<sup>5</sup> Department of Chemistry, School of Basic Sciences, VELS University, Chennai 600117, Tamil Nadu, India

**Keywords** Imidazole · Catalysis · Mannich bases · Bioorganic chemistry · Antimicrobial activity · Larvicidal activity

### Introduction

*Culex* is a main genus of mosquito as a vector for several serious diseases, such as filariasis, west Nile virus, dengue fever, yellow fever, chikungunya, and other encephalitides. About 3.3 billion people of the world's population are at risk of malaria [1]. More than 1.3 billion people in 72 countries worldwide are threatened by lymphatic filariasis,

Published online: 20 April 2016



### Scopus

The screenshot shows the Scopus search interface. The search title is "Monatsh für Chemie". A notification box states: "Improved CitScore: We have updated the CitScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CitScore, as well as retroactively for all previous CitScore years (i.e. 2018, 2017, 2016...). The previous CitScore values have been removed and are no longer available. View CitScore methodology >". Below the notification, a table shows search results for "Monatsh für Chemie".

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	Cited
1. Monatsh für Chemie	2.7	53%	2,362	859	66

Additional details for the top result: 186/398 General Chemistry.

## Anti-inflammatory and antimicrobial activities of novel pyrazole analogues

doi.org/10.1016/j.sjbs.2015.07.005

The screenshot shows the PubMed interface for the article. The title is "Anti-inflammatory and antimicrobial activities of novel pyrazole analogues" by R. Surendra Kumar, Ibrahim A. Arif, Anis Ahamed, and Akbar Idhayadhulla. The journal is Saudi Journal of Biological Sciences, 2016 Sep; 23(5): 614-620. The article is available in various formats: Article, PubReader, ePub (beta), PDF (877K), and Cite. It is also shared on Facebook, Twitter, and Google+. The article is categorized under "Similar articles in PubMed" with related topics like antimicrobial and cytotoxic activities of isoniazid derivatives and synthesis of new pyrazole derivatives.

## Scopus

The screenshot shows the Scopus Sources page. The search criteria are "Saudi Journal of Biological Sciences". The results table shows one source:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Saudi Journal of Biological Sciences Open Access	5.3	90%	6,941	1,317	70

The page also includes a "Filter refine list" section with options to display only Open Access journals and a "Display options" section with a "No minimum selected" radio button.

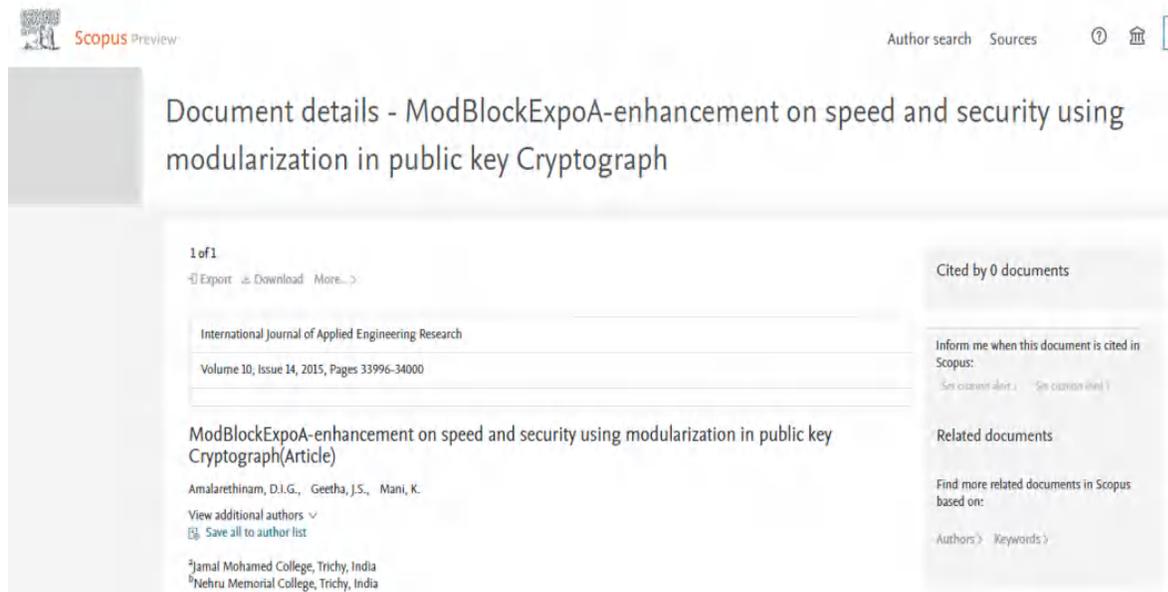
# ModBlockExpoA-Enhancement on Speed and Security using Modularization in Public key Cryptography

ISSN :0973-4562



The image shows the ResearchGate interface for the article "ModBlockExpoA-enhancement on speed and security using modularization in public key Cryptograph". The page includes a navigation bar with "Home", "Questions", and "Jobs" links, a search bar, and user profile icons. The article title is prominently displayed, followed by the journal information: "January 2015 · International Journal of Applied Engineering Research 10(14):33996-34000". It also features a "Follow journal" button, a project link "Papers upto June 2018", and the authors' names: "George Amalarethinam · J.S. Geetha · K. Mani". On the right side, there are interactive metrics: "Research Interest" at 0.1, "Citations" at 0, "Recommendations" at 0, and "Reads" at 20 (with 7 new reads). A "See details" link is provided for further information.

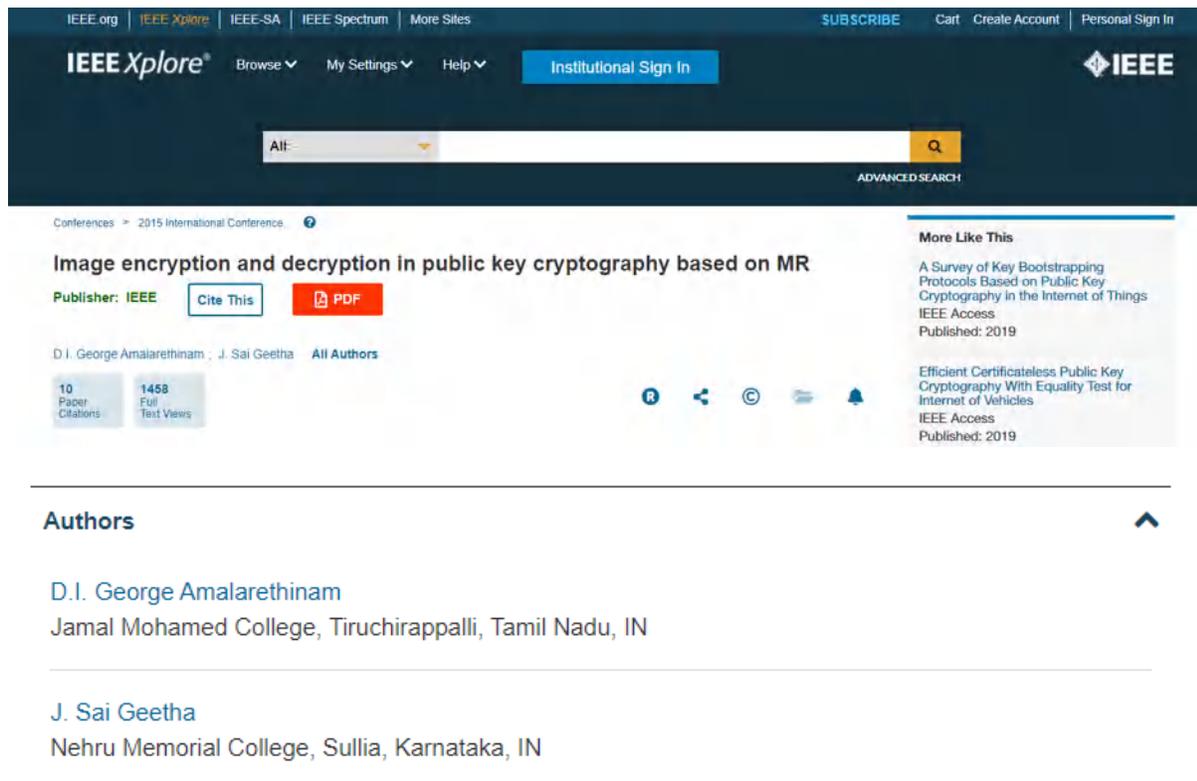
## Scopus



The image displays the Scopus document details page for the same article. The page title is "Document details - ModBlockExpoA-enhancement on speed and security using modularization in public key Cryptograph". The journal information is listed as "International Journal of Applied Engineering Research", Volume 10, Issue 14, 2015, Pages 33996-34000. The article title and authors are repeated: "ModBlockExpoA-enhancement on speed and security using modularization in public key Cryptograph(Article)" by "Amalarethinam, D.J.G., Geetha, J.S., Mani, K.". There are options to "View additional authors" and "Save all to author list". The authors' affiliations are listed as "Jamal Mohamed College, Trichy, India" and "Nehru Memorial College, Trichy, India". On the right side, there are sections for "Cited by 0 documents", "Inform me when this document is cited in Scopus" (with links for "See current alert" and "See citation alert"), "Related documents", and "Find more related documents in Scopus based on:" (with links for "Authors" and "Keywords").

# Image encryption and decryption in public key cryptography based on MR

DOI: [10.1109/ICCCT2.2015.7292733](https://doi.org/10.1109/ICCCT2.2015.7292733)



The screenshot shows the IEEE Xplore article page for the paper "Image encryption and decryption in public key cryptography based on MR". The page includes a navigation bar with "IEEE.org", "IEEE Xplore", "IEEE-SA", "IEEE Spectrum", and "More Sites". It also features a search bar, "SUBSCRIBE", "Cart", "Create Account", and "Personal Sign In" options. The article title is prominently displayed, along with the publisher "IEEE" and buttons for "Cite This" and "PDF". The authors listed are D.I. George Amalarethinam and J. Sai Geetha. On the right, there is a "More Like This" section with two related articles: "A Survey of Key Bootstrapping Protocols Based on Public Key Cryptography in the Internet of Things" and "Efficient Certificateless Public Key Cryptography With Equality Test for Internet of Vehicles". The authors' affiliations are provided at the bottom: D.I. George Amalarethinam is from Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, IN, and J. Sai Geetha is from Nehru Memorial College, Sullia, Karnataka, IN.

## Scopus



The screenshot shows the Scopus document details page for the same paper. The page features the Scopus logo and a "Preview" button. The document title is "Document details - Image encryption and decryption in public key cryptography based on MR". The page number is "1 of 1". There are options to "Export" and "Download". The document is identified as "Proceedings of the International Conference on Computing and Communications Technologies, ICCCT 2015", dated "5 October 2015, Article number 7292733, Pages 133-138". The location is "International Conference on Computing and Communications Technologies, ICCCT 2015; Sri Sai Ram Engineering CollegeChennai; India; 26 February 2015 through 27 February 2015; Category numberCFP1592Y-ART; Code 118443". The title is repeated as "Image encryption and decryption in public key cryptography based on MR(Conference Paper)" with authors "Amalarethinam, D.I.G., Geetha, J.S.". On the right, it states "Cited by 12 documents" and lists two citing documents: "Manikandan, T., Muruganandham, A., Babuji, R. Secure E-Health using Images Steganography" and "(2021) Journal of Physics: Conference Series" by Khan, A.A., Shaikh, A.A., Cheikhrouhou, O. The second citation is partially cut off: "IMG-forensics: Multimedia-enabled information hiding investigation using".

# Analysis and enhancement of speed in public key cryptography using Message Encoding Algorithm

DOI: [10.17485/ijst/2015/v8i16/69809](https://doi.org/10.17485/ijst/2015/v8i16/69809)



## Indian Journal of Science and Technology

DOI: [10.17485/ijst/2015/v8i16/69809](https://doi.org/10.17485/ijst/2015/v8i16/69809)

Year: 2015, Volume: 8, Issue: 16, Pages: 1-7

### Original Article

## Analysis and Enhancement of Speed in Public Key Cryptography using Message Encoding Algorithm

D. I. George Amalarethnam<sup>1\*</sup>, J. Sai Geetha<sup>2</sup> and K. Mani<sup>2</sup>

<sup>1</sup>Department of MCA, Jamal Mohamed College, Trichy, Tamilnadu, India; [di\\_george@ymail.com](mailto:di_george@ymail.com)

<sup>2</sup>Department of Computer Science, Nehru Memorial College, Trichy, Tamilnadu, India; [jsaigeetha99@gmail.com](mailto:jsaigeetha99@gmail.com)

## Scopus

Scopus Preview

Author search Sources

Document details - Analysis and enhancement of speed in public key cryptography using Message Encoding Algorithm

1 of 1  
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Indian Journal of Science and Technology  
Volume 8, Issue 16, 2015, Article number 69809

Analysis and enhancement of speed in public key cryptography using Message Encoding Algorithm (Article) (Open Access)

George Amalarethnam, D.I., Sai Geetha, J., Mani, K.

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<sup>2</sup>Department of MCA, Jamal Mohamed College, Trichy, Tamilnadu, India  
<sup>2</sup>Department of Computer Science, Nehru Memorial College, Trichy, Tamilnadu, India

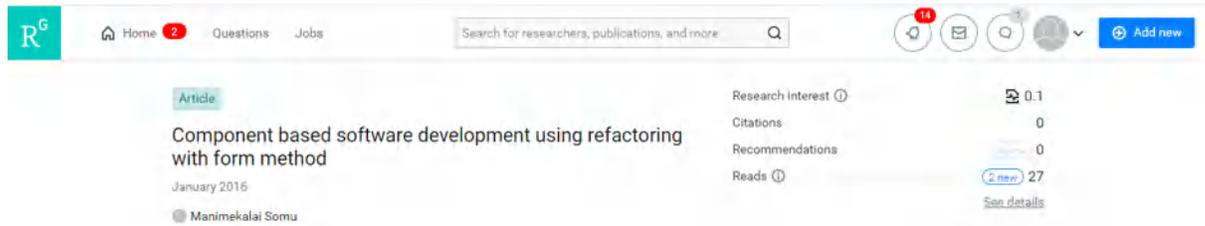
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George Amalarethnam, D.I., Leena, H.M.  
Asymmetric addition chaining cryptographic algorithm (ACCA) for data security in cloud  
(2018) Advances in Intelligent Systems and Computing

Amalarethnam, I.G., Leena, H.M.  
Enhanced RSA Algorithm with Varying Key Sizes for Data Security in Cloud  
(2017) Proceedings - 2nd World Congress on Computing and Communication Technologies, WCCCT 2017

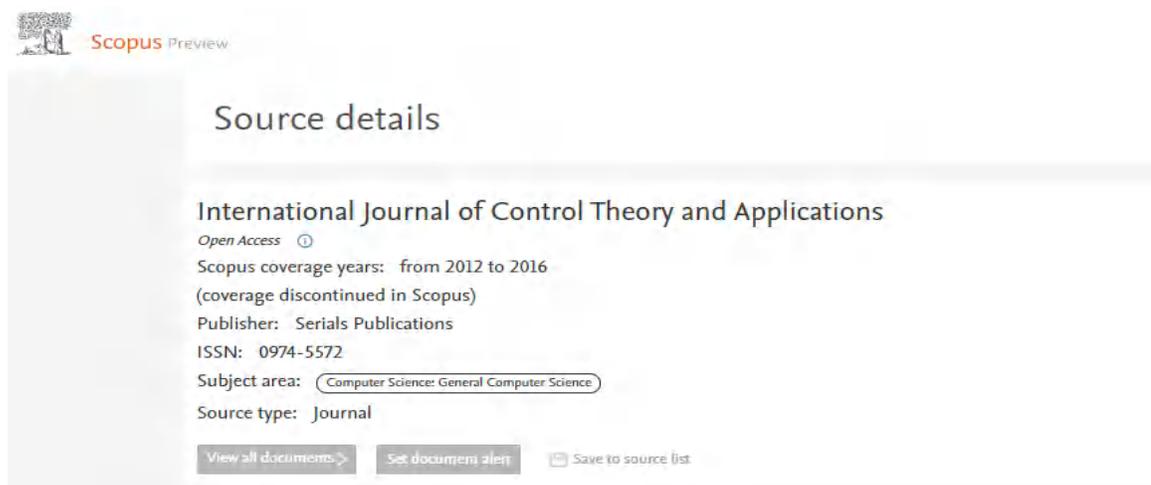
Thiyagarajan, C. & Miers, S. & Sambikumar, N.D.

# Component Based Software Development using Refactoring with FORM Method



The screenshot shows a research article titled "Component based software development using refactoring with form method" by Manimekalai Somu, published in January 2016. The article is categorized as an "Article". On the right side, there are statistics: Research Interest (0.1), Citations (0), Recommendations (0), and Reads (27, with a "New" badge). A "See details" link is provided for the reads. The top navigation bar includes "Home", "Questions", "Jobs", a search bar, and a profile icon with a notification badge.

## Scopus



The screenshot displays the "Source details" for the "International Journal of Control Theory and Applications". It is an "Open Access" journal with "Scopus coverage years: from 2012 to 2016 (coverage discontinued in Scopus)". The publisher is "Serials Publications" and the ISSN is "0974-5572". The subject area is "Computer Science: General Computer Science" and the source type is "Journal". At the bottom, there are buttons for "View all documents", "Set document alert", and "Save to source list".

# A Ranking And Selection Approach For Volatility In Financial Market

1R.Seethalakshmi, 2V.Saavithri & 3C.Vijayabanu 1&3SASTRA University, Thanjavur, Tamilnadu 2Nehru Memorial College, Thiruchirappalli, Tamilnadu

ISSN 0973-1768 Volume 11,

Global Journal of Pure and Applied Mathematics.  
ISSN 0973-1768 Volume 11, Number 5 (2015), pp. 3109-3119  
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## A Ranking And Selection Approach For Volatility In Financial Market

<sup>1</sup>R.Seethalakshmi, <sup>2</sup>V.Saavithri & <sup>3</sup>C.Vijayabanu

<sup>1&3</sup>SASTRA University, Thanjavur, Tamilnadu

<sup>2</sup>Nehru Memorial College, Thiruchirappalli, Tamilnadu

Scopus

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# Parameter Estimation of Lehmann Type I Exponential Mixture Distribution

International Journal of Applied Engineering Research  
ISSN 0973-4562 Volume 10, Number 4 (2015) pp. 8903-8912  
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## Parameter Estimation of Lehmann Type I Exponential Mixture Distribution

**R.Seethalakshmi**

*SASTRA University, Thanjavur, Tamilnadu, India*

**V. Saavithri**

*Nehru Memorial College, Puthanampatti, Tiruchirappalli, Tamilnadu, India*

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International Journal of Applied Engineering Research
Volume 10, Issue 4, 2015, Pages 8903-8912

Parameter estimation of Lehmann type I exponential mixture distribution(Article)

Seethalakshmi, R., Saavithri, V.  
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<sup>a</sup>SASTRA University, Thanjavur, Tamilnadu, India  
<sup>b</sup>Nehru Memorial College, Puthanampatti, Tiruchirappalli, Tamilnadu, India

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# Estimation of Parameters for Order Statistics of Lehmann-Type Laplace Distribution Type I and Type II

Global Journal of Pure and Applied Mathematics.  
ISSN 0973-1768 Volume 11, Number 6 (2015), pp. 4247-4254  
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## Estimation of Parameters for Order Statistics of Lehmann-Type Laplace Distribution Type I and Type II

V.S.Akilandeswari<sup>1</sup>, J.Priyadarshini<sup>2</sup>, Y.Yazh devi<sup>3</sup> and V.Saavithri<sup>4</sup>

*1. Assistant Professor, Department of Mathematics,  
Saranathan College of Engineering, Trichy*

*2, 3. Research Scholars, Department of Mathematics, Nehru Memorial College, Trichy*

*4. Assistant Professor, Department of Mathematics, Nehru Memorial College, Trichy*

Scopus

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### Document details - Estimation of parameters for order statistics of lehmann-type laplace distribution type I and type II

1 of 1  
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Global Journal of Pure and Applied Mathematics
Volume 11, Issue 6, 2015, Pages 4247-4254

Estimation of parameters for order statistics of lehmann-type laplace distribution type I and type II(Article)

Akilandeswari, V.S., Priyadarshini, J., Yazh Devi, Y., Saavithri, V.

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<sup>a</sup>Department of Mathematics, Saranathan College of Engineering, Trichy, India  
<sup>b</sup>Department of Mathematics, Nehru Memorial College, Trichy, India  
<sup>c</sup>Department of Mathematics, Nehru Memorial College, Trichy, India

# Lehmann-Type Laplace Distribution-Type II Software Reliability Growth Model

International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 13 (2015)  
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## Lehmann-Type Laplace Distribution-Type II Software Reliability Growth Model

V.S.Akilandeswari<sup>1</sup>, R.Poornima<sup>2</sup> and V.Saavithri<sup>3</sup>

<sup>1</sup> Department of Mathematics, Saranathan College of Engineering, Trichy. [akilaharish22@gmail.com](mailto:akilaharish22@gmail.com)

<sup>2</sup> Department of Mathematics, Nehru Memorial College, Trichy. [poomiamanu@gmail.com](mailto:poomiamanu@gmail.com)

<sup>3</sup> Department of Mathematics, Nehru Memorial College, Trichy. [saavithriramani@gmail.com](mailto:saavithriramani@gmail.com)

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## Document details - Lehmann-type laplace distribution-type II software reliability growth model

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International Journal of Applied Engineering Research
Volume 10, Issue 13, 24 August 2015, Pages 32835-32841

**Lehmann-type laplace distribution-type II software reliability growth model(Article)**

Akilandeswari, V.S., Poornima, R., Saavithri, V.  
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<sup>a</sup>Department of Mathematics, Saranathan College of Engineering, Trichy, India  
<sup>b</sup>Department of Mathematics, Nehru Memorial College, Trichy, India

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# Pharmacognostic standardization and physicochemical analysis of the leaves of *Barleria montana* Wight & Nees

[doi.org/10.1016/S2222-1808\(15\)61020-9](https://doi.org/10.1016/S2222-1808(15)61020-9)



Asian Pacific Journal of Tropical Disease

Volume 6, Issue 3, March 2016, Pages 232-234



Floral research

## Pharmacognostic standardization and physicochemical analysis of the leaves of *Barleria montana* Wight & Nees

Sriram Sridharan <sup>a</sup>, Sasikumar Chinna Gounder <sup>b</sup>

<sup>a</sup> Centre for Advanced Research in Indian System of Medicine (CARISM), SASTRA University, Thanjavur 613 401, Tamil Nadu, India

<sup>b</sup> PG Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti 621 007, Tiruchirappalli Dt, Tamil Nadu, India

Received 19 October 2015, Accepted 4 December 2016, Available online 26 March 2016.

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 Asian Pacific Journal of Tropical Disease <i>Open Access</i>	N/A	N/A	N/A	N/A	N/A

# Effect of microbes on low density polyethylene material degradation with reference to sem analysis

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## Effect of microbes on low density polyethylene material degradation with reference to sem analysis

October 2015 · International Journal of Pharma and Bio Sciences 6(4):447-452  
Project: Degradation Studies

Authors:

-  **Shalini Manjunathan**  
Nehru Memorial College
-  **Sasikumar Chinnagounder**  
Nehru Memorial College

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Title  Enter title

Title: International Journal Of Pharma And Bio Sciences x

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1 result

All

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1	International Journal of Pharma and Bio Sciences	N/A	N/A	N/A	N/A	N/A

# An insilico approach to treat halitosis disease using mint compound-benzydamine

The screenshot shows the homepage of the International Journal of Pharma and Bio Sciences. The journal's logo, featuring a green leaf and a flask, is in the top left. The journal title is prominently displayed. The ISSN number (0975-6299) and the website URL (www.ijpbs.net) are in the top right. A navigation menu includes Home, Aim & Scope, Current Issue, Submit Manuscript, Copy Right Form, Editorial Board, Model Manuscript, Instructions to Authors, and Contact. The main content area features an article titled "AN INSILICO APPROACH TO TREAT HALITOSIS DISEASE USING MINT COMPOUND- BENZYDAMINE" by M. PRAMILA AND M. MEENAKSHISUNDHARAM. The article is categorized as an "ORIGINAL RESEARCH ARTICLE" and is from "Int J Pharm Bio Sci Volume 6 Issue 2, 2015 (April - June), Pages:1197-1207". A small image of a fountain pen on a notebook is shown to the right of the article title, with the text "Pharmaceutical Fields" below it.

## Scopus

The screenshot shows the Scopus Sources page. At the top, there is a search bar with the text "Scopus Preview" and navigation links for "Author search" and "Sources". There are also buttons for "Create account" and "Sign in". The main heading is "Sources". Below this, there is a search input field with the text "Title" and a dropdown arrow, followed by "Enter title" and a "Find sources" button. The search results show "Title: International Journal Of Pharma And Bio Sciences x". On the left side, there is a "Filter refine list" section with an "Apply" button and "Clear filters" link. Below that, there is a "Display options" section with a checkbox for "Display only Open Access journals" and a note "Counts for 4-year timeframe". The main search results area shows "1 result". There are links for "Download Scopus Source List" and "Learn more about Scopus Source List". Below the search bar, there are options for "All", "Export to Excel", and "Save to source list". The search results are displayed in a table with columns for "Source title", "CiteScore", "Highest percentile", "Citations", "Documents", and "% Cited". The table shows one result: "1 International Journal of Pharma and Bio Sciences" with "N/A" values for all metrics. The "View metrics for year" dropdown is set to "2020".

2016-2017

Design and implementation of dynamic logic gates and R-S flip-flop using quasiperiodically driven Murali-Lakshmanan-chua circuit

Doi = <https://doi.org/10.1063/1.4977977>

The screenshot shows the article page for "Design and implementation of dynamic logic gates and R-S flip-flop using quasiperiodically driven Murali-Lakshmanan-Chua circuit" in the journal "Chaos". The journal is published by the American Institute of Physics (AIP). The article is from Volume 27, Issue 03, March 2017. The authors listed are R. R. Venkatesh, A. Venkatesh, and M. Lakshmanan. The page includes navigation links like "HOME", "BROWSE", "INFO", "FOR AUTHORS", and "COLLECTIONS". There are also buttons for "SUBMIT YOUR ARTICLE" and "SIGN UP FOR ALERTS".

Scopus

The screenshot shows the "Source details" page for the journal "Chaos" on Scopus. The page provides the following information:

- Source: Chaos
- Scopus coverage years: from 1991 to Present
- Publisher: American Institute of Physics
- ISSN: 1054-1500 E-ISSN: 1089-7682
- Subject area: Mathematics: Mathematical Physics, Mathematics: Applied Mathematics, Physics and Astronomy: Statistical and Nonlinear Physics, Physics and Astronomy: General Physics and Astronomy
- Source type: Journal
- Metrics: CiteScore 2020 (5.2), SJR 2020 (0.971), SNIP 2020 (1.261)

At the bottom, there are buttons for "View all documents", "Set document alerts", "Save to source list", and "Source Homepage".

# Vibrational resonance and implementation of dynamic logic gate in a piecewise-linear Murali-Lakshmanan-Chua circuit

Doi = <https://doi.org/10.1016/j.cnsns.2016.03.009>



Communications in Nonlinear Science and Numerical Simulation  
Volume 39, October 2016, Pages 271-282



## Vibrational resonance and implementation of dynamic logic gate in a piecewise-linear Murali-Lakshmanan-Chua circuit

P.R. Venkatesh , A. Venkatesan 

PG & Research Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli 621 007, India

Received 13 October 2015, Revised 7 February 2016, Accepted 12 March 2016, Available online 19 March 2016.

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<https://doi.org/10.1016/j.cnsns.2016.03.009> [Get rights and content](#)

## Scopus



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#### Communications in Nonlinear Science and Numerical Simulation

Scopus coverage years: from 1996 to Present  
Publisher: Elsevier  
ISSN: 1007-5704  
Subject area: [Mathematics: Applied Mathematics](#) [Mathematics: Numerical Analysis](#) [Mathematics: Modeling and Simulation](#)  
Source type: Journal

[View all documents >](#) [Set document alert](#) [Save to source list](#) [Source Homepage](#)

CiteScore 2020	7.9
SJR 2020	1.159
SNIP 2020	1.775

# Significance of power average of sinusoidal and non-sinusoidal periodic excitations in nonlinear non-autonomous system

Doi = <https://doi.org/10.1007/s12043-016-1207-9>

 SpringerLink

---

Published: 08 June 2016

## Significance of power average of sinusoidal and non-sinusoidal periodic excitations in nonlinear non-autonomous system

[P. R. VENKATESH](#) & [A. VENKATESAN](#)

*Pramana* **87**, Article number: 3 (2016) | [Cite this article](#)

115 Accesses | 2 Citations | [Metrics](#)

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### Author information

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P. R. VENKATESH & A. VENKATESAN

#### Corresponding author

Correspondence to [P. R. VENKATESH](#).

## Scopus

 Scopus Preview

Author search Sources

### Source details

Feedback > Co

**Pramana - Journal of Physics**  
Scopus coverage years: from 1973 to Present  
Publisher: Springer Nature  
ISSN: 0304-4289 E-ISSN: 0973-7111  
Subject area: [Physics and Astronomy: General Physics and Astronomy](#)  
Source type: Journal

[View all documents >](#) [Set document alert](#) [Save to source list](#) [Source Homepage](#)

CiteScore 2020	3.4
SJR 2020	0.513
SNIP 2020	0.901

# Phytosynthesis and Characterization of TiO<sub>2</sub> Nanoparticles using Diospyrosebenum Leaf Extract and their Antibacterial and Photocatalytic Degradation of Crystal Violet

Doi = <https://doi.org/10.1080/23080477.2017.1410012>

SMART SCIENCE, 2017  
<https://doi.org/10.1080/23080477.2017.1410012>

Taylor & Francis  
Taylor & Francis Group

Check for updates

## Phytosynthesis and Characterization of TiO<sub>2</sub> Nanoparticles using *Diospyros ebenum* Leaf Extract and their Antibacterial and Photocatalytic Degradation of Crystal Violet

Subramanian Senthilkumar<sup>a</sup>, Mahalingam Ashok<sup>b</sup>, Lellala Kashinath<sup>c</sup>, Chinnappanadar Sanjeeviraja<sup>d</sup> and Annamalai Rajendran<sup>a</sup>

<sup>a</sup>Department of Physics, Nehru Memorial College (Autonomous), Tiruchirappalli, India; <sup>b</sup>Department of Physics, National Institute of Technology, Tiruchirappalli, India; <sup>c</sup>Center for Materials Science and Technology, Vijaya Bhavan, University of Mysore, Mysore, India; <sup>d</sup>Department of Physics, Alagappa Chettiar College of Engineering and Technology, Karaikudi, India

## Scopus

Scopus Preview

Author search Sources ?

### Source details

Feedback > Compare sources >

Smart Science  
Scopus coverage years: 2013, from 2015 to Present  
Publisher: Taylor & Francis  
E-ISSN: 2308-0477

Subject area: [Engineering: General Engineering](#) [Mathematics: Computational Mathematics](#) [Chemical Engineering: Fluid Flow and Transfer Processes](#)  
[Mathematics: Modelling and Simulation](#) [Computer Science: Computer Networks and Communications](#) [View all](#)

Source type: Journal

[View all documents](#) [Set document alert](#) [Save to source list](#) [Source Homepage](#)

CiteScore 2020	2.7
SJR 2020	0.248
SNIP 2020	0.540

Venugopal K., Rather H.A., Rajagopal K., **Shanthi M.P.**, Sheriff K., Illiyas M., Rather R.A., Manikandan E., Uvarajan S., Bhaskar M., Maaza M. 2016.

Synthesis of silver nanoparticles (Ag NPs) for anticancer activities (MCF 7 breast and A549 lung cell lines) of the crude extract of *Syzygium aromaticum*. *167*: 282-289.

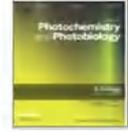
<https://doi.org/10.1016/j.jphotobiol.2016.12.013>

The screenshot shows the Web of Science Master Journal List search results page. The top navigation bar includes 'Web of Science Group', 'Master Journal List', 'Search Journals', 'Match Manuscript', 'Downloads', and 'Help Center'. There are 'Login' and 'Create Free Account' buttons on the right. A blue banner below the navigation bar reads 'The power of the Web of Science™ on your mobile device, wherever inspiration strikes.' with 'Dismiss' and 'Learn More' links.

The main content area is titled 'Refine Your Search Results'. It features a search input field containing 'Journal of Photochemistry and Photobiology B: Biology', a 'Search' button, and a 'Sort By' dropdown menu set to 'Relevancy'. Below the search bar, it says 'Search Results' and 'Found 6,020 results (Page 1)'. There is a 'Share These Results' link.

On the left side, there is a 'Filters' section with a 'Clear All' button. The filters listed are: 'Web of Science Coverage', 'Open Access', 'Category', 'Country / Region', 'Language', and 'Frequency', each with a dropdown arrow.

The search results section is titled 'Did you mean this journal?' and lists 'JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY'. Below the journal name, it provides the following information: 'Publisher: ELSEVIER SCIENCE SA, PO BOX 564, LAUSANNE, SWITZERLAND, 1001', 'ISSN / eISSN: 1031-2344 / 1873-2682', 'Web of Science Core Collections: Science Citation Index Expanded', and 'Additional Web of Science indexes: Biological Abstracts | BIOSIS Previews | Current Contents Life Sciences | Essential Science Indicators | Zoological Record'. At the bottom right of the results section, there are 'Share This Journal' and 'View profile page' buttons.



## Synthesis of silver nanoparticles (Ag NPs) for anticancer activities (MCF 7 breast and A549 lung cell lines) of the crude extract of *Syzygium aromaticum*

K Venugopal <sup>a</sup>, H A Rather <sup>a</sup>, K Rajagopal <sup>a</sup>, M P Shanthi <sup>b</sup>, K Sheriff <sup>c</sup>, M Illiyas <sup>c</sup>, R A Rather <sup>c</sup>, E Manikandan <sup>a, e, f, g</sup>,  
S Uvarajan <sup>e</sup>, M Bhaskar <sup>d</sup>, M Maaza <sup>f, g</sup>

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<sup>b</sup> Dept of Zoology, Nehru Memorial College, Puthanampatti-621007, Tiruchirappalli, Tamil Nadu, India

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<sup>d</sup> Dept of Zoology, UGC SAP-DSA-I, Sri Venkateswara University, Tirupati 517502, India

<sup>e</sup> Dept of Physics & Biochemistry, TUCAS, Thennangur-604408, Thiruvalluvar University, Serkadu, Vellore, India

<sup>f</sup> UNESCO-UNISA AFNET in Nanosciences/Nanotechnology, College of Graduate Studies, University of South Africa, Muckleneuk Ridge, PO BOX 392, Pretoria, South Africa

<sup>g</sup> Nanosciences African Network (NANO-AFNET), Materials Research Department, iThemba LABS-National Research Foundation (NRF), 1 Old Faure Road, Somerset West, PO BOX 722, Western Cape, South Africa

Received 15 October 2016, Accepted 5 December 2016, Available online 20 December 2016.

# In vitro anticancer activity of *Biophytumsensitivum* whole plant extracts against cervical and liver cancer cell lines

DOI: 10.13040/IJPSR.0975-8232.7(12).5128-35

Shanthi et al., IJPSR, 2016; Vol. 7(12): 5128-5135.

E-ISSN: 0975-8232; P-ISSN: 2320-5148

IJPSR (2016), Vol. 7, Issue 12

(Research Article)



INTERNATIONAL JOURNAL  
OF  
PHARMACEUTICAL SCIENCES  
AND  
RESEARCH



Received on 27 May, 2016; received in revised form, 22 October, 2016; accepted, 18 November, 2016; published 01 December, 2016

## IN VITRO ANTICANCER ACTIVITY OF *BIOPHYTUM SENSITIVUM* WHOLE PLANT EXTRACTS AGAINST CERVICAL AND LIVER CANCER CELL LINES

M. P. Shanthi<sup>1</sup>, G. Bupesh<sup>\* 2,3</sup>, S. Magesh<sup>3</sup>, K. Meenakumari<sup>2</sup>, K. Saravanan<sup>1</sup> and N.S. Muthiah<sup>4</sup>

Department of Zoology<sup>1</sup>, Nehru Memorial College, Puthanampatti, Tamil Nadu, India.

Central Research Laboratory<sup>2</sup>, Sree Balaji Medical College and Hospital (SBMCH), Bharath University, Biher, Chrompet, Chennai-600044, Tamil Nadu, India.

Department of Virology<sup>3</sup>, King Institute of Preventive Medicine and Research, Guindy, Chennai-600032, India.

Department of Pharmacology<sup>4</sup>, Sree Balaji Medical College and Hospital (SBMCH), Bharath University, Biher, Chrompet, Chennai-600044, Tamil Nadu, India.

## Scopus



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## Sources

Title  Enter title

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Title: International Journal Of Pharmaceutical Sciences Review And Research x

### Filter refine list

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Display only Open Access journals

Counts for 4-year timeframe

1 result

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All  Export to Excel  Save to source list

View metrics for year: 2020

Source title ↓ CiteScore ↓ Highest percentile ↓ Citations ↓ Documents ↓ % Cited ↓

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
1 International Journal of Pharmaceutical Sciences Review and Research	N/A	N/A	N/A	N/A	N/A

# Efficacy of lignocellulolytic fungi on the biodegradation of paddy straw

DIO: [10.22059/IJER.2015.892](https://doi.org/10.22059/IJER.2015.892)

## IJER

### International Journal of Environmental Research



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#### Efficacy of Lignocellulolytic Fungi on the Biodegradation of Paddy Straw

Document Type : Original Research Paper

**Authors**  
J. Viji; P. Neelanarayanan

Centre for Eco-friendly Agro-Technologies (Vermibiotechnology), Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti – 621 007, Tiruchirappalli District, Tamil Nadu, India

 10.22059/IJER.2015.892



Volume 9, Issue 1 - Serial Number 1  
Winter 2015  
Pages 225-232

 Files

## Scopus



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## Sources

Title

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Title: International Journal Of Advanced Research In Engineering And Technology

### Filter refine list

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### Display options

Display only Open Access journals

Counts for 4-year timeframe

1 result

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All [Export to Excel](#) [Save to source list](#)

View metrics for year: 2020

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 International Journal of Advanced Research in Engineering and Technology	N/A	N/A	N/A	N/A	N/A

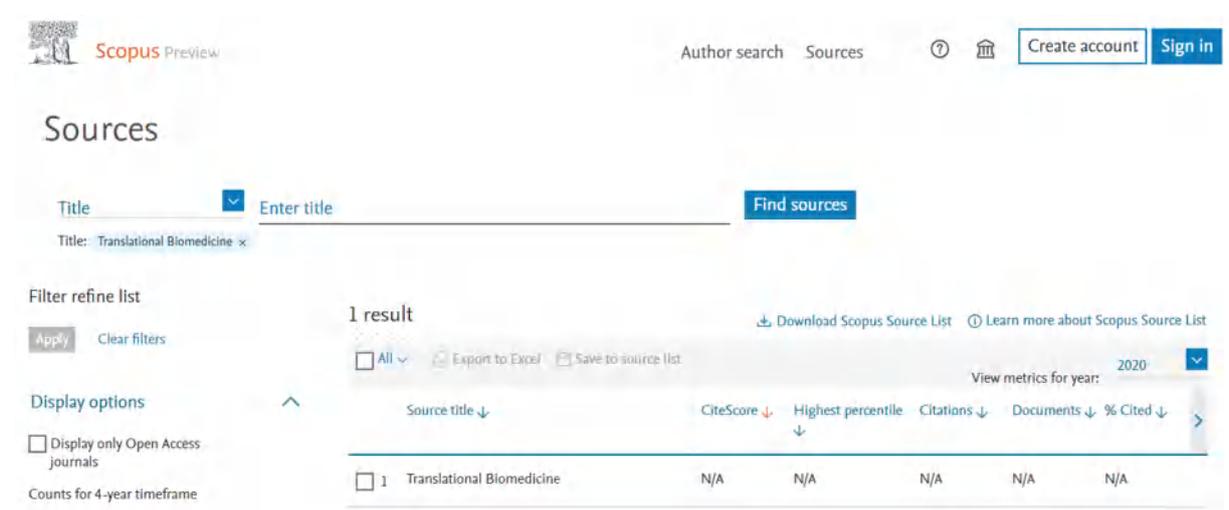
# Evaluating the Antibacterial Potential of Streptomyces sp.

DOI: 10.21767/2172-0479.100003



The image shows the header of a journal website. At the top left, the journal title "Translational Biomedicine" is displayed in a large, bold, orange font. To the right of the title, there are two teal icons: a home icon and an envelope icon, followed by the email address "contact@imedp". Below the title, a teal navigation bar contains the following links: Home, Articles, Authors, Editors, In Detail, Information, Citations, Contact Us, and RSS. The main content area below the navigation bar features the article title "Evaluating the Antibacterial Potential of Streptomyces sp." in a dark purple font. Below the title, the authors are listed: "Sujith Sugathan<sup>1</sup>, Aseer Manilal<sup>2\*</sup>, Tigist Gezmu<sup>2</sup>, Behailu Merdekios<sup>2</sup>, Joseph Selvin<sup>3</sup>, Tsegaye Tsalla<sup>2</sup>, Akbar Idhayadhulla<sup>4</sup> and Shine Kadaikunnan<sup>5</sup>". Below the authors, five numbered footnotes provide the affiliations for each author, ranging from the Division of Microbiology at Sree Narayana College, Kerala, India, to the Department of Botany and Microbiology at King Saud University, Saudi Arabia.

## Scopus



The image shows a screenshot of the Scopus search results page. At the top left, the Scopus logo and "Preview" text are visible. To the right, there are links for "Author search", "Sources", a help icon, a home icon, and buttons for "Create account" and "Sign in". The main heading is "Sources". Below this, there is a search bar with the text "Title: Translational Biomedicine" and a "Find sources" button. On the left side, there is a "Filter refine list" section with an "Apply" button and a "Clear filters" link. Below that, there are "Display options" including a checkbox for "Display only Open Access journals" and a note "Counts for 4-year timeframe". The main results area shows "1 result" and includes options to "Download Scopus Source List" and "Learn more about Scopus Source List". There are also options to "Export to Excel" and "Save to source list". A table displays the search results for the year 2020. The table has columns for "Source title", "CiteScore", "Highest percentile", "Citations", "Documents", and "% Cited". The single result is "Translational Biomedicine" with all metrics listed as "N/A".

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 Translational Biomedicine	N/A	N/A	N/A	N/A	N/A

# Study of Stress and Job Satisfaction of Dual Career Teacher Couples of Tamilnadu

The International journal of analytical and experimental modal analysis

ISSN NO: 0886-9367

## A STUDY OF STRESS AND JOB SATISFACTION OF DUAL CAREER TEACHER COUPLES OF TAMILNADU

Mrs. N. THILAGAVATHI\*

### ABSTRACT

Nowadays work-life balance is viewed by many employees and organizations as an important issue. In today's world, where every individual has to balance conflicting responsibilities and commitments, work-life balance has emerged as a predominant issue in the workplace. Between men & women the frequent topic is the search for work life balance. Work-life imbalance usually arises out of a lack of adequate time and/or support to manage work commitments as well as personal and family responsibilities. Meeting competing demands of work and family is not only tiring but can be stressful and can lead to sickness and absenteeism. It inevitably affects productivity. The results also indicate that female members face more stress than

## Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "The International Journal Of Analytical And Experimental Modal Analysis" entered. Below the search bar, there is a "Filter refine list" section with options like "Apply", "Clear filters", and "Display options". The main results section shows "1 result" for the journal. The table below lists the journal's details.

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 The International journal of analytical and experimental modal analysis	N/A	N/A	N/A	N/A	N/A

# Effects of FDI spillover on regional productivity: Evidence from panel data analysis using stochastic frontier analysis.

ISSN: 1746-8809

The image shows the Emerald Insight journal page for the article. At the top, the Emerald Insight logo is on the left, and navigation links for 'Browse our content', 'Register for a profile', and 'Login' are on the right. Below the logo is a search bar with the text 'Enter your search terms here' and an 'Advanced search' button. The breadcrumb trail reads: 'Home / Journals / International Journal of Emerging Markets / Volume 12 Issue 3 / Effects of FDI spillover on regional productivity: Evidence from panel data analysis using stochastic frontier analysis'. A light blue banner contains the text 'To read the full version of this content please select one of the options below:' followed by a button labeled 'Other access options'. Below this, the article title 'Effects of FDI spillover on regional productivity: Evidence from panel data analysis using stochastic frontier analysis' is displayed, followed by the authors 'Murugesan Ramasamy, Dominic Dhanapal, Poovendhan Murugesan' and the journal information 'International Journal of Emerging Markets' and 'ISSN: 1746-8809'.

## Scopus

The image shows the Scopus Sources page for the journal 'International Journal of Emerging Markets'. At the top, the Scopus logo is on the left, and navigation links for 'Author search', 'Sources', 'Create account', and 'Sign in' are on the right. Below the logo is a search bar with the text 'Enter title' and a 'Find sources' button. The search results show '1 result' for the journal 'International Journal of Emerging Markets'. A table displays the journal's Scopus metrics for the year 2020. The table has columns for 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. The data row shows: 'International Journal of Emerging Markets', CiteScore 2.7, Highest percentile 68% (69/218), Citations 731, Documents 267, and % Cited 73. The journal's full name 'International Journal of Emerging Markets' is listed under the source title.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 International Journal of Emerging Markets	2.7	68% 69/218 General Business, Management and Accounting	731	267	73

# Analysis of factors determining the inward FDI in top seven Indian states from top seven source countries using gravity model

DOI: 10.1504/IJEER.2016.076152



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International Journal of Economics and Business Research > 2016 Vol.11 No.3

## Title: Analysis of factors determining the inward FDI in top seven Indian states from top seven source countries using gravity model

**Authors:** Ramasamy Murugesan; Murugesan Poovendhan

**Addresses:** Department of Humanities, National Institute of Technology, Tiruchirappali – 620 015, India  
Department of Humanities, National Institute of Technology, Tiruchirappali – 620 015, India

## Scopus



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### Sources

Title  [Find sources](#)

Title: International Journal Of Economics And Business Research x

Filter refine list  Clear filters

Display options  Display only Open Access Journals  
Counts for 4-year timeframe  
 No minimum selected  
 Minimum citations

1 result [Download Scopus Source List](#) [Learn more about Scopus Source List](#)

All

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1	International Journal of Economics and Business Research	0.8	40% 144/243 General Economics, Econometrics and Finance	182	225	37

Efficient Synthesis of novel Phenyl-5-thio-3,4,5,6-tetrahydroimidazo[4,5-c]pyrazole-2(1H)-carbothioamide Derivatives Using a CeO<sub>2</sub>-MgO Catalyst and Evaluation of Antimicrobial Activity,

doi.org/10.3390/polym13071046

Month 2017

Efficient Synthesis of Novel 3-Phenyl-5-thio-3,4,5,6-tetrahydroimidazo[4,5-c]pyrazole-2(1H)-carbothioamide Derivatives Using a CeO<sub>2</sub>-MgO Catalyst and Evaluation of Antimicrobial Activity

Meera Moydeen,<sup>a</sup> Salem S. Al-Deyab,<sup>a</sup> Radhakrishnan Surendra Kumar,<sup>b</sup> and Akbar Idhayadhulla<sup>b\*</sup>

<sup>a</sup>Petrochemical Research Chair, Department of Chemistry, College of Science, King Saud University, Riyadh 11451, Saudi Arabia

<sup>b</sup>Research Department of Chemistry, Nehru Memorial College, Puthanampatti, Tiruchirappalli District, Tamil Nadu 621007, India

\*E-mail: a.idhayadhulla@gmail.com; idhayadhulla@nmc.ac.in

Received February 13, 2017

DOI 10.1002/jhet.2938

Published online 00 Month 2017 in Wiley Online Library (wileyonlinelibrary.com).

Scopus

The screenshot shows the Scopus search interface. The search title is 'Journal of Heterocyclic Chemistry'. A notification box indicates an 'Improved CiteScore' methodology update. The search results table shows one result for 'Journal of Heterocyclic Chemistry' with a CiteScore of 3.0, 42% highest percentile, 4,398 citations, 1,480 documents, and 72% cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Journal of Heterocyclic Chemistry	3.0	42% 106/185 Organic Chemistry	4,398	1,480	72

# Evaluation of antioxidant and anticancer activities of chemical constituents of the *Saururus chinensis* root extracts

DOI: [10.1016/j.sjbs.2016.12.021](https://doi.org/10.1016/j.sjbs.2016.12.021)

NIH National Library of Medicine  
National Center for Biotechnology Information

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Saudi J Biol Sci. 2018 Nov;25(7):1387-1392. doi: 10.1016/j.sjbs.2016.12.021. Epub 2017 Jan 3.

## Evaluation of antioxidant and anticancer activities of chemical constituents of the *Saururus chinensis* root extracts

Abdullah Alaklabi<sup>1</sup>, Ibrahim A Arif<sup>2</sup>, Anis Ahamed<sup>2</sup>, Radhakrishnan Surendra Kumar<sup>3</sup>, Akbar Idhayadhulla<sup>3</sup>

Affiliations collapse

### Affiliations

- 1 Faculty of Science, Department of Biological Science, University of Jeddah, Jeddah, Saudi Arabia.
- 2 Prince Sultan Research Chair for Environment and Wildlife, Department of Botany and Microbiology, College of Sciences, King Saud University (KSU), Riyadh, Saudi Arabia.
- 3 PG & Research Department of Chemistry, Nehru Memorial College, Puthanampatti 621007, Tiruchirappalli (Dt), Tamil Nadu, India.

PMID: 30505186 PMCID: PMC6252013 DOI: 10.1016/j.sjbs.2016.12.021

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## Scopus

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### Sources

Title Enter title Find sources

Title: Saudi Journal Of Biological Sciences, x

**Improved Citescore**

We have updated the Citescore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of Citescore, as well as retroactively for all previous Citescore years (ie, 2018, 2017, 2016...). The previous Citescore values have been removed and are no longer available.

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Display options  
 Display only Open Access Journals  
Counts for 4-year timeframe  
 No minimum selected  
 Minimum citations

1 result

Download Scopus Source List Learn more about Scopus Source List

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Saudi Journal of Biological Sciences Open Access	5.3	90% 20/209 General Agricultural and Biological Sciences	6,941	1,317	70

# Synthesis of new morpholine-connected pyrazolidine derivatives and their antimicrobial, antioxidant, and cytotoxic activities

doi.org/10.1016/j.bmcl.2016.11.032

The screenshot shows the ScienceDirect article page for the paper. The article title is "Synthesis of new morpholine-connected pyrazolidine derivatives and their antimicrobial, antioxidant, and cytotoxic activities" published in *Bioorganic & Medicinal Chemistry Letters*, Volume 27, Issue 1, January 2017, Pages 66-71. The authors listed are Radhakrishnan Surendra Kumar, Meera Moydeen, Salem S. Al-Deyab, Ameer Mersal, and Abbas Idhayadhulla. The page includes a navigation menu on the left with options like Outline, Highlights, Abstract, Graphical abstract, Keywords, Introduction, and Figures. On the right, there are sections for Recommended articles and Citing articles (12).

## Scopus

The screenshot shows the Scopus Sources page. A search for "Bioorganic and Medicinal Chemistry Letters" has been performed, resulting in one source. A pop-up message indicates an "Improved CiteScore" methodology update. The source table shows the following data:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Bioorganic and Medicinal Chemistry Letters	5.0	24%	14,734	2,934	80

Additional filters and options are visible on the left side of the page, including "Filter refine list" and "Display options".

# Larvicidal, nematicidal, antifeedant and antifungal, antioxidant activities of *Menthaspicata* (Lamiaceae) root extracts

DOI number: [10.4314/tjpr.v15i11.12](https://doi.org/10.4314/tjpr.v15i11.12)

Tropical Journal of Pharmaceutical Research November 2016; 15 (11): 2383-2390

ISSN: 1596-5996 (print); 1596-9827 (electronic)

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Available online at <http://www.tjpr.org>

<http://dx.doi.org/10.4314/tjpr.v15i11.12>

## Original Research Article

# Larvicidal, nematicidal, antifeedant and antifungal, antioxidant activities of *Mentha spicata* (Lamiaceae) root extracts

Abdullah Alaklabi<sup>1</sup>, Ibrahim A Arif<sup>2</sup>, Anis Ahamed<sup>2</sup>, Aseer Manilal<sup>3</sup>, Radhakrishnan Surendrakumar<sup>4</sup> and Akbar Idhayadhulla<sup>4\*</sup>

<sup>1</sup>Department of Biology, College of Science and Arts, Albaha University, Baljurashi, <sup>2</sup>Prince Sultan Research Chair for Environment and Wildlife, Department of Botany and Microbiology, College of Sciences, King Saud University, Riyadh, Saudi Arabia, <sup>3</sup>Department of Medical Laboratory Sciences, College of Medicine and Health sciences, Arba Minch University, Arba Minch, Ethiopia, <sup>4</sup>PG and Research Department of Chemistry, Nehru Memorial College, (Affiliated to Bharathidasan University), Puthanampatti -621007, Tamil Nadu, India

\*For correspondence: **Email:** [a.idhayadhulla@gmail.com](mailto:a.idhayadhulla@gmail.com); **Tel:** +919994265115

## Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Enter title' and a 'Find sources' button. Below the search bar, the title 'Tropical Journal of Pharmaceutical Research' is displayed. A notification box titled 'Improved CitScore' is visible, stating that the CitScore methodology has been updated to be more robust and comprehensive, and that previous values are no longer available. Below the notification, there is a 'Filter refine list' section with options for 'Display options' and 'Counts for 4-year timeframe'. The main results section shows '1 result' for the journal 'Tropical Journal of Pharmaceutical Research Open Access'. The table below provides metrics for this journal:

Source title	CitScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Tropical Journal of Pharmaceutical Research Open Access	1.0	37%	1,336	1,400	38

# Generation of Key Matrix for Hill Cipher Encryption Using Classical Cipher

DOI: [10.1109/WCCCT.2016.22](https://doi.org/10.1109/WCCCT.2016.22)



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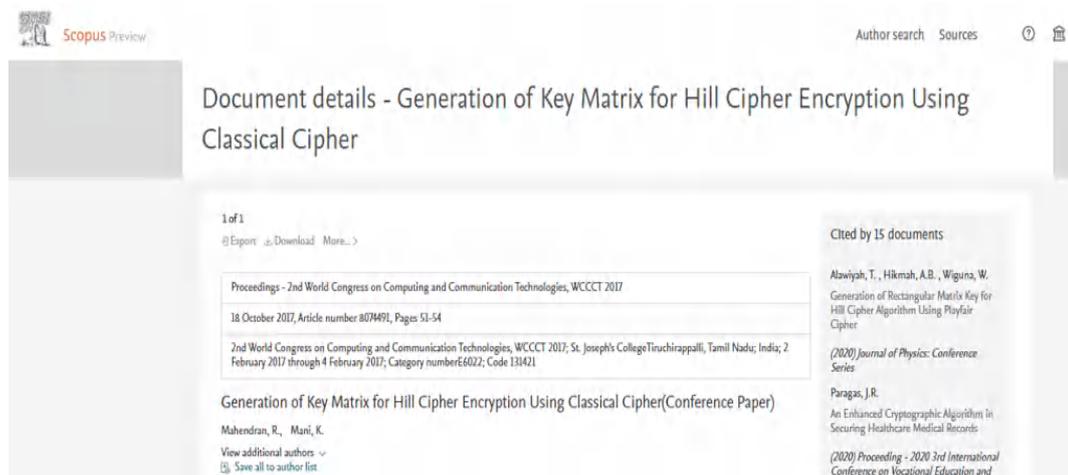
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# Enhancing Security in Public Key Algorithms using SCRZE Approach

ISSN :0973-4562

International Journal of Applied Engineering  
Research (IJAER)

Volume 10, Number 82 (2015) *Special Issues*

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# Enhancing security in cryptographic algorithm based on LECCRS

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## Enhancing security in cryptographic algorithm based on LECCRS

K. Mani, A. Devi • Published 2017 • Computer Science • Electron. Gov. an Int. J.

The efficiency of any cryptographic algorithms depends on both security and operational speed. When a message is encrypted using any cryptosystems it produces only one level of security because it converts the plaintext into ciphertext where the ciphertext is not easily tractable. To increase the security in any cryptographic algorithm, normally the size of the plaintext and key should be taken very largely. Further, additional levels of security have been introduced in this paper to enhance the security. For that, the message to be encrypted is encoded first so that original form of the message is altered called the first level of security. The encoded message is sometimes too large so that it is compressed which results in changing the encoded form of message called second level security. Finally, the compressed message is encrypted using any one of the public-key cryptosystems by determining the block size dynamically which produces the third level of security. Thus, an integrated approach is proposed called encoded compressed cryptosystem in this paper. [Collapse](#)

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<sup>1</sup>Department of Computer Science, Nehru Memorial College, Puthanampatti, Trichy, 621007, India  
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Gagneja, K., Singh, K.J.  
Spindle Torus Asymmetric Key Cryptosystem  
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Volume 10, Number 82 (2015) *Special Issues*

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# Lehmann-Type Laplace distribution-Type I software reliability growth model

DOI 10.1007/s12597-016-0281-6

OPSEARCH (2017) 54:233–259  
DOI 10.1007/s12597-016-0281-6



APPLICATION ARTICLE

## Lehmann-Type Laplace distribution-Type I software reliability growth model

V. S. Akilandeswari<sup>1</sup> · R. Poornima<sup>2</sup> ·  
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Akilandeswari, V.S., Poornima, R., Saavithri, V.

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<sup>1</sup>Department of Mathematics, Saranathan College of Engineering, Trichy, India

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# Mean Vertex D-Distance For Radial And Detour Radial Graphs

Doi.org/10.1063/1.5112314

## Mean Vertex D-Distance For Radial And Detour Radial Graphs

M.Suresh<sup>1,a)</sup> and V.Mohanaselvi<sup>2,b)</sup>

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Suresh, M., Mohanaselvi, V.

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## On independent rebellion number in graphs

### On independent rebellion number in graphs

P. SHYAMALA ANTO MARY<sup>1\*</sup> and V. MOHANA SELVI<sup>2</sup>

Alliance structure plays a vital role in social networks and it is used, to study the important characteristic of similarity networks in natural and unnatural objects. For studying the co-alliance set the authors already introduced the rebellion concept by interchanging the inequalities in the alliance set. In this paper, the independence property of the rebellion set is studied and defined independent rebellion number. The tight bounds of independent rebellion number and maximum independent rebellion number are obtained for some standard graphs. Also, the parameter is characterized and its relationship with other parameters is studied.

**Keywords:** domination number, independent domination number, rebellion number, independent rebellion number, maximum independent rebellion number

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# Marine antifouling property of PMMA nanocomposite films: Results of laboratory and field assessment

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## International Biodeterioration & Biodegradation

Volume 114, October 2016, Pages 57-66



# Marine antifouling property of PMMA nanocomposite films: Results of laboratory and field assessment

S. Sathya <sup>a, c</sup>, P. Sriyutha Murthy <sup>a</sup>, Arindam Das <sup>b</sup>, G. Gomathi Sankar <sup>c</sup>, S. Venkatnarayanan <sup>a</sup>, R. Pandian <sup>b</sup>, V.S. Sathyaseelan <sup>a</sup>, V. Pandiyan <sup>d</sup>, M. Doble <sup>c</sup> , V.P. Venugopalan <sup>a</sup> 

- <sup>a</sup> Biofouling and Biofilm Processes Section, Water and Steam Chemistry Division, Bhabha Atomic Research Centre, Kalpakkam, 603102, India
- <sup>b</sup> Surface and Nanoscience Division, Indira Gandhi Centre for Atomic Research, Kalpakkam, 603102, India
- <sup>c</sup> Department of Biotechnology, Indian Institute of Technology-Madras, Chennai, 600036, India
- <sup>d</sup> Nehru Memorial College, Puthinampattī, Tiruchirapalli, 621007, India

Received 14 March 2016, Revised 11 May 2016, Accepted 30 May 2016, Available online 6 June 2016.

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# In silico studies on phytoconstituents of Vernonia arborea Buch. - Ham. against Mitogen-activated protein kinase-I

DOI: <http://dx.doi.org/10.22377/ijgp.v12i01.1612>

## In silico studies on phytoconstituents of Vernonia arborea Buch. - Ham. against Mitogen-activated protein kinase-I

S. Sriram<sup>1</sup>, P. Brindha<sup>1</sup>, V. Meenaa<sup>2</sup>, J. Kavitha Srilakshmi<sup>2</sup>

<sup>1</sup>Centre for Advanced Research in Indian System of Medicine, SASTRA Deemed University, Thanjavur, Tamil Nadu, India, <sup>2</sup>Post Graduate and Research Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli, Tamil Nadu, India

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Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 International Journal of Green Pharmacy	N/A	N/A	N/A	N/A	N/A

# Anti-inflammatory screening of ethanolic leaf extract of *Vernonia arborea* Buch. –Ham.in formalin induced albino wistar rats

DOI: 10.5530/ijper.50.4.16

**Original Article**

## Anti-inflammatory screening of ethanolic leaf extract of *Vernonia arborea* Buch. –Ham.in formalin induced albino wistar rats

**Sriram Sridharan<sup>1\*</sup>, Meenaa Venkatramani<sup>2</sup>, Kavitha Janakiraman<sup>2</sup>, Brindha Pemiah<sup>1</sup>, Sasi kumar Chinnagounder<sup>2</sup>**

<sup>1</sup>Centre for Advanced Research in Indian System of Medicine (CARISM), SASTRA University, Thanjavur 613 401, Tamil Nadu, INDIA.  
<sup>2</sup>Post Graduate and Research Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli, Tamil Nadu, INDIA.

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Indian Journal of Pharmaceutical Education and Research	1.0	36% 43/67 General Pharmacology, Toxicology and Pharmaceutics	714	683	43

# Pharmacognostic standardization and HPTLC analysis of the leaves of *Hiptage benghalensis* (L.) Kurz

[doi.org/10.1016/S2222-1808\(15\)61037-4](https://doi.org/10.1016/S2222-1808(15)61037-4)



Asian Pacific Journal of Tropical Disease

Volume 6, Issue 4, April 2016, Pages 317-320



Floral research

## Pharmacognostic standardization and HPTLC analysis of the leaves of *Hiptage benghalensis* (L.) Kurz

Meenaa Venkataramani <sup>a</sup>, Sasikumar Chinnagounder <sup>a</sup>, Sriram Sridharan <sup>b</sup>, Kavitha Srilakshmi Janakiraman <sup>a</sup>

<sup>a</sup> PG and Research Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli, Tamilnadu, India

<sup>b</sup> Centre for Advanced Research in Indian System of Medicine (CARISM), SASTRA University, Thanjavur-613 401, Tamil Nadu, India

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# Comparative study of using vegetable wastes and cattle dungs for degradation of low density polyethylene material and visualized through FTIR Analysis

DOI:10.13140/RG.2.1.1776.1366



ISSN: 0975-8585

## Research Journal of Pharmaceutical, Biological and Chemical Sciences

### Comparative study of Using Vegetable Wastes and Cattle Dungs for Degradation of Low Density Polyethylene Material and Visualized through FTIR Analysis.

Shalini R\*, and Sasikumar C.

Department of Biotechnology, Nehru Memorial College (Autonomous), Puthanampatti, Thiruchirappalli District, Tamil Nadu, India.

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1 Research Journal of Pharmaceutical, Biological and Chemical Sciences	N/A	N/A	N/A	N/A	N/A

# A Mathematical Model for Storage and Recall of Images using Targeted Synchronization of Coupled Maps

DOI:10.1038/s41598-017-09440-6

## SCIENTIFIC REPORTS

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### A Mathematical Model for Storage and Recall of Images using Targeted Synchronization of Coupled Maps

Received: 25 January 2017  
Accepted: 25 July 2017  
Published online: 21 August 2017

P. Palaniyandi<sup>1</sup> & Govindan Rangarajan<sup>2</sup>

We propose a mathematical model for storage and recall of images using coupled maps. We start by theoretically investigating targeted synchronization in coupled map systems wherein only a desired (partial) subset of the maps is made to synchronize. A simple method is introduced to specify coupling coefficients such that targeted synchronization is ensured. The principle of this method is extended to storage/recall of images using coupled Rulkov maps. The process of adjusting coupling coefficients between Rulkov maps (often used to model neurons) for the purpose of storing a desired image mimics the process of adjusting synaptic strengths between neurons to store memories. Our method uses both synchronisation and synaptic weight modification, as the human brain is thought to do. The stored image can be recalled by providing an initial random pattern to the dynamical system. The storage and recall of the standard image of Lena is explicitly demonstrated.

#### 1. Department of Physics, Nehru Memorial College, Puthanampatti, Tamil Nadu, India

P. Palaniyandi

#### 2. Department of Mathematics and Centre for Neuroscience, Indian Institute of Science, Bangalore, India

Govindan Rangarajan

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Scientific Reports Open Access	7.1	93% 8/110	591,671	83,029	78

# Chimera at the phase-flip transition of an ensemble of identical nonlinear oscillators

<https://doi.org/10.1016/j.cnsns.2017.11.005>



Communications in Nonlinear Science and  
Numerical Simulation

Volume 59, June 2018, Pages 30-46



Research paper

## Chimera at the phase-flip transition of an ensemble of identical nonlinear oscillators

R. Gopal <sup>a</sup>, V.K. Chandrasekar <sup>a, \*</sup>, D.V. Senthilkumar <sup>a, c, d</sup>, A. Venkatesan <sup>d</sup>, M. Lakshmanan <sup>b</sup>

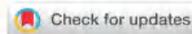
<sup>a</sup> Centre for Nonlinear Science & Engineering, School of Electrical & Electronics Engineering, SASTRA University, Thanjavur- 613 401, India

<sup>b</sup> Centre for Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirapalli- 620024, India

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<sup>d</sup> Department of Physics, Nehru Memorial College, Puthanampatti, Tiruchirapalli 621 007, India

Received 21 April 2017, Revised 3 November 2017, Accepted 6 November 2017, Available online 7 November 2017.



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Communications in Nonlinear Science and Numerical Simulation

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## Strange nonchaotic attractors for computation

Strange nonchaotic attractors for computation

M. Sathish Aravindh, A. Venkatesan, and M. Lakshmanan  
Phys. Rev. E 97, 052212 – Published 21 May 2018

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**ABSTRACT**

We investigate the response of quasiperiodically driven nonlinear systems exhibiting strange nonchaotic attractors (SNAs) to deterministic input signals. We show that if one uses two square waves in an aperiodic manner as input to a quasiperiodically driven double-well Duffing oscillator system, the response of the system can produce logical output controlled by such a forcing. Changing the threshold or biasing of the system changes the output to another logic operation and memory latch. The interplay of nonlinearity and quasiperiodic forcing yields logical behavior, and the emergent outcome of such a system is a logic gate. It is further shown that the logical behaviors persist even for an experimental noise floor. Thus the SNA turns out to be an efficient tool for computation.



5 More

Received 20 February 2018 Revised 3 May 2018

DOI: <https://doi.org/10.1103/PhysRevE.97.052212>

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**Physics Subject Headings (PhySH)**

- Research Areas: Chaos, Control & applications of chaos
- Physical Systems: Dynamical systems
- Nonlinear Dynamics

**AUTHORS & AFFILIATIONS**

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Implementation of dynamic dual input multiple output logic gate via resonance in globally coupled Duffing oscillators

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Home > Chaos: An Interdisciplinary Journal of Nonlinear Science > Volume 27, Issue 6 > 10.1063/1.4997758

No Access , Published Online: 08 August 2017 Accepted: July 2017



## Implementation of dynamic dual input multiple output logic gate via resonance in globally coupled Duffing oscillators

Chaos 27, 083106 (2017); <https://doi.org/10.1063/1.4997758>

P. R. Venkatesh<sup>1,a)</sup>, A. Venkatesan<sup>1,b)</sup>, and M. Lakshmanan<sup>2,c)</sup>

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Publisher: American Institute of Physics

ISSN: 1054-1500 E-ISSN: 1089-7682

Subject area: [Mathematics: Mathematical Physics](#) [Mathematics: Applied Mathematics](#) [Physics and Astronomy: Statistical and Nonlinear Physics](#)

[Physics and Astronomy: General Physics and Astronomy](#)

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CiteScore 2020

5.2

SJR 2020

0.971

SNIP 2020

1.261

Biosynthesis of TiO<sub>2</sub> nanoparticles using *Justiciendarussa* leaves for photocatalytic and toxicity studies

Doi = <https://doi.org/10.1007/s11164-018-3464-3>

Published: 17 May 2018

## Biosynthesis of TiO<sub>2</sub> nanoparticles using *Justicia gendarussa* leaves for photocatalytic and toxicity studies

Subramanian Senthilkumar  & Annamalai Rajendran *Research on Chemical Intermediates* **44**, 5923–5940 (2018) | [Cite this article](#)253 Accesses | 13 Citations | [Metrics](#)

### Author information

#### Affiliations

**Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli, Tamilnadu, 621 007, India**

Subramanian Senthilkumar & Annamalai Rajendran

#### Contributions

The fresh fully matured leaves of *J. gendarussa* were collected from Nehru Memorial College, Campus and Puthanampatti; India. TiO<sub>2</sub> NPs were characterized using HRTEM and FESEM spectroscopy. TiO<sub>2</sub> NPs performed methylene blue dye degradation properties. All authors approved the final manuscript.

#### Corresponding authors

Correspondence to [Subramanian Senthilkumar](#) or [Annamalai Rajendran](#).

## Scopus



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### Source details

**Research on Chemical Intermediates**  
Formerly known as: *Reviews of Chemical Intermediates*  
Scopus coverage years: from 1984 to Present  
Publisher: Springer Nature  
ISSN: 0922-6168 E-ISSN: 1568-5675  
Subject area: [Chemistry: General Chemistry](#)  
Source type: Journal

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CiteScore 2020	4.4
SJR 2020	0.424
SNIP 2020	0.654

Ashokkumar M., Boopathyraja A. 2018.

**Structural and optical properties of Mg doped ZnS quantum dots and biological applications. *Superlattices and microstructures*. 113: 236-244.**

The screenshot shows the Elsevier Master Journal List search interface. At the top, there are navigation links for 'Master Journal List', 'Search Journals', 'Match Manuscript', 'Downloads', and 'Help Center'. A search bar contains the text 'Superlattices and Microstructures'. Below the search bar, the results section shows 'Found 7 results (Page 1)'. A filter sidebar on the left includes options like 'Web of Science Coverage', 'Open Access', 'Category', 'Country/Region', 'Language', and 'Frequency'. The main content area displays 'Exact Match Found' for the journal 'SUPERLATTICES AND MICROSTRUCTURES'. Details include the publisher 'ACADEMIC PRESS LTD - ELSEVIER SCIENCE LTD', ISSN '0749-6036 / 1096-3677', and various indexing services like Science Citation Index Expanded and Current Contents Physical, Chemical & Earth Sciences.

The screenshot shows the article page for 'Structural and optical properties of Mg doped ZnS quantum dots and biological applications'. The journal title 'Superlattices and Microstructures' is at the top, along with the volume and page information: 'Volume 113, January 2018, Pages 236-243'. The Elsevier logo is on the left, and a 'Purchase PDF' button is on the right. The article title is prominently displayed in the center. Below the title, the authors 'M. Ashokkumar' and 'A. Boopathyraja' are listed with their affiliations: 'Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti, Trichy, Tamilnadu, India' and 'Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, Trichy, Tamilnadu, India'. The article's reception dates are provided: 'Received 28 October 2017, Revised 2 November 2017, Accepted 2 November 2017, Available online 6 November 2017'. A 'Check for updates' button is located at the bottom left of the article content area.

**Siva T.**, and **Neelananarayanan P.** 2017.  
First record of migratory Grey-necked Bunting *Emberiza buchanani* Blyth, 1844 (Aves: Passeriformes: Emberizidae) as a winter visitor in

The screenshot shows the Scopus Preview search results page. At the top, there are navigation links for 'Dashboard', 'Author search', and 'Sources'. The main heading is 'Sources'. Below it, there is a search bar with 'ISSN' selected and a 'Find sources' button. The search criteria include 'Title: Journal Of Threatened Taxa x' and 'ISSN: 0974-7907 x 9747893 x'. A 'Filter refine list' section is on the left with an 'Apply' button. The search results show '1 result' for 'Journal of Threatened Taxa Open Access'. A table of metrics is displayed for the year 2020:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Journal of Threatened Taxa Open Access	0.8	31% 121/177 Nature and Landscape Conservation	591	772	39

**Journal of Threatened Taxa | www.threatenedtaxa.org | 26 December 2017 | 9(12): 11095–11096**

**FIRST RECORD OF MIGRATORY GREY-NECKED BUNTING *EMBERIZA BUCHANANI* BLYTH, 1844 (AVES: PASSERIFORMES: EMBERIZIDAE) AS A WINTER VISITOR IN TIRUCHIRAPPALLI DISTRICT, TAMIL NADU, INDIA**

**T. Siva<sup>1</sup> & P. Neelananarayanan<sup>2</sup>**

<sup>1,2</sup>Centre for Eco-friendly Agro-Technologies (CEAT), Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli District, Tamil Nadu 621007, India  
<sup>1</sup>sivanaturewild@gmail.com (corresponding author),  
<sup>2</sup>dr.pnn31@gmail.com

The Grey-necked Bunting or Grey-hooded Bunting belongs to the family Embrizidae. Published information available on this bird in India is very limited. The species is found in Afghanistan, Armenia, Azerbaijan, Bhutan, Nepal, China, Hong Kong, India, Iran, Israel, Kazakhstan, Mongolia, Oman, Pakistan, Russia, Syria, Tajikistan, Turkey, Turkmenistan, and Uzbekistan (BirdLife International 2017). Besides, this bunting is also reported from Africa, West Asia and South Asia during winter (Yosef 2001). It breeds in Baluchistan, Pakistan and winters mainly in Pakistan and central and western India, especially in Gujarat (Grimmett et al. 2011). It has been regularly recorded moving through Gujarat from September to March (Madge 2017). The Grey-

covered with low thorn scrub. The food habit of the species is seeds, plant shoots and during breeding season the chicks are fed with small invertebrates particularly insects such as weevils, beetles, bugs, ants, grasshoppers and snails (Madge 2017). The nest is built by the female and is well hidden under vegetation or a sheltering boulder, on the ground.

**First sighting at Tiruchirappalli District:** Devanoorputhur (11.10638889 N & 78.42694444 E) is a village in Tiruchirappalli District of Tamil Nadu. This area has many rocky hillocks which are situated mostly in the dry and open habitats. The locality's altitude is between 100 and 260. We observed and recorded a pair of Grey-necked Buntings for the first time on 21 November 2015. The birds were sitting on a branch of a thorn shrub *Flueggea leucopyrus*. The area is mainly dry with open habitats, scrubby areas and small hillocks covered with low thorn shrubs. The birds were photographed and later identified using a field guide (Grimmett et al. 2011) as Grey-necked Bunting. Later, this first sighting was recorded and entered in the ebird checklist (www.ebird.org-http://ebird.org/ebird/view/checklist/525959736). The second sighting of Grey-necked Bunting was on 20 January 2017. The birds were observed and recorded

ISSN 0974-7907 (Online)  
ISSN 0974-7893 (Print)

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**Photo-degradation of CT-DNA with a series of carbothioamide ruthenium (II) complexes - Synthesis and structural analysis**

Hide affiliations

Muthuraj, V. (P.G and Research Department of Chemistry, V.H.N.S.N. College, Virudhunagar, Tamil Nadu, India);  
 Umadevi, M. (P.G and Research Department of Chemistry, Nehru Memorial College, Puthanampatti, Tiruchirappalli, Tamil Nadu, India)

The present research article is related with the method of preparation, structure and spectroscopic properties of a series of carbothioamide ruthenium (II) complexes with N and S donor ligands namely, 2-((6-chloro-4-oxo-4H-chromen-3-yl)methylene) hydrazine carbothioamide (ClChrTs)/2-((6-methoxy-4-oxo-4H-chromen-3-yl)methylene)hydrazine carbothioamide (MeOChrTS). The synthesized complexes were characterized by several techniques using analytical methods as well as by spectral techniques such as FT-IR,

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Title  Enter title **Find sources**

Title: Journal Of Molecular Structure x

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

Prevalence and biofilm forming potency of multi-drug resistant *Staphylococcus aureus* among food handlers in Arba Minch University, South Ethiopia

Article **PDF Available**

# Prevalence and biofilm forming potency of Multi-Drug Resistant Staphylococcus aureus

May 2018 · *Acta Microbiologica Hellenica* 63(1)

Authors:

-  **Mohammedaman Mama**  
Madda Walabu University, Goba Referral ...
-  **Getaneh Alemu**  
Bahir Dar University
-  **Aseer Manilal**  
Arba Minch University
-  **Mohamed Seid**  
Arba Minch University
-  **A. IDHAYADHULLA**  
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<input type="checkbox"/> 1	<i>Acta Microbiologica Hellenica</i>	0.2	5% 110/116 Microbiology (medical)	8	40	18

# In-Vitro Antibacterial And Cytotoxicity Evaluation Of Some Novel Tetrazole Derivatives,

doi: 10.13040/IJPSR.0975-8232.9(8).3322-27.



## INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH

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#### IN-VITRO ANTIBACTERIAL AND CYTOTOXICITY EVALUATION OF SOME NOVEL TETRAZOLE DERIVATIVES

Anis Ahamed<sup>1</sup>, Ibrahim A. Arif<sup>1</sup>, Meera Moydeen<sup>2</sup>, Radhakrishnan Surendra Kumar<sup>3</sup> and Akbar Idhayadhulla<sup>\*3</sup>

Department of Botany and Microbiology<sup>1</sup>, Prince Sultan Research Chair for Environment and Wildlife, Department of Chemistry<sup>2</sup>, College of Sciences, King Saud University (KSU), Riyadh, Saudi Arabia.

Department of Chemistry<sup>3</sup>, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti, Tiruchirappalli - 621007, Tamil Nadu, India.

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Title

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Title: International Journal Of Pharmaceutical Sciences Review And Research

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
1 International Journal of Pharmaceutical Sciences Review and Research	N/A	N/A	N/A	N/A	N/A

# Molecular characterization, DFT and TD-DFT calculations of morpholinium tetra chloropalladate (II)

[doi.org/10.1016/j.molstruc.2017.01.073](https://doi.org/10.1016/j.molstruc.2017.01.073)



Journal of Molecular Structure

Volume 1138, 15 June 2017, Pages 208-214



## Molecular characterization, DFT and TD-DFT calculations of morpholinium tetra chloropalladate (II)

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<sup>b</sup> PG & Research Department of Chemistry, V.H.N.S.N. College, Virudhunagar, Tamilnadu 626 001, India

Received 23 August 2016, Revised 23 January 2017, Accepted 25 January 2017, Available online 30 January 2017.

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Journal Of Molecular Structure' and a 'Find sources' button. Below the search bar, there is a table of search results. The table has columns for 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. The first result is 'Journal of Molecular Structure' with a CiteScore of 4.6, a highest percentile of 70%, 21,69 citations, 5,905 documents, and 77% cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

# Cu<sup>II</sup>-Tyrosinase Enzyme Catalyst-Mediated Synthesis of 2-Thioxopyrimidine Derivatives with Potential Mosquito Larvicidal Activity: Spectroscopic and Computational Investigation as well as Molecular Docking Interaction with OBPs of *Culex quinquefasciatus*

doi.org/10.1002/slct.202000060

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## Cu<sup>II</sup>-Tyrosinase Enzyme Catalyst-Mediated Synthesis of 2-Thioxopyrimidine Derivatives with Potential Mosquito Larvicidal Activity: Spectroscopic and Computational Investigation as well as Molecular Docking Interaction with OBPs of *Culex quinquefasciatus*\*\*

Chidambaram SathishKumar,<sup>[a]</sup> Selvaraj Keerthana,<sup>[a]</sup> Anis Ahamed,<sup>[b]</sup> Ibrahim A. Arif,<sup>[b]</sup> Radhakrishnan SurendraKumar,<sup>[a]</sup> and Akbar Idhayadhulla<sup>\*(a)</sup>

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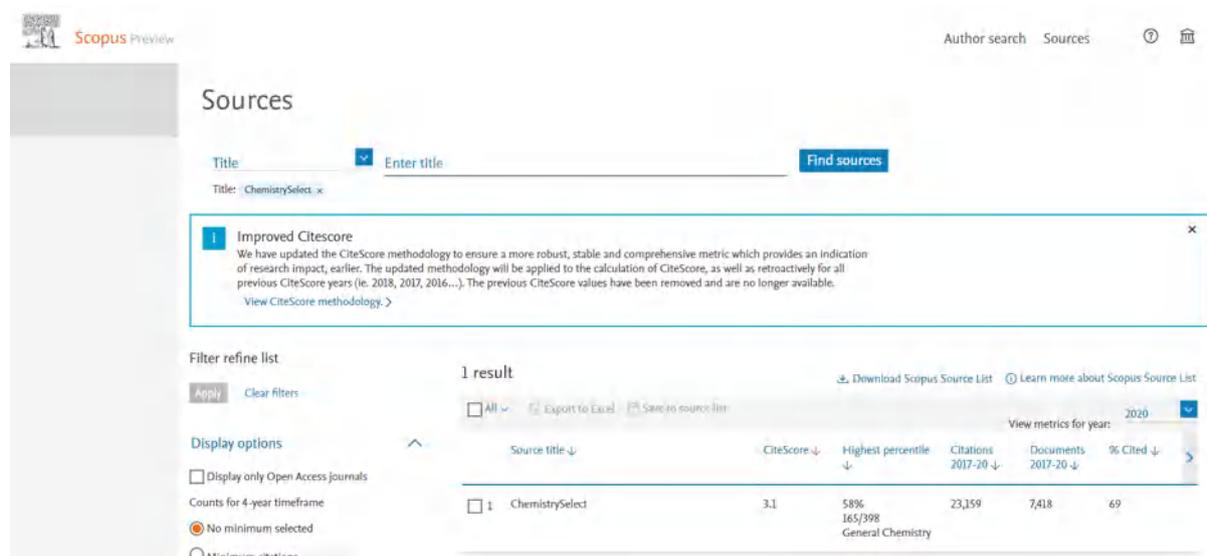
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[\*\*] OBP = odorant-binding protein.

 Supporting information for this article is available on the WWW under <https://doi.org/10.1002/slct.202000060>

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Source title	CitScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 ChemistrySelect	3.1	58% 165/398 General Chemistry	23,159	7,418	69

# Synthesis of novel pyridine-connected piperidine and 2H-thiopyran derivatives and their larvicidal, nematicidal, and antimicrobial activities

doi.org/10.29356/jmcs.v62i4.472

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## Synthesis of novel pyridine-connected piperidine and 2H-thiopyran derivatives and their larvicidal, nematicidal, and antimicrobial activities

**Idhayadhulla Akbar**  
Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti -621007, Tiruchirappalli District, Tamil Nadu, South India.  
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**Keerthana Selva raj**  
Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti -621007, Tiruchirappalli District, Tamil Nadu, South India.

**Larvicidal, Nematicidal, and Antimicrobial activities**

Graphical abstract, Cover Letter, English corrected manuscript, Figure 1, Scheme, Response to reviewers

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0.9 CiteScore<sup>2020</sup>  
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Title: Journal Of The Mexican Chemical Society

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<input type="checkbox"/> 1 Journal of the Mexican Chemical Society	0.9	23rd 306/1398 General Chemistry	128	143	37

# Biological Evaluation of Some Imidazolidine-2,4-dione and 2-thioxoimidazolidin-4-one Derivatives as Anticoagulant Agents and Inhibition of MCF-7 Breast Cancer Cell Line

DOI number: [10.3923/ijp.2016.290.303](https://doi.org/10.3923/ijp.2016.290.303)

 OPEN ACCESS

International Journal of Pharmacology

ISSN 1811-7775

DOI: 10.3923/ijp.2016.290.303



## Research Article

### Biological Evaluation of Some Imidazolidine-2,4-dione and 2-thioxoimidazolidin-4-one Derivatives as Anticoagulant Agents and Inhibition of MCF-7 Breast Cancer Cell Line

<sup>1,2</sup>Ashraf A. Mostafa, <sup>1</sup>Abdullah N. Al-Rahmah, <sup>3</sup>R. Surendra Kumar, <sup>4</sup>Asser Manilal and <sup>3</sup>Akbar Idhayadhulla

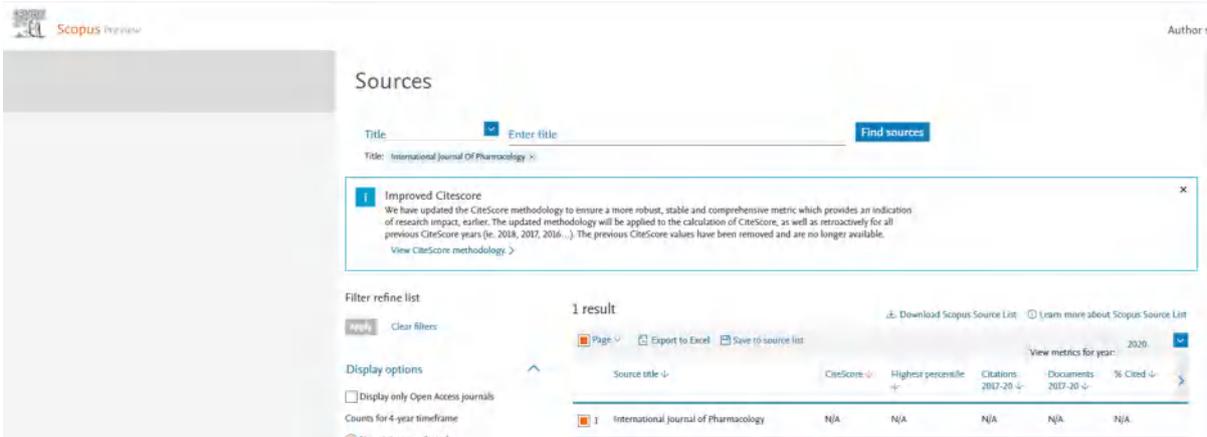
<sup>1</sup>Department of Botany and Microbiology, Collage of Science, King Saud University, P.O. Box 2455, 11451 Riyadh, Kingdom of Saudi Arabia

<sup>2</sup>National Institute of Oceanography and Fisheries, Al-Kanater Al-Khairya Fish Research Station, Egypt

<sup>3</sup>PG and Research Department of Chemistry, Nehru Memorial College, Puthanampatti-621007, Tiruchirappalli, Tamil Nadu, South India

<sup>4</sup>Department of Medical Laboratory Sciences, College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia

Scopus



The screenshot shows the Scopus Sources page. At the top, there is a search bar with the text "Enter title" and a "Find sources" button. Below the search bar, the title "International Journal of Pharmacology" is displayed. A notification box titled "Improved CitScore" is visible, stating that the CitScore methodology has been updated to be more robust and stable, and that previous values are no longer available. On the left side, there are options for "Filter refine list" (New, Clear filters) and "Display options" (Display only Open Access journals, Counts for 4-year timeframe, No minimum selected). The main content area shows "1 result" for the "International Journal of Pharmacology". A table below the result displays metrics for the journal:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
International Journal of Pharmacology	N/A	N/A	N/A	N/A	N/A

# Generation of addition chain using bacteria foraging optimization algorithm

DOI: 10.14445/22315381/IJETT-V69I2P205

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## Generation of Addition Chain using Bacteria Foraging Optimization Algorithm

**International Journal of Engineering Trends and Technology (IJETT)**  
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Volume-69 Issue-2  
Year of Publication : 2021  
**Authors :** Dr.K.Mani, A. Mullai

[10.14445/22315381/IJETT-V69I2P205](https://doi.org/10.14445/22315381/IJETT-V69I2P205)

**Citation**

**MLA Style:** Dr.K.Mani, A. Mullai"Generation of Addition Chain using Bacteria Foraging Optimization Algorithm"  
International Journal of Engineering Trends and Technology 69.2(2021):32-38.

**APA Style:** Dr.K.Mani, A. Mullai. Generation of Addition Chain using Bacteria Foraging Optimization Algorithm  
*International Journal of Engineering Trends and Technology*, 69(2),32-38.

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### Document details - Generation of addition chain using bacteria foraging optimization algorithm

1 of 1  
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International Journal of Engineering Trends and Technology  
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#### Generation of addition chain using bacteria foraging optimization algorithm(Article)

Mani, K., Mullai, A.  
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\*Computer Science, Nehru Memorial College(Autonomous), Affiliated to Bharathidasan University, Puthampattu, Tiruchirappalli, Tamil Nadu, India  
\*Computer Science, Seethalakshmi Ramaswami College (Autonomous), Affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu, India  
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# Optimizing the Run Time in Mobile Devices

DOI: [10.1109/WCCCT.2016.23](https://doi.org/10.1109/WCCCT.2016.23)

The screenshot shows the IEEE Xplore interface. At the top, there are navigation links for IEEE.org, IEEE Xplore, IEEE-SA, IEEE Spectrum, and More Sites. On the right, there are links for SUBSCRIBE, Cart, Create Account, and Personal Sign in. The main header includes the IEEE Xplore logo, a search bar with 'All' selected, and an 'Institutional Sign In' button. Below the search bar is an 'ADVANCED SEARCH' link. The article title 'Optimizing the Run Time in Mobile Devices' is displayed, along with the publisher 'IEEE'. There are buttons for 'Cite This' and 'PDF'. The authors 'K. Mani; A. Mullai' are listed, along with an 'All Authors' link. A '50 Full Text Views' badge is visible. On the right, there is a promotional banner for 'Need Full-Text access to IEEE Xplore for your organization?' with a 'CONTACT IEEE TO SUBSCRIBE' button. Social sharing icons for ResearchGate, Facebook, Creative Commons, Email, and a notification bell are also present.

## Authors

[K. Mani](#)

Department of Computer Science, Bharathidasan University, Trichy, Tamil Nadu, India

[A. Mullai](#)

Department of Computer Science, Bharathidasan University, Trichy, Tamil Nadu, India

## Scopus

The screenshot shows the Scopus document details page. At the top left is the Scopus logo and 'Preview' text. On the right, there are links for 'Author search', 'Sources', and a help icon. The main title is 'Document details - Optimizing the Run Time in Mobile Devices'. Below the title, it indicates '1 of 1' and provides options for 'Export', 'Download', and 'More...'. A table lists the document details: 'Proceedings - 2nd World Congress on Computing and Communication Technologies, WCCCT 2017', '18 October 2017, Article number 8074492, Pages 55-60', and '2nd World Congress on Computing and Communication Technologies, WCCCT 2017; St. Joseph's College Tiruchirappalli, Tamil Nadu, India; 2 February 2017 through 4 February 2017; Category number E6022; Code 131421'. Below the table, the title 'Optimizing the Run Time in Mobile Devices (Conference Paper)' is shown, followed by the authors 'Mani, K., Mullai, A.'. There are links for 'View additional authors', 'Save all to author list', and 'View additional affiliations'. On the right side, there is a section 'Cited by 0 documents' with a link to 'Inform me when this document is cited in Scopus'. Below that is a 'Related documents' section with a link to 'Find more related documents in Scopus based on:' and sub-links for 'Authors' and 'Keywords'.

# A new hybrid framework for filter based feature selection using information gain and symmetric uncertainty

ISSN :1728144X



## A New Hybrid Framework for Filter based Feature Selection using Information Gain and Symmetric Uncertainty (TECHNICAL NOTE)

### Authors

P. Kalpana ; K. Mani

Department of Computer Science, Nehru Memorial College, Puthanampatti, Tiruchirappalli-Dt, Tamil Nadu, India

Volume 30, Issue 5  
TRANSACTIONS  
B: Applications  
May 2017  
Pages 659-667

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## Document details - A new hybrid framework for filter based feature selection using information gain and symmetric uncertainty

1 of 1

International Journal of Engineering, Transactions B: Applications

Volume 30, Issue 5, May 2017, Pages 659-667

### A new hybrid framework for filter based feature selection using information gain and symmetric uncertainty(Article)

Kalpana, P., Mani, K.

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Department of Computer Science, Nehru Memorial College, Puthanampatti, Tiruchirappalli-Dt, Tamil Nadu, India

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Age and gender as cyber attribution features in keystroke dynamic-based user classification processes

(2021) *Electronics (Switzerland)*

Biglari, M., Mirzaei, F., Hassanpour, H.

Feature selection for small sample sets with high dimensional data using heuristic hybrid approach

(2020) *International Journal of Engineering, Transactions B: Applications*

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# MRIImgEncA-Analysis and Enhancement of speed and Security in Public key Cryptography for image file

International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.82 (2015)  
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## MRIImgEncA- Analysis and Enhancement of speed and security in Public key Cryptography for image file

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Dr.K.Mani

Asso.Prof in Computer Science,  
Nehru Memorial College,  
Trichy, India .  
[nitishmanik@gmail.com](mailto:nitishmanik@gmail.com)

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International Journal of Applied Engineering Research

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Scopus coverage years: 2009, from 2011 to 2018

(coverage discontinued in Scopus)

Publisher: Research India Publications

ISSN: 0973-4562 E-ISSN: 0973-9769

Subject area: Engineering: General Engineering

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# Lloyd and minkowski based K-means clustering for effective diagnosis of heart disease and stroke

DOI: <https://doi.org/10.15866/irecos.v10i6.6265>



Praise Worthy Prize

International Review on  
Computers and Software  
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## Lloyd and Minkowski Based K-Means Clustering for Effective Diagnosis of Heart Disease and Stroke

D. Nalini Muruganatham<sup>(1\*)</sup>, R. Periasamy<sup>(2)</sup>

<sup>(1)</sup> Department of Computer Science, Kurinji college of Arts and Science, India

<sup>(2)</sup> PG and Research Department of Computer Science, Nehru Memorial College (Autonomous), India

<sup>(\*)</sup> Corresponding author

DOI: <https://doi.org/10.15866/irecos.v10i6.6265>

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### Document details - Lloyd and minkowski based K-means clustering for effective diagnosis of heart disease and stroke

1 of 1

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International Review on Computers and Software

Volume 10, Issue 6, 1 June 2015, Pages 573-579

**Lloyd and minkowski based K-means clustering for effective diagnosis of heart disease and stroke(Article)**

Nalini, D., Periasamy, R.

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<sup>1</sup>Department of Computer Science, Kurinji college of Arts and Science, Tiruchirappalli, Tamilnadu, India

<sup>2</sup>PG and Research Department of Computer Science, Nehru Memorial College (Autonomous), Puthanampatti, Trichy(dt), Tamilnadu, India

Cited by 5 documents

- Hendradi, R., Arifin, A., Shida, H. Analysis and methods to test classification of normal and pathological heart sound signals
- (2016) Journal of Theoretical and Applied Information Technology
- Djelala, S., Berrached, N., Boudraa, A.-O. Mode by mode classification of congestive heart failure from long term HRV analysis
- (2016) International Review of Electrical Engineering
- Bahri, A., Zouaki, H., Thami, R.O.H.

# Binary back propagation based lift association mining for heart disease and stroke identification

- 10(6):16071-16087

Article

## Binary back propagation based lift association mining for heart disease and stroke identification

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#### Binary back propagation based lift association mining for heart disease and stroke identification(Article)

Nalini, D., Periasamy, R.

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# A state of approaches on minimization of Boolean functions

Issue: 12-Special Issue

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A STATE OF APPROACHES ON MINIMIZATION OF BOOLEAN FUNCTIONS  
\*M. Valli, Dr. R. Periyasamy, J. Amudhavel

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Journal of Advanced Research in Dynamical and Control Systems

Volume 9, Issue Special Issue 12, August 2017, Pages 1322-1341

### A state of approaches on minimization of Boolean functions(Review)

Valli, M., Periyasamy, R., Amudhavel, J.

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<sup>a</sup>Karpagam Academy of Higher Education, Karpagam University, Coimbatore, India

<sup>b</sup>Nehru Memorial College (Autonomous), Trichy, Tamilnadu, India

<sup>c</sup>Department of CSE, KL University, Andhra Pradesh, India

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# Gray code based K-map technique (G-K map) for Boolean functions with many variables

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GRAY CODE BASED K-MAP TECHNIQUE (G-K MAP) FOR BOOLEAN FUNCTIONS WITH MANY VARIABLES

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Journal of Advanced Research in Dynamical and Control Systems

Volume 9, Issue Special Issue 12, August 2017, Pages 1308-1321

### Gray code based K-map technique (G-K map) for Boolean functions with many variables (Article)

Valli, M., Periyasamy, R., Amudhavel, J.

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<sup>2</sup>Karpagam Academy of Higher Education, Karpagam University, Coimbatore, India

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# An Enhanced Multi Attribute Depthness Similarity Estimation Technique to Improve Classification Accuracy

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The screenshot shows the IEEE Xplore website header with navigation links like 'IEEE.org', 'IEEE Xplore', 'IEEE-SA', 'IEEE Spectrum', and 'More Sites'. It includes a search bar with 'All' selected and an 'Institutional Sign In' button. Below the header, the article title 'An Enhanced Multi Attribute Depthness Similarity Estimation Technique to Improve Classification Accuracy' is displayed, along with the publisher 'IEEE' and buttons for 'Cite This' and 'PDF'. A sidebar on the right contains a 'Need Full-Text' advertisement.

## Authors

**N. Elavarasan**

Associate Professor in Computer Science, Nehru Memorial College, Trichy

**K. Mani**

Research Scholar in Computer Science, Nehru Memorial College, Trichy

## Scopus

The screenshot shows the Scopus 'Document details' page for the article. It includes the title, authors (N. Elavarasan, K. Mani), and publication information: 'Proceedings - 2nd World Congress on Computing and Communication Technologies, WCCCT 2017', dated 18 October 2017, article number 8074504, pages 115-118. The location is listed as St. Joseph's College Tiruchirappalli, Tamil Nadu, India. The page also features options for 'Export', 'Download', and 'More...', a 'Cited by 0 documents' section, and a 'Related documents' section.

# Extemporization of Business Strategies using Apriori based on Import and Export Patterns with Quantities

## International Journal of Applied Engineering Research (IJAER)

Volume 10, Number 82 (2015) *Special Issues*

### CONTENTS

[Extemporization of Business Strategies using Apriori based on Import and Export Patterns with Quantities](#)

pp.302-306

K.Mani and R.Akila

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Publisher: Research India Publications

ISSN: 0973-4562 E-ISSN: 0973-9769

Subject area: [Engineering: General Engineering](#)

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Subject area: [Multidisciplinary](#)

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# Some graph operations in multiplicative Zagreb indices

[10.1063/5.0025250](https://doi.org/10.1063/5.0025250)

## Some Graph Operations In Multiplicative Zagreb Indices

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<sup>1,2</sup> *Department of Mathematics, Faculty of Engineering and Technology  
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<sup>a)</sup>Corresponding author: [suresh.math86@gmail.com](mailto:suresh.math86@gmail.com)

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**Some graph operations in multiplicative Zagreb indices(Conference Paper)**  
(Open Access)

Radhakrishnan, M., Suresh, M., Selvi, V.M.

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<sup>1</sup>Department of Mathematics, Faculty of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu, India  
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# Domination of line neighbourhood graphs

International Journal of Pure and Applied Mathematics

Volume 113 No. 10 2017, 343 – 351

ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)

url: <http://www.ijpam.eu>

Special Issue



## Domination of line neighbourhood graphs

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Puthanampatti-621007, Trichy,  
Tamil Nadu, India.  
kavitha.thamilmani@gmail.com

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The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "International Journal Of Pure And Applied Mathematics" entered. To the right of the search bar are buttons for "Author search", "Sources", "Create account", and "Sign in". Below the search bar, the word "Sources" is displayed. On the left side, there are filter options: "Filter refine list" with "Apply" and "Clear filters" buttons, and "Display options" with a checkbox for "Display only Open Access journals" and a note "Counts for 4-year timeframe". The main search results area shows "1 result" and a table with the following columns: "Source title", "CiteScore", "Highest percentile", "Citations", "Documents", and "% Cited". The table contains one row for "International Journal of Pure and Applied Mathematics" with all metrics listed as "N/A".

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 International Journal of Pure and Applied Mathematics	N/A	N/A	N/A	N/A	N/A

# Highly active P25@Pd/C nano composite for the degradation of Naphthol Blue Black with visible light

[doi.org/10.1016/j.molstruc.2017.09.120](https://doi.org/10.1016/j.molstruc.2017.09.120)



Journal of Molecular Structure

Volume 1153, 5 February 2018, Pages 346-352



## Highly active P25@Pd/C nanocomposite for the degradation of Naphthol Blue Black with visible light

Balu Krishnakumar <sup>a</sup>, Santosh Kumar <sup>a</sup>, João M. Gil <sup>b</sup>, V. Pandiyan <sup>c</sup>, António Aguiar <sup>a</sup>, Abilio J.F. N. Sobral <sup>a</sup>

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Received 10 July 2017, Revised 28 September 2017, Accepted 29 September 2017, Available online 30 September 2017.

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The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Title' and 'Enter title'. Below the search bar, the search results are displayed. The first result is 'Journal of Molecular Structure'. The table below shows the search results for 'Journal of Molecular Structure'.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

# Spectra, electronic structure and molecular docking investigations on 3-(phenyl(p-tolylamino)methyl)naphthalen-2-ol – An experimental and computational approach

DOI [10.1016/j.molstruc.2017.01.020](https://doi.org/10.1016/j.molstruc.2017.01.020)

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## Spectra, electronic structure and molecular docking investigations on 3-(phenyl(p-tolylamino)methyl)naphthalen-2-ol – An experimental and computational approach

S. Jone Pradeepa, Maria Susai Boobalan, D. Tamilvendan, N. Sundaraganesan, S. Sebastian, Kun Qian

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- N. Sundaraganesan**  
Department of Physics, Annamalai University (Engg), Chidambaram, 608002, Tamilnadu, India
- S. Sebastian**  
Department of Physics, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, 607001, Tamil Nadu, India
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1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

# Molecular interaction studies in binary mixtures of tetrahydrofuran with arene-substituted alcohols: acoustic and volumetric study

[doi.org/10.1080/00319104.2018.1564752](https://doi.org/10.1080/00319104.2018.1564752)

The image shows the journal page for 'Physics and Chemistry of Liquids' on Taylor & Francis Online. The page features a blue header with navigation links and a search bar. The main content area displays the journal title, volume information, and a list of articles. The featured article is 'Molecular interaction studies in binary mixtures of tetrahydrofuran with arene-substituted alcohols: acoustic and volumetric study' by A. Shakila, R. Raju, T. Srinivasa Krishna, Ranjan Dey & V. Pandiyan. The article has 89 views, 2 CrossRef citations, and 0 altmetric. The page also includes a 'Submit an article' button and a 'journal homepage' link.

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Desalination and Water Treatment	1.6	44% 54/96 Ocean Engineering	9,460	5,958	50

# Invitro antibacterial analysis of copper solution (microparticle) a novel anti-infective molecule for wound management

DOI: 10.9790/0853-1707092226

*IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*

e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 17, Issue 7 Ver. 9 (July. 2018), PP 22-26

[www.iosrjournals.org](http://www.iosrjournals.org)

## ***In vitro* antibacterial analysis of copper solution (microparticle) – a novel anti-infective molecule for wound management**

Pramila M<sup>1</sup>, Meenakshisundaram M<sup>1</sup>, Prabhusaran N<sup>2\*</sup>,  
Lalithambigai R<sup>2</sup>, Karthik P<sup>3</sup>

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<sup>2</sup>Department of Microbiology, Trichy SRM Medical College Hospital and Research Centre, Tiruchirapalli, India (Affiliated to The Tamilnadu Dr. M.G.R. Medical University, Chennai)

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Correspondence author- Prabhusaran N (E. mail- leptoprabhu@gmail.com)

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1 Journal of Medical and Dental Sciences	0.5	17% 92/111	18	36	31

# In vitro antioxidant activity of *Phyllodium pulchellum* L. Desv - an threatened medicinal plant.

DOI: <http://dx.doi.org/10.22159/ajpcr.2017.v10i10.19919>

**ASIAN JOURNAL OF PHARMACEUTICAL AND CLINICAL RESEARCH**

Vol 10, Issue 10, 2017

  
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ACADEMIC SCIENCES  
Knowledge to Innovation  
Online - 2455-3891  
Print - 0974-2441  
**Research Article**

**IN VITRO ANTIOXIDANT ACTIVITY OF *PHYLLODIUM PULCHELLUM* L. DESV - AN THREATENED MEDICINAL PLANT**

**GOPAL VELMURUGAN\*, SUBRAMANIAM PARVATHI ANAND**

Department of Botany, National College (Autonomous), Tiruchirappalli - 620 001, Tamil Nadu, India. Email: [velmuruganbotany@gmail.com](mailto:velmuruganbotany@gmail.com)

Received: 13 May 2016, Revised and Accepted: 30 June 2017

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# GC-MS Analysis of bioactive compounds on ethanolic leaf extract of *Phyllodium pulchellum* L. Desv.

DOI number: 10.25258/ijpapr.v9i1.8051

Available online on [www.ijpapr.com](http://www.ijpapr.com)

International Journal of Pharmacognosy and Phytochemical Research 2017; 9(1); 114-118

DOI number: 10.25258/ijpapr.v9i1.8051

ISSN: 0975-4873

Research Article

## GC-MS Analysis of Bioactive Compounds on Ethanolic Leaf Extract of *Phyllodium pulchellum* L. Desv.

Velmurugan G\*, Anand S P

PG & Research Department of Botany, National College (Autonomous), Tiruchirappalli – 620 001, Tamil Nadu, India.

Received: 9<sup>th</sup> Nov, 16; Revised: 12<sup>th</sup> Dec, 16; Accepted: 27<sup>th</sup> Dec, 16; Available Online: 15<sup>th</sup> January, 2017

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Title: International Journal Of Pharmacognosy And Phytochemical Research'. Below the search bar, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right of the search bar, there are links for 'Author search', 'Sources', 'Create account', and 'Sign in'. The main search results section shows '1 result' for the journal 'International Journal of Pharmacognosy and Phytochemical Research'. The table below shows the search results with columns for Source title, CiteScore, Highest percentile, Citations, Documents, and % Cited. The result for the journal is listed with a score of 1 and all metrics are N/A.

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
1 International Journal of Pharmacognosy and Phytochemical Research	N/A	N/A	N/A	N/A	N/A

2018-2019

# Electrical resistivity measurements of manganite $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ under uniaxial pressure at high temperature

Journal of Superconductivity and Novel Magnetism (2019) 32:2467–2469  
https://doi.org/10.1007/s10948-018-4969-0

ORIGINAL PAPER



## Electrical Resistivity Measurements of Manganite $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ Under Uniaxial Pressure at High Temperature

S. Muruganatham<sup>1</sup> · S. Kumararaman<sup>2</sup> · N. R. Tamilselvan<sup>2</sup> · T. Thaila<sup>3</sup> · K. Subbaraman<sup>1</sup>

Received: 21 October 2018 / Accepted: 7 December 2018 / Published online: 18 December 2018  
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<sup>3</sup> Department of Physics, Srimiyasan Engineering College,  
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Scopus



Author search Sources ⓘ

### Source details

Feedback > Compare source

Journal of Computational and Theoretical Nanoscience

Scopus coverage years: from 2004 to 2020

Publisher: American Scientific Publishers

ISSN: 1546-1955 E-ISSN: 1546-1963

Subject area: [Chemistry: General Chemistry](#) [Engineering: Electrical and Electronic Engineering](#) [Materials Science: General Materials Science](#)  
[Mathematics: Computational Mathematics](#) [Physics and Astronomy: Condensed Matter Physics](#)

Source type: Journal

[View all documents >](#) [Set document alert](#) [Save to source list](#) [Source Homepage](#)

CiteScore 2020  
0.9

SJR 2020  
0.124

SNIP 2020  
0.269

# Dynamics of periodically pulsed driven chua's circuit

Doi = <https://doi.org/10.1166/jctn.2018.7165>



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Journal of  
Computational and Theoretical Nanoscience  
Vol. 15, 1-5, 2018

## Dynamics of Periodically Pulsed Driven Chua's Circuit

M. Inbavali<sup>1,4,\*</sup>, K. Srinivasan<sup>2</sup>, R. Gladwin Pradeep<sup>3</sup>, A. Venkatesan<sup>2</sup>, and K. Murali<sup>4</sup>

<sup>1</sup>Department of Physics, Jeppiaar Engineering College, Chennai 600119, India

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<sup>3</sup>Department of Physics, KCG College of Technology, Chennai 600097, India

<sup>4</sup>Department of Physics, Anna University, Chennai 600025, India

We consider a simple nonlinear electronic circuit namely Chua's circuit, which exhibits different dynamical behaviours including period-doubling route to chaos. In this paper, we show that the effect of additional periodic impulses in this Chua's circuit provides quasi-periodic route to chaos through a novel multiple period doubling bifurcations. A rich variety of dynamical phenomena including extended quasiperiodic regimes, distinctly modified bifurcation structures, attractor crisis, enlarged periodic windows are observed as the effects of the periodic impulses. It is also observed that for a certain kind of impulsive force, this circuit admits transcritical bifurcations followed by the multiple period doubling bifurcations.

**Keywords:** Chua's Circuit, Nonautonomous Circuit, Bifurcations, Chaos.

## Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Enter ISSN or ISSNs" and a "Find sources" button. Below the search bar, a notification box states: "Improved CiteScore: We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (i.e. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. View CiteScore methodology." Below the notification, the search results are displayed. The "Filter refine list" section shows "Apply" and "Clear filters" buttons. The "Display options" section shows "Display only Open Access journals" and "Counts for 4-year timeframe" with "No minimum selected". The search results show 1 result: "Journal of Superconductivity and Novel Magnetism" with a CiteScore of 2.3, a highest percentile of 44%, 4,381 citations (2016-19), 1,869 documents (2016-19), and 62% cited. The journal is published by "Condensed Matter Physics".

Source title	CiteScore	Highest percentile	Citations 2016-19	Documents 2016-19	% Cited
1 Journal of Superconductivity and Novel Magnetism	2.3	44%	4,381	1,869	62

# Green synthesis of CeO<sub>2</sub>-TiO<sub>2</sub> compound using *Cleome chelidonii* leaf extract for excellent photocatalytic activity

Doi = <https://doi.org/10.1007/s10854-018-9534-x>

 SpringerLink

Published: 02 July 2018

Green synthesis of CeO<sub>2</sub>-TiO<sub>2</sub> compound using *Cleome chelidonii* leaf extract for excellent photocatalytic activity

Subramanian Senthilkumar, Kashinath Lellala, Mahalingam Ashok, Arumugam Priyadharsan, Chinnappanadar Sanjeeviraja & Annamalai Rajendran 

*Journal of Materials Science: Materials in Electronics* 29, 14022–14030 (2018) | [Cite this article](#)

255 Accesses | 3 Citations | [Metrics](#)

## Author information

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Department of Physics, Periyar University, Salem, 636011, India

Arumugam Priyadharsan

Department of Physics, Alagappa Chettiar College of Engineering and Technology, Karaikudi, 630003, India

Chinnappanadar Sanjeeviraja

## Scopus

 Scopus                        

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Feedback > Compare sources >

### Source details

Journal of Materials Science: Materials in Electronics

Scopus coverage years: from 1990 to Present

Publisher: Springer Nature

ISSN: 0957-4522 E-ISSN: 1573-482X

Subject area: [Engineering: Electrical and Electronic Engineering](#) [Materials Science: Electronic, Optical and Magnetic Materials](#)  
[Physics and Astronomy: Condensed Matter Physics](#) [Physics and Astronomy: Atomic and Molecular Physics, and Optics](#)

Source type: Journal

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CiteScore 2020 4.0 

SJR 2020 0.489 

SNIIP 2020 0.651 

# The effect of PAVc on surface morphological and electrochemical performance of (VdF-HFP)-based blend solid polymer electrolytes for lithium ion-battery applications

Ionics  
https://doi.org/10.1007/s11581-018-2679-z

ORIGINAL PAPER



## The effects of PVAc on surface morphological and electrochemical performance of P(VdF-HFP)-based blend solid polymer electrolytes for lithium ion-battery applications

M. Sasikumar<sup>1</sup> · A. Jagadeesan<sup>2</sup> · M. Raja<sup>3</sup> · R. Hari Krishna<sup>4</sup> · P. Sivakumar<sup>5</sup>

Received: 29 April 2018 / Revised: 11 July 2018 / Accepted: 2 August 2018  
© Springer-Verlag GmbH Germany, part of Springer Nature 2018

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- <sup>3</sup> Department of Chemistry, Indian Institute of Technology Madras, Chennai, Tamil Nadu 600 036, India
- <sup>4</sup> Department of Chemistry, M.S. Ramaiah Institute of Technology, Bangalore 560 054, India
- <sup>5</sup> PG and Research Department of Physics, Periyar E. V. R College, Trichy, Tamil Nadu 620 023, India

Published online: 10 August 2018

Scopus



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Title  Enter title

Title: ionics x

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1 result

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All

View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 Ionics	3.7	78% 64/297 General Engineering	7,263	1,954	74

# Influence of hydrothermally synthesized cubic-structured BaTiO<sub>3</sub> ceramic fillers on ionic conductivity mechanical integrity and thermal behavior of P (VDF-HFP)/PVAc – based composite solid polymer electrolytes for lithium batteries

DOI: 10.1021/acs.jpcc.8b03952

THE JOURNAL OF  
PHYSICAL CHEMISTRY C

Cite This: *J. Phys. Chem. C* 2018, 122, 25741–25752

Article

pubs.acs.org/JPC

## Influence of Hydrothermally Synthesized Cubic-Structured BaTiO<sub>3</sub> Ceramic Fillers on Ionic Conductivity, Mechanical Integrity, and Thermal Behavior of P(VDF–HFP)/PVAc-Based Composite Solid Polymer Electrolytes for Lithium-Ion Batteries

M. Sasikumar,<sup>†</sup> M. Raja,<sup>‡</sup> R. Hari Krishna,<sup>§</sup> A. Jagadeesan,<sup>||</sup> P. Sivakumar,<sup>\*,⊥</sup> and S. Rajendran<sup>#</sup>

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<sup>#</sup>School of Physics, Alagappa University, Karaikudi, Tamil Nadu 630 003, India

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### Sources

Title

Enter title

Find sources

Title: Journal Of Physical Chemistry x

#### Filter refine list

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1 result

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1 Journal of Physical Chemistry	N/A	N/A	N/A	N/A	N/A

# Coexisting bifurcation in a memristive hyperchaotic oscillator

[doi.org/10.1016/j.aeue.2018.03.035](https://doi.org/10.1016/j.aeue.2018.03.035)

Int. J. Electron. Commun. (AEÜ) 90 (2018) 110–122



Contents lists available at ScienceDirect

Int. J. Electron. Commun. (AEÜ)

journal homepage: [www.elsevier.com/locate/aeue](http://www.elsevier.com/locate/aeue)



## Coexisting bifurcations in a memristive hyperchaotic oscillator

T. Fozin Fonzin<sup>a,b,c</sup>, K. Srinivasan<sup>d</sup>, J. Kengne<sup>e</sup>, F.B. Pelap<sup>f,c,\*</sup>



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<sup>b</sup> Centre for Nonlinear Dynamics (CNLD), Department of Physics, Bharathidasan University, Tiruchirappalli 620 024, India

<sup>c</sup> Centre d'Excellence Africain en Technologies de l'Information et de la Communication (CETIC), University of Yaoundé I, P.O. Box 812, Yaoundé, Cameroon

<sup>d</sup> Department of Physics, Nehru Memorial College, Puthanampatti, P.O. 621007, Tiruchirappalli, India

<sup>e</sup> Unité de recherche d'Automatique et d'Informatique Appliquée (LAIA), IUT-FV de Bandjoun, University of Dschang, Bandjoun, P.O. Box 134, Cameroon

<sup>f</sup> Unité de recherche de Mécanique et de Modélisation des Systèmes Physiques (L2MSP), Department of Physics, Faculty of Sciences, University of Dschang, P.O. Box 69, Dschang, Cameroon

## Scopus



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Author search Sources



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## Sources

Title  Enter title

Find sources

Title: AEU - International Journal Of Electronics And Communications x

### Filter refine list

Apply Clear filters

### Display options

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

Minimum citations

1 result

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 AEU - International Journal of Electronics and Communications	6.5	83% 113/693 Electrical and Electronic Engineering	10,613	1,628	81

# Implementation of Dynamic Dual Input Multiple Output Logic Gates via Enhanced Logical Resonance in Non-Locally Coupled Duffing Oscillators

DOI: 10.16943/ptinsa/2018/49473

*Proc Indian Natn Sci Acad* 85 No. 1 March 2019 pp 247-255  
© Printed in India.

DOI: 10.16943/ptinsa/2018/49473

## Research Paper

### Implementation of Dynamic Dual Input Multiple Output Logic Gates via Enhanced Logical Resonance in Non-Locally Coupled Duffing Oscillators

P. R. VENKATESH\*

*PG & Research Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli 621 007, Tamilnadu, India*

(Received on 27 May 2018; Revised on 21 June 2018; Accepted on 22 June 2018)

## Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Title" and "Enter title". A "Find sources" button is located to the right of the search bar. Below the search bar, the search results are displayed. The first result is "Proceedings of the Indian National Science Academy Open Access". The result is shown in a table with columns for Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The CiteScore is 0.8, the Highest percentile is 22%, Citations 2017-20 is 216, Documents 2017-20 is 258, and % Cited is 37. The result is also labeled as "Open Access".

Scopus Preview

Author search Sources ⓘ ⓘ Create account Sign in

### Sources

Title  Enter title

Title: Proceedings Of The Indian National Science Academy x

Filter refine list

Display options

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

Minimum citations

1 result

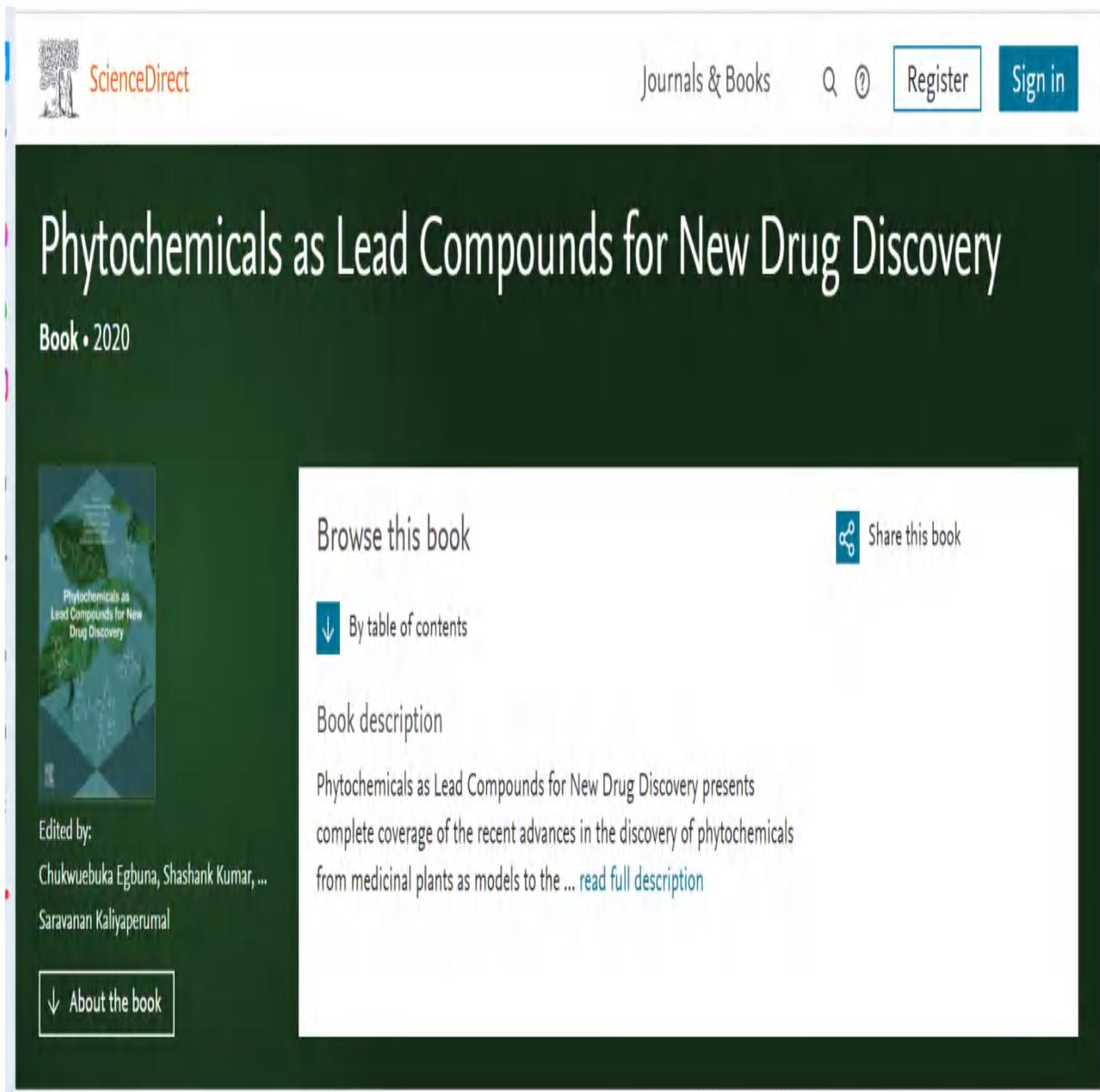
All

View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Proceedings of the Indian National Science Academy <i>Open Access</i>	0.8	22% 158/204 General Biochemistry, Genetics and Molecular Biology	216	258	37

Egbuna C., Kumar S., Ifemeje J.C., Ezzat S.M., **Saravanan Kaliyaperumal**.2019.  
**Phytochemicals as lead compounds for new drug discovery. Elsevier, USA.**

- DOI: <https://doi.org/10.1016/C2018-0-02367-1>
- ISBN: 978-012817891-1;978-012817890-4



The screenshot shows the ScienceDirect website interface for a book. At the top, the ScienceDirect logo is on the left, and 'Journals & Books' is on the right. There are search and help icons, and buttons for 'Register' and 'Sign in'. The main title 'Phytochemicals as Lead Compounds for New Drug Discovery' is displayed in large white text on a dark green background, with 'Book • 2020' below it. On the left side, there is a book cover image and the text 'Edited by: Chukwuebuka Egbuna, Shashank Kumar, ... Saravanan Kaliyaperumal'. Below the cover is a button labeled 'About the book'. On the right side, there is a 'Browse this book' section with a 'Share this book' icon. Underneath, there is a 'By table of contents' button and a 'Book description' section. The description text reads: 'Phytochemicals as Lead Compounds for New Drug Discovery presents complete coverage of the recent advances in the discovery of phytochemicals from medicinal plants as models to the ... read full description'.

Devi G., Harikrishnan R., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Balasundaram C. 2019. Effects of aloe-emodin on innate immunity, antioxidant and immune cytokines mechanisms in the head kidney leucocytes of *Labeo rohita* against *Aphanomyces invadans*. *Fish and Shellfish Immunology*. 87:669-678. <https://doi.org/10.1016/j.fsi.2019.02.006>

The screenshot shows the Scopus Sources interface. At the top, there is a search bar for ISSN with the value '10504648 x 02546299 x' and a 'Find sources' button. Below the search bar is a notification box titled 'Improved Citescore' with a close button. The main content area shows '2 results' and a table of source information. On the left, there are filter and display options.

**Filter refine list**

**Display options**  
 Display only Open Access Journals  
 Counts for 4-year timeframe  
 No minimum selected

**2 results**

All  Export to Excel  Save to source list

View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	15.8%



Full length article

# Effects of aloe-emodin on innate immunity, antioxidant and immune cytokines mechanisms in the head kidney leucocytes of *Labeo rohita* against *Aphanomyces invadans*

Gunapathy Devi <sup>a</sup>, Ramasamy Harikrishnan <sup>b</sup>, Bilal Ahmad Paray <sup>c</sup>  , Mohammad K. Al-Sadoon <sup>c</sup>, Seyed Hossein Hoseinifar <sup>d</sup>, Chellam Balasundaram <sup>e</sup>

<sup>a</sup> Department of Zoology, Nehru Memorial College, Puthanampatti, 621 007, Tamil Nadu, India

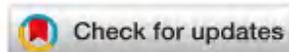
<sup>b</sup> Department of Zoology, Pachaiyappa's College for Men, Kanchipuram, 631 501, Tamil Nadu, India

<sup>c</sup> Zoology Department, College of Science, King Saud University, PO Box 2455, Riyadh, 11451, Saudi Arabia

<sup>d</sup> Department of Fisheries, Faculty of Fisheries and Environmental Sciences, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran

<sup>e</sup> Department of Herbal and Environmental Science, Tamil University, Thanjavur, 613 005, Tamil Nadu, India

Received 21 November 2018, Revised 3 February 2019, Accepted 5 February 2019, Available online 10 February 2019.



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<https://doi.org/10.1016/j.fsi.2019.02.006>

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Devi G., Harikrishnan R., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Balasundaram C. 2019.

Comparative immunostimulatory effect of probiotics and prebiotics in *Channa punctatus* against *Aphanomyces invadans*. 86: 965-963 .  
<https://doi.org/10.1016/j.fsi.2018.12.051>

Scopus Preview

Dashboard Author search Sources

## Sources

ISSN  Find sources

ISSN: 10504648 x 02546299 x

**Improved CiteScore**

We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (i.e. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available.

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Filter refine list

Apply Clear filters

Display options

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

2 results

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82.0%

**Fish & Shellfish Immunology**  
Volume 86, March 2019, Pages 965-973

Full length article

# Comparative immunostimulatory effect of probiotics and prebiotics in *Channa punctatus* against *Aphanomyces invadans*

Gunapathy Devi <sup>a</sup>, Ramasamy Harikrishnan <sup>b</sup>, Bilal Ahmad Paray <sup>c</sup>, Mohammad K. Al-Sadoon <sup>c</sup>, Seyed Hossein Hoseinifar <sup>d</sup>, Chellam Balasundaram <sup>e</sup>

<sup>a</sup> Department of Zoology, Nehru Memorial College, Puthanampatti, 621 007, Tamil Nadu, India

<sup>b</sup> Department of Zoology, Pachaiyappa's College for Men, Kanchipuram 631 501, Tamil Nadu, India

<sup>c</sup> Zoology Department, College of Science, King Saud University, PO Box 2455, Riyadh 11451, Saudi Arabia

<sup>d</sup> Department of Fisheries, Faculty of Fisheries and Environmental Sciences, Gorgan

Siva T., Neelanarayanan P., and Rao V.V. 2019.

Food composition of Indian Eagle Owl *Bubo bengalensis* Franklin (Aves: Strigiformes: Strigidae) from Tiruchirappalli District, Tamil Nadu, India.

*Journal of Threatened Taxa*. 11: 13545-13551

DOI: <https://doi.org/10.11609/jott.4416.11.5.13545-13551>

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for Dashboard, Author search, and Sources. The main heading is 'Sources'. Below it, there is a search bar with the text 'Enter ISSN or ISSNs' and a 'Find sources' button. The search results show one result for the 'Journal of Threatened Taxa'. The result is displayed in a table with columns for Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The table shows one result with a CiteScore of 0.8, a Highest percentile of 31% (121/177), 591 Citations, 772 Documents, and 39% Cited. There are also filter and display options on the left side of the interface.

The cover page of the article is for the Journal of Threatened Taxa, Volume 11(5), March 2019, pages 13545-13551. The title of the article is 'FOOD COMPOSITION OF INDIAN EAGLE OWL *BUBO BENGALENSIS* FRANKLIN (AVES: STRIGIFORMES: STRIGIDAE) FROM TIRUCHIRAPPALLI DISTRICT, TAMIL NADU, INDIA'. The authors are Tamilselvan Siva<sup>1</sup>, Periyasamy Neelanarayanan<sup>2</sup>, and Vaidyula Vasudeva Rao<sup>3</sup>. The article is published in the March 2019 issue. The cover also features a logo for the journal, a 'COMMUNICATION' label, and a 'PLATINUM OPEN ACCESS' badge. The abstract and keywords are provided at the bottom of the page.

**Abstract:** The diet of the Indian Eagle Owl was studied from April to September 2017 in Tiruchirappalli District, Tamil Nadu, India. Analysis of 1082 regurgitated pellets yielded 2077 prey items; the mean prey items/ pellet was 1.91. The diet constituted 65.1% of rodent prey and the remaining 34.83% of other groups of both vertebrate and invertebrate animals. The mean percentage of prey composition was 31.15% *Millardia melitoda* Soft-furred Field Rat, 12.95% *Bandicota bengalensis* Lesser Bandicoot Rat, 10.25% *Mus booduga* Indian Field Mouse, and 10.24% of other rodent species. Of the 34.83% of non-rodent prey, the owls ingested insects (Rhinoceros beetles, 9.58%), Arachnida (Solifugae or Sun spider, Galeodes sp., 9.58%), reptiles (*Colotes* sp., 3.7%), amphibians (3.56%), shrews (*Suncus murinus*, 2.84%) and others (5.57%). The Indian Eagle Owls consumed more than one prey per day and chiefly foraged in agricultural crop fields and consumed both small mammals and insects of agricultural importance under crop ecosystems.

**Keywords:** Amphibians, arachnid, *Bandicota bengalensis*, insects, *Millardia melitoda*, pellet analysis, prey composition, reptiles, rodents, shrew.

# In silico studies on colon cancer against hexadecane, hexadecanoic acid methyl ester and quinoline, 1,2-dihydro-2,2,4-trimethyl compounds from brown seaweed

DOI:10.26452/ijrps.v11i2.2110

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Article

## In Silico Studies On Colon Cancer Against Hexadecane, Hexadecanoic Acid Methyl Ester And Quinoline, 1,2-Dihydro-2,2,4-Trimethyl Compounds From Brown Seaweed

April 2020 · *International Journal of Research in Pharmaceutical Sciences* 11(2):1927-1935  
DOI:10.26452/ijrps.v11i2.2110

Authors:

 Swarna Bharathi D  Boopathy Raja A

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### Sources

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Title: Journal Of International Pharmaceutical Research x

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 Counts for 4-year timeframe   
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1 result [Download Scopus Source List](#) [Learn more about Scopus Source List](#)

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 Journal of International Pharmaceutical Research	0.1	7% 154/166 Pharmaceutical Science	22	348	5

# In vitro antioxidant efficacy of Biophytum sensitivum extracts

ISSN 0972-5075

Biochem. Cell. Arch. Vol. 19, No. 1, pp. 23-29, 2019

www.connectjournals.com/bca

ISSN 0972-5075

## IN VITRO ANTIOXIDANT EFFICACY OF BIOPHYTUM SENSITIVUM EXTRACTS

M. P. Santhi<sup>1</sup>, G. Bupesh<sup>2,1\*</sup>, S. Vasanth<sup>2</sup>, P. Ramasamy<sup>2</sup>, W. M. S. Johnson<sup>3</sup> and V. Balachandar<sup>4</sup>

<sup>1</sup>Department of Zoology, Nehru Memorial College, Puthanampatti, India.

<sup>2</sup>R&D Wing, Central Research Laboratory, Sree Balaji Medical College and Hospital, Bharath Institute of Higher Education & Research - BIHER, Chrompet, Chennai - 600 044, India.

<sup>3</sup>Department of Anatomy, Sree Balaji Medical College and Hospital (SBMCH), Bharath Institute of Higher Education & Research -BIHER, Chrompet, Chennai - 600 044, India.

<sup>4</sup>Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore - 641 046, India.

\*e-mail : bupeshgiri55@gmail.com

(Accepted 21 January 2019)

## Scopus



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Author search Sources



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Title  Enter title

Find sources

Title: Biochemical And Cellular Archives x

### Filter refine list

Apply Clear filters

### Display options

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Counts for 4-year timeframe

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1 result

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View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Biochemical and Cellular Archives Open Access	0.2	2% 404/415 Biochemistry	401	1,912	9

# Synthesis of coumarin derivatives and its Ru(II) complexes encompassing pyrazole ring as a potent antidiabetic agents – A biochemical perspective

doi.org/10.1016/j.ica.2019.04.029

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Outline  
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Abstract  
Graphical abstract  
Keywords  
1. Introduction  
2. Experimental methods  
3. Results and discussion  
4. Biological studies  
5. Conclusion  
Acknowledgements  
Appendix A. Supplementary data  
Research Data  
References  
Show full outline

 **Inorganica Chimica Acta**  
Volume 492, 24 June 2019, Pages 48-59

Research paper

## Synthesis of coumarin derivatives and its Ru(II) complexes encompassing pyrazole ring as a potent antidiabetic agents – A biochemical perspective

M. Umadevi<sup>a</sup>, V. Muthuraj<sup>b</sup>, R. Vanajothi<sup>c</sup>

<sup>a</sup> PG & Research Department of Chemistry, Nehru Memorial College, Puthanampatti, Tiruchirappalli, Tamilnadu 621 007, India  
<sup>b</sup> PG & Research Department of Chemistry, V.H.N.S.N. College, Virudhunagar, Tamilnadu 626 001, India  
<sup>c</sup> Department of Biomedical Science, Bh Rathidasan University, Tiruchirappalli, Tamilnadu, India

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<input type="checkbox"/> 1 Inorganica Chimica Acta	4.2	71% 83/292 Materials Chemistry	10,820	2,566	78

# Cytotoxic, larvicidal, nematocidal, and antifeedant activities of piperidin-connected 2-thioxoimidazolidin-4-one derivatives

doi.org/10.1016/j.sjbs.2017.12.007



Saudi Journal of Biological Sciences

Volume 26, Issue 4, May 2019, Pages 673-680



Original article

## Cytotoxic, larvicidal, nematocidal, and antifeedant activities of piperidin-connected 2-thioxoimidazolidin-4-one derivatives

Ibrahim A. Arif<sup>a</sup>, Anis Ahamed<sup>a</sup>, Radhakrishnan Surendra Kumar<sup>b</sup>, Akbar Idhayadhulla<sup>b</sup>  , Aseer Manilal<sup>c</sup>

- <sup>a</sup> Prince Sultan Research Chair for Environment and Wildlife, Department of Botany & Microbiology, College of Sciences, King Saud University (KSU), Riyadh, Saudi Arabia
- <sup>b</sup> Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti 621007, Tiruchirappalli District, Tamil Nadu, India
- <sup>c</sup> Department of Medical Laboratory Sciences, College of Medicine and Health Sciences, ArbaMinch University, Arba Minch, Ethiopia

Received 11 October 2017, Revised 13 December 2017, Accepted 19 December 2017, Available online 24 December 2017.

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<input type="checkbox"/> 1 Saudi Journal of Biological Sciences <i>Open Access</i>	5.3	90% 20/209 General Agricultural and Biological Sciences	6,941	1,317	70

# Paddle wheel manganese carboxylate metal organic frame work as a host for hydrophilic molecules

doi.org/10.1016/j.molstruc.2018.09.003



Journal of Molecular Structure

Volume 1176, 15 January 2019, Pages 591-604



## Paddle wheel manganese carboxylate metal organic frame work as a host for hydrophilic molecules

A. Elangovan <sup>a</sup>, M. Umadevi <sup>b</sup>, V. Muthuraj <sup>c</sup>

<sup>a</sup> PG & Research Department of Chemistry, Thiragarajar College, Madurai, Tamilnadu, 626 001, India

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<sup>c</sup> PG & Research Department of Chemistry, V.H.N.S.N.College, Virudhunagar, Tamilnadu, 626 001, India

Received 18 July 2018, Revised 3 September 2018, Accepted 4 September 2018, Available online 7 September 2018.

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Journal Of Molecular Structure' and a 'Find sources' button. Below the search bar, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right of the search bar, there are links for 'Author search', 'Sources', 'Create account', and 'Sign in'. Below the search bar, there is a 'Sources' section with a '1 result' indicator. The result is a table with columns: Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The result is 'Journal of Molecular Structure' with a CiteScore of 4.6, a Highest percentile of 70% (21/69), Citations of 27,235, Documents of 5,905, and % Cited of 77. The table also includes a 'View metrics for year: 2020' dropdown menu.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

# Inhibition study of Erioglaucine disodium salt on carbon steel in hydrochloric acid medium using weight loss, electrochemical and thermodynamic properties

[doi.org/10.1016/j.ejpe.2017.07.008](https://doi.org/10.1016/j.ejpe.2017.07.008)



Egyptian Journal of Petroleum  
Volume 27, Issue 4, December 2018, Pages 445-454



Full Length Article

## Inhibition study of Erioglaucine disodium salt on carbon steel in hydrochloric acid medium using weight loss, electrochemical and thermodynamic properties

Karumalaiyan Palanisamy <sup>a</sup>, Perumal Kannan <sup>b</sup>, Alagan Sekar <sup>c</sup>

<sup>a</sup> Department of Chemistry, Srinivasan College of Arts and Science, Perambalur 621 212, Tamil Nadu, India  
<sup>b</sup> Department of Chemistry, Anna University, Chennai 600 025, Tamil Nadu, India  
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Received 3 April 2017, Revised 21 June 2017, Accepted 13 July 2017, Available online 27 July 2017.

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Egyptian Journal of Petroleum <i>Open Access</i>	9.3	95% 6/128 Geochemistry and Petrology	2,961	320	87

# Evaluation of chromotrope FB dye as corrosion inhibitor using electrochemical and theoretical studies for acid cleaning process of petroleum pipeline

[doi.org/10.1016/j.surfin.2018.05.005](https://doi.org/10.1016/j.surfin.2018.05.005)



Surfaces and Interfaces  
Volume 12, September 2018, Pages 50-60



## Evaluation of chromotrope FB dye as corrosion inhibitor using electrochemical and theoretical studies for acid cleaning process of petroleum pipeline

Karumalaiyan Palanisamy <sup>a</sup>, Perumal Kannan <sup>a</sup>, Alagan Sekar <sup>b</sup>

<sup>a</sup> Department of Chemistry, Srinivasan College of Arts and Science, Perambalur 621 212, Tamil Nadu, India

<sup>b</sup> Department of Chemistry, Nehru Memorial College, Puthanampatti, Trichy 621 007, Tamil Nadu, India

Received 25 January 2018, Revised 2 May 2018, Accepted 3 May 2018, Available online 3 May 2018.

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Surfaces and Interfaces	4.8	78% 51/233 General Physics and Astronomy	3,417	705	66

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*\*\* N.Thilagavathi Research Scholar, Department of Economics, Nehru Memorial College, Putthanampatti (Affiliated to Bharathidasan University), Trichy Dist.*

*\* Dr.T.Porselvi Assistant Professor in Economics, Nehru Memorial College, Putthanampatti (Affiliated to Bharathidasan University), Trichy Dist.*

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Title: Journal Of Information And Computational Science x

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1 Journal of Information and Computational Science	N/A	N/A	N/A	N/A	N/A

# Phytochemical Analysis and Antimicrobial Activity of *Bersamaabyssinica*Fresen against Multidrug-Resistant Bacterial Uropathogens: PicolinylHydrazide Is a Major Compound

doi.org/10.1080/10496475.2019.1635940

JOURNAL OF HERBS, SPICES & MEDICINAL PLANTS  
<https://doi.org/10.1080/10496475.2019.1635940>



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## Phytochemical Analysis and Antimicrobial Activity of *Bersama abyssinica* Fresen against Multidrug-Resistant Bacterial Uropathogens: Picolinyl Hydrazide Is a Major Compound

Gemechu Ameya <sup>a</sup>, Aseer Manilal<sup>a</sup>, and Akbar Idhayadhulla<sup>b</sup>

<sup>a</sup>Department of Medical Laboratory Science, College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia; <sup>b</sup>Department of Chemistry, Nehru Memorial College, Trichirapalli, India

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Journal of Herbs, Spices and Medicinal Plants" entered. Below the search bar, a notification box states "Improved Citescore" with a link to "View Citescore methodology". To the left, there is a "Filter refine list" section with options for "Display options" and "Counts for 4-year timeframe". The main results section shows "1 result" for the journal "Journal of Herbs, Spices and Medicinal Plants" with a CiteScore of 1.5, a highest percentile of 48%, 4586 citations, 133 documents, and 62% cited. The table below summarizes the search results:

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 Journal of Herbs, Spices and Medicinal Plants	1.5	48%	4586	133	62

# Effective synthesis of some novel pyrazolidine-3,5-dione derivatives via Mg(II) catalyzed in water medium and their anticancer and antimicrobial activities

doi.org/10.3390/polym13071046

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> Mol Divers. 2019 Feb;23(1):35-53. doi: 10.1007/s11030-018-9850-3. Epub 2018 Jul 5.

## Effective synthesis of some novel pyrazolidine-3,5-dione derivatives via Mg(II) catalyzed in water medium and their anticancer and antimicrobial activities

Meera Moydeen <sup>1</sup>, Radhakrishnan Surendra Kumar <sup>2</sup>, Akbar Idhayadhulla <sup>3</sup>, Aseer Manilal <sup>4</sup>

Affiliations — collapse

### Affiliations

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- 4 Department of Medical Laboratory Science, College of Medicine and Health Sciences, Arba Minch University, Arba Minch, Ethiopia.

PMID: 29974311 DOI: 10.1007/s11030-018-9850-3

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Molecular Diversity	3.5	60%	1,131	323	78

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# Synthesis of novel benzopyran-connected pyrimidine and pyrazole derivatives *via* a green method using Cu(II)-tyrosinase enzyme catalyst as potential larvicidal, antifeedant activities

doi.org/10.1039/C9RA04496E

Issue 44, 2019, Issue in Progress Previous Article Next Article

 From the journal:  
**RSC Advances**

---

## Synthesis of novel benzopyran-connected pyrimidine and pyrazole derivatives *via* a green method using Cu(II)-tyrosinase enzyme catalyst as potential larvicidal, antifeedant activities Check for updates

[Ashraf Abdel-Fattah Mostafa](#)<sup>a,c</sup>, [Chidambaram SathishKumar](#)<sup>b</sup>, [Abdulaziz Abdulrahman Al-Askar](#)<sup>d</sup>, [Shaban R. M. Sayed](#)<sup>d</sup>,  
[Radhakrishnan SurendraKumar](#)<sup>b</sup> and [Akbar Idhayadhulla](#)<sup>b,d</sup> 

**Author affiliations**

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**E-mail:** [a.idhayadhulla@gmail.com](mailto:a.idhayadhulla@gmail.com), [idhayadhulla@nmc.ac.in](mailto:idhayadhulla@nmc.ac.in)
- <sup>c</sup> National Institute of Oceanography and Fisheries, Al-Kanater Fish Research Station, Egypt
- <sup>d</sup> Electron Microscope Unit, Central Lab., College of Science, King Saud University, Kingdom of Saudi Arabia

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<input type="checkbox"/>	RSC Advances (Open Access)	5.9	82%	120,564	20,532	78

49/279 General Chemical Engineering

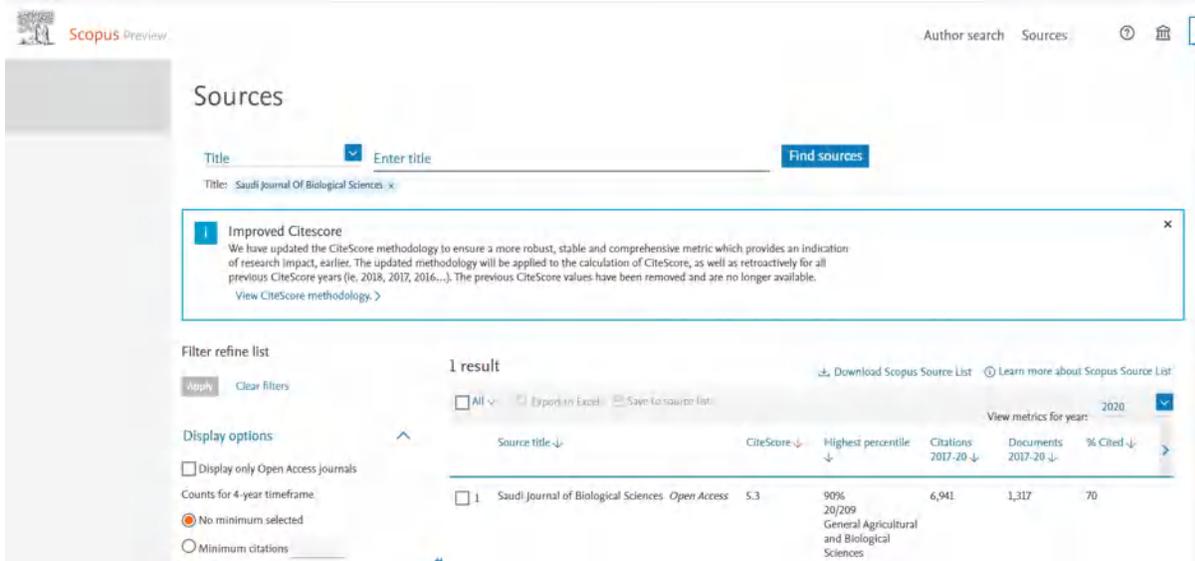
# Antimicrobial, anticoagulant, and cytotoxic evaluation of multidrug resistance of new 1,4-dihydropyridine derivatives

doi.org/10.3390/polym13071046



The screenshot shows the ScienceDirect article page for the paper "Antimicrobial, anticoagulant, and cytotoxic evaluation of multidrug resistance of new 1,4-dihydropyridine derivatives". The article is published in the Saudi Journal of Biological Sciences, Volume 25, Issue 6, September 2018, Pages 1227-1235. The authors are Anis Ahmed, Ibrahim A. Anif, Mohammed Mateen, Radhakrishnan Surendra Kumar, and Akbar Idhayadhulla. The page includes an outline, abstract, keywords, and a list of references. There are also options to view the PDF and download the full issue.

## Scopus

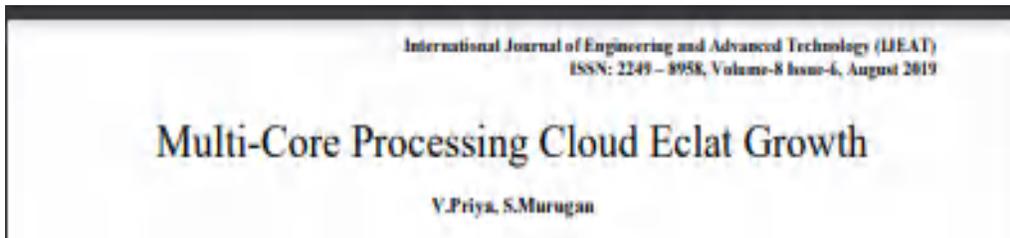


The screenshot shows the Scopus Sources page. The search results show one source: Saudi Journal of Biological Sciences. The source has a CiteScore of 5.3, a highest percentile of 90%, 6,941 citations from 2017-20, 1,317 documents from 2017-20, and 70% cited. The page also includes a filter refine list and display options.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Saudi Journal of Biological Sciences <i>Open Access</i>	5.3	90% 20/209 General Agricultural and Biological Sciences	6,941	1,317	70

# Performance Comparison Of The Cloud Optimized Eclat Growth And Multi-Core Processing Cloud Eclat Growth

ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019



## Scopus

The screenshot shows the Scopus Source details page for the International Journal of Engineering and Advanced Technology. The page includes the Scopus logo, navigation links for "Author search", "Sources", "Create account", and "Sign in". The main content area displays the source name, Scopus coverage years (2018-2019), publisher (Blue Eyes Intelligence Engineering and Sciences Publication), E-ISSN (2249-8958), and subject areas (Engineering: General Engineering, Environmental Science: Environmental Engineering, Computer Science: Computer Science Applications). The source type is listed as "Journal". On the right side, there are three metrics: CiteScore 2018 (0.0), SJR 2019 (0.104), and SNIP 2020 (0.398). At the bottom, there are links for "View all documents", "Set document alert", "Save to source list", and "Source Homepage".

Metric	Value
CiteScore 2018	0.0
SJR 2019	0.104
SNIP 2020	0.398

# Enhanced crop yield prediction using Monte Carlo method and binary cuckoo search

DOI: [10.26637/MJM0804/0074](https://doi.org/10.26637/MJM0804/0074)



Enhanced crop yield prediction using Monte Carlo method and binary cuckoo search

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**Authors :**  
Chellammal Surianarayanan <sup>1\*</sup>, Kodimalar Palanivel <sup>2</sup> and K. Mani <sup>3</sup>

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<sup>1,2</sup> Department of Computer Science Bharathidasan University Constituent Arts & Science College, Tiruchirappalli-621303, Tamil Nadu, India.  
Affiliated to Bharathidasan University Tiruchirappalli, Tamil Nadu, India.  
<sup>3</sup> Department of Computer Science, Nehru Memorial College, Puthanampatti-621007, Tiruchirappalli, Tamil Nadu, India.  
\*Corresponding author.

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20-05-2021

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# On sequences of Diophantine 3-tuples generated through Bernoulli polynomials

Vol. 27, No.1,(2019), pp.61-68

International Journal of Advanced Science and Technology

Vol. 27, No. 1, (2019), pp. 61-68

## On Sequences of Diophantine 3-tuples generated through Bernoulli Polynomials

<sup>1</sup>N.Thiruniraiselvi, M.A. Gopalan<sup>2</sup>, Sharadha Kumar<sup>3</sup>

<sup>1</sup>Assistant Professor, Department of Mathematics, Nehru Memorial College, Puthanampatti, Trichy-621007, Tamil Nadu, India. email: drntsmaths@gmail.com

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International Journal of Advanced Science and Technology
Volume 27, Issue 1, 5 September 2019, Pages 61-68

**On sequences of diophantine 3-tuples generated through bernoulli polynomials(Article)**

Thiruniraiselvi, N., Gopalan, M.A., Kumar, S.

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<sup>a</sup>Department of Mathematics, Nehru Memorial College, Trichy, Puthanampatti, Tamil Nadu 621007, India  
<sup>b</sup>Department of Mathematics, Shrimati Indira Gandhi College, Trichy, Tamil Nadu 620 002, India

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# Twain positive and negative domination in bipolar fuzzy graphs

ASIA LIFE SCIENCES Supplement 14, Number 1: 43-50, 2017  
The Asian International Journal of Life Sciences

## Twain positive and negative domination in bipolar fuzzy graphs

S. SIVAMANI<sup>1,\*</sup> and V. MOHANASELVI<sup>2</sup>

<sup>1</sup>Department of Mathematics, Saranathan College of Engineering, Trichy, India

<sup>2</sup>PG & Research Department of Mathematics, Nehru Memorial College (Autonomous), Trichy, India  
e-mail: vmohanaselvi@gmail.com

\*Corresponding author; e-mail - winmayi2012@gmail.com

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<sup>1</sup>Department of Mathematics, Saranathan College of Engineering, Trichy, India  
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# Thermodynamic and FT-IR study on molecular interactions between ethyl lactate with alkyl amines at different temperatures

[doi.org/10.1080/00319104.2018.1432047](https://doi.org/10.1080/00319104.2018.1432047)

The image shows the Taylor & Francis Online journal page for 'Physics and Chemistry of Liquids'. The page features a blue header with the journal title and navigation links. Below the header, there is a search bar and a 'Submit an article' button. The main content area displays the article title 'Thermodynamic and FT-IR study on molecular interactions between ethyl lactate with alkyl amines at different temperatures' by A. Shakila, S. Ravikumar, M. Raveendra, K. Sivakumar, R. Raju & V. Pandiyan. The article has 64 views, 3 CrossRef citations, and 0 Altmetric mentions. The DOI link is provided as <https://doi.org/10.1080/00319104.2018.1432047>.

## Scopus

The image shows the Scopus Sources search results for 'Physics and Chemistry of Liquids'. The search results table is as follows:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Physics and Chemistry of Liquids	3.3	63% 107/292 Materials Chemistry	860	259	69

Additional information: 1 result found. Filter refine list: Apply, Clear filters. Display options: Display only Open Access Journals. Counts for 4-year timeframe: No minimum selected.

# Antioxidant (in vitro), Antidiabetic (in vitro) and Photocatalytic Activity of *Costus speciosus* Leaf Extract Assisted CS-Ag-TiO<sub>2</sub> Composites

DOI10.1007/s13530-019-0404-6

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## Antioxidant (*in vitro*), Antidiabetic (*in vitro*) and Photocatalytic Activity of *Costus speciosus* Leaf Extract Assisted CS-Ag-TiO<sub>2</sub> Composites

Chinnasamy Surya, Nayagam Agnel Arul John, Venkatesan Pandiyan, Parasuraman Amutha, Abilio José Fraga Do Nascimento Sobral, ... [ more ]

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Source  
Toxicology and Environmental Health Sciences > 2019 > 11 > 3 > 197-209



	<b>Chinnasamy Surya</b> Srimad Andavan Arts and Science College, Department of Biochemistry, Tiruchirappalli, India
	✉ <b>Nayagam Agnel Arul John</b> Srimad Andavan Arts and Science College, Department of Biochemistry, Tiruchirappalli, India
	<b>Venkatesan Pandiyan</b> Nehru Memorial College (Autonomous), Department of Physics, Puthanampatti, India
	<b>Parasuraman Amutha</b> PSGR Krishnammal College for Women, Department of Chemistry, Coimbatore, India
	<b>Abilio José Fraga Do Nascimento Sobral</b> University of Coimbra, Department of Chemistry, Coimbra, Portugal
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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Toxicology and Environmental Health Sciences	1.6	24% 102/134 Health, Toxicology and Mutagenesis	250	161	57

# Role of chain length in molecular interactions between monoethanolamine and 2-alkoxyalkanols at various temperatures.

[doi.org/10.1016/j.cdc.2019.100202](https://doi.org/10.1016/j.cdc.2019.100202)



## Chemical Data Collections

Volume 20, April 2019, 100202



Data Article

# Role of chain length in molecular interactions between monoethanolamine and 2-alkoxyalkanols at various temperatures

R. Rajalakshmi <sup>a</sup>, S. Ravikumar <sup>a</sup>, K. Sivakumar <sup>b</sup>, M. Raveendra <sup>c</sup>, V. Pandiyan <sup>a</sup>

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Received 22 August 2018, Revised 14 February 2019, Accepted 15 February 2019, Available online 18

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Title: Chemical Data Collections x

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1	Chemical Data Collections	1.8	43% 226/398 General Chemistry	965	532	53

# Influence of temperature on thermo physical properties of binary mixtures of ethyl acrylate and alkyl amines: An experimental and theoretical approach

[doi.org/](https://doi.org/)

10.1016/j.molliq.2018.05.130



Journal of Molecular Liquids  
Volume 265, 1 September 2018, Pages 544-555



## Influence of temperature on thermo physical properties of binary mixtures of ethyl acrylate and alkyl amines: An experimental and theoretical approach

A. Shakila <sup>a</sup>, S. Ravikumar <sup>a</sup>, V. Pandiyan <sup>a</sup>, Rekha Gaba <sup>b</sup>

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Received 11 April 2018, Revised 28 May 2018, Accepted 29 May 2018, Available online 15 June 2018.

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Title  Enter title

Title: Journal Of Molecular Liquids x

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Journal of Molecular Liquids <i>Open Access</i>	8.4	92% 31/411 Condensed Matter Physics	63,424	7,576	81

# Gelatin-assisted g-TiO<sub>2</sub>/BiOI heterostructure nanocomposites for azo dye degradation under visible light

[doi.org/10.1016/j.jece.2018.06.035](https://doi.org/10.1016/j.jece.2018.06.035)



Journal of Environmental Chemical Engineering

Volume 6, Issue 4, August 2018, Pages 4282-4288



## Gelatin-assisted g-TiO<sub>2</sub>/BiOI heterostructure nanocomposites for azo dye degradation under visible light

Balu Krishnakumar <sup>a</sup>, R. Hariharan <sup>b</sup>, V. Pandiyan <sup>c</sup>, António Aguiar <sup>a</sup>, Abilio J.F.N. Sobral <sup>a</sup>

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Received 3 May 2018, Revised 8 June 2018, Accepted 14 June 2018, Available online 15 June 2018.

### Scopus



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Title: Journal Of Environmental Chemical Engineering x

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View metrics for year: 2020

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<input type="checkbox"/> 1	Journal of Environmental Chemical Engineering	7.5	87% 17/132 Pollution	23,550	3,123	81

# Solar and visible active amino porphyrin/SiO<sub>2</sub>@ZnO for the degradation of naphthol blue black

[doi.org/10.1080/19443994.2013.792131](https://doi.org/10.1080/19443994.2013.792131)

The image shows a screenshot of the Taylor & Francis Online journal page for 'Desalination and Water Treatment'. The page features a blue header with the journal title and navigation links. Below the header, there is a search bar and a 'journal homepage' button. The main content area displays the article title 'Solar photocatalytic degradation of Naphthol Blue Black' by B. Krishnakumar & M. Swaminathan. On the left side, there are statistics: 82 Views, 12 CrossRef citations to date, and 0 Altmetric. The article is from Volume 51, Issue 34-36, published online on 24 May 2013. A DOI link is provided at the bottom: <https://doi.org/10.1080/19443994.2013.792131>.

## Scopus

The image shows a screenshot of the Scopus Sources search results page. The search was performed for the journal 'Desalination and Water Treatment'. The results table shows one result with the following metrics:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Desalination and Water Treatment	1.6	44% 54/96 Ocean Engineering	9,460	5,958	50

Additional information visible on the page includes 'Filter refine list' with 'Apply' and 'Clear filters' buttons, 'Display options' with a checkbox for 'Display only Open Access journals', and 'Counts for 4-year timeframe' with a radio button for 'No minimum selected'. The page also includes navigation links for 'Author search', 'Sources', 'Create account', and 'Sign in'.

GREY-HEADED LAPWING Sighting of *Vanellus cinereus* in Koothappar Big Tank in Tiruchirappalli District, Tamil Nadu

# ZOO'S PRINT

Communicating science for conservation

Vol. XXXIV, No. 2, February 2019

ISSN 0971-6378 (Print); 0973-2543 (Online)

**T. Siva<sup>1</sup> & P. Neelananarayanan<sup>2</sup>**

<sup>1,2</sup> Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli District, Tamil Nadu 621007, India. Email: <sup>1</sup>sivanaturewild@gmail.com (Corresponding author), <sup>2</sup>dr.pnn31@gmail.com

Citation: Siva, T. & P. Neelananarayanan (2019). Grey-headed Lapwing: Sighting of *Vanellus cinereus* in Koothappar Big Tank in Tiruchirappalli District, Tamil Nadu. Bird-o-soar #25. In: *Zoo's Print* 34(2): 15-17

The screenshot shows the Scopus Preview interface. At the top, there is a search bar with the text 'Zoo's Print Journal' and a 'Find sources' button. Below the search bar, there are options to 'Download Scopus Source List' and 'Learn more about Scopus Source List'. The main content area displays '1 result' for the search. The result is a table with the following columns: Source title, CiteScore, Highest percentile, Citations, Documents, and % Cited. The single result is 'Zoo's Print Journal' with all metrics listed as 'N/A'. On the left side, there are 'Filter refine list' and 'Display options' sections. The 'Filter refine list' section includes 'Apply' and 'Clear filters' buttons. The 'Display options' section includes checkboxes for 'Display only Open Access journals', 'Counts for 4-year timeframe', 'No minimum selected', 'Minimum citations', and 'Minimum documents'.

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
Zoo's Print Journal	N/A	N/A	N/A	N/A	N/A

Checklist of Butterflies of Nehru Memorial College and Puthanampatti village,  
Tiruchirappalli District, Tamil Nadu

ISSN 2230-7052



**T. Siva<sup>1</sup> & P. Neelananarayanan<sup>2</sup>**

<sup>1&2</sup> Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli District, Tamil Nadu 621007, India. Email: <sup>1</sup>sivanaturewild@gmail.com (Corresponding author), <sup>2</sup>dr.pnn31@gmail.com

Citation: Siva, T. & P. Neelananarayanan (2019). Grey-headed Lapwing: Sighting of *Vanellus cinereus* in Koothappar Big Tank in Tiruchirappalli District, Tamil Nadu. Bird-o-soar #25. In: *Zoo's Print* 34(2): 15-17

## Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Zoo's Print Journal" and a "Find sources" button. Below the search bar, there is a "Filter refine list" section with options like "Apply", "Clear filters", and "Display options". The "Display options" section includes checkboxes for "Display only Open Access journals" and "Counts for 4-year timeframe". The search results section shows "1 result" and a table with the following columns: "Source title", "CiteScore", "Highest percentile", "Citations", "Documents", and "% Cited". The table contains one row with the following data: "1 Zoo's Print Journal", "N/A", "N/A", "N/A", "N/A", and "N/A".

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 Zoo's Print Journal	N/A	N/A	N/A	N/A	N/A

2019-2020

## Realisation of parallel logic elements and memory latch in a quasiperiodically-driven simple nonlinear circuit

<https://doi.org/10.1007/s12043-020-1939-4>



Published: 21 May 2020

### Realisation of parallel logic elements and memory latch in a quasiperiodically-driven simple nonlinear circuit

M Sathish Aravindh, R Gopal, A Venkatesan  & M Lakshmanan

*Pramana* **94**, Article number: 78 (2020) | [Cite this article](#)

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**Department of Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli, 620 024, India**

M Sathish Aravindh & M Lakshmanan

##### Corresponding author

Correspondence to [A Venkatesan](#).

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#### Pramana - Journal of Physics

Scopus coverage years: from 1973 to Present

Publisher: Springer Nature

ISSN: 0304-4289 E-ISSN: 0973-7111

Subject area: [Physics and Astronomy: General Physics and Astronomy](#)

Source type: Journal

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CiteScore 2020  
3.4

SJR 2020  
0.513

SNIP 2020  
0.901

# Thermoluminescence characteristics studies of phosphor material with anti-bacterial activity

DOI: <http://dx.doi.org/10.31838/jcr.07.01.106>



**Journal of Critical Reviews**

ISSN- 2394-5125

Vol 7, Issue 1, 2020

**Review Article**

## THERMOLUMINESCENCE CHARACTERISTICS STUDIES OF PHOSPHOR MATERIAL WITH ANTI-BACTERIAL ACTIVITY

P. Rubalajyothi<sup>1</sup>, A.Rajendran<sup>1\*</sup>

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Received: 10.11.2019

Revised: 16.12.2019

Accepted: 17.01.2020

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### Source details

**Journal of Critical Reviews**  
Scopus coverage years: from 2019 to 2020  
(coverage discontinued in Scopus)  
Publisher: Innovare Academics Sciences Pvt. Ltd  
E-ISSN: 2394-5125

Subject area: [Pharmacology, Toxicology and Pharmaceutics: General Pharmacology, Toxicology and Pharmaceutics](#)  
[Biochemistry, Genetics and Molecular Biology: General Biochemistry, Genetics and Molecular Biology](#)

Source type: Journal

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CiteScore 2019	0.6
SNIP 2020	2.167

# High electrochemical performance of nano TiO<sub>2</sub> ceramic filter incorporated PVC –PEMA composite gelpolymer electrolyte for Li-ion battery applications

IOP Publishing

Mater. Res. Express 6 (2019) 105524

<https://doi.org/10.1088/2053-1591/ab3cb8>

## Materials Research Express



PAPER

### High electrochemical performance of nano TiO<sub>2</sub> ceramic filler incorporated PVC-PEMA composite gel polymer electrolyte for Li-ion battery applications

RECEIVED  
24 May 2019

REVISED  
10 August 2019

ACCEPTED FOR PUBLICATION  
19 August 2019

PUBLISHED  
30 August 2019

A Jagadeesan<sup>1,2</sup>, M Sasikumar<sup>2,3</sup>, R Hari Krishna<sup>4</sup>, N Raja<sup>3</sup>, D Gopalakrishna<sup>3</sup>, S Vijayashree<sup>1</sup> and P Sivakumar<sup>2</sup>

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E-mail: [psivakumarevrc@gmail.com](mailto:psivakumarevrc@gmail.com)

Keywords: PVC, PEMA, composite polymer electrolytes, ionic conductivity, thermal stability, electrochemical stability

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<input type="checkbox"/> 1	Materials Research Express <i>Open Access</i>	2.5	65% 53/153 Metals and Alloys	25,162	10,000	67



# Fabrication of BaTiO<sub>3</sub> ceramic filler incorporated PVC-PEMA based blend nanocomposite gel polymer electrolytes for Li ion battery applications

A. Jagadeesan<sup>1,5</sup> · M. Sasikumar<sup>2,5</sup> · R. Jeevani<sup>3</sup> · H. A. Therese<sup>4</sup> · N. Ananth<sup>2</sup> · P. Sivakumar<sup>5</sup>

Received: 27 March 2019 / Accepted: 16 August 2019 / Published online: 29 August 2019  
© Springer Science+Business Media, LLC, part of Springer Nature 2019

DOI:10.1007/s10854-019-02065-7

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Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Journal of Materials Science: Materials in Electronics" and a "Find sources" button. Below the search bar, there is a "Sources" section with a table of results. The table has columns for "Source title", "CiteScore", "Highest percentile", "Citations 2017-20", "Documents 2017-20", and "% Cited". The first result is "Journal of Materials Science: Materials in Electronics" with a CiteScore of 4.0, a highest percentile of 68%, 36,024 citations, 8,903 documents, and 74% cited. The interface also includes a "Filter refine list" section on the left with options for "Display options" and "Counts for 4-year timeframe".

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Journal of Materials Science: Materials in Electronics	4.0	68% 222/693 Electrical and Electronic Engineering	36,024	8,903	74

# Control of Multistability in a Self-Excited Memristive Hyperchaotic Oscillator

doi.org/10.1142/S0218127419501190



International Journal of Bifurcation and Chaos, Vol. 29, No. 9 (2019) 1950119 (13 pages)  
© World Scientific Publishing Company  
DOI: [10.1142/S0218127419501190](https://doi.org/10.1142/S0218127419501190)

## Control of Multistability in a Self-Excited Memristive Hyperchaotic Oscillator

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Received September 7, 2018; Revised January 12, 2019

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Title  Enter title

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<input type="checkbox"/> 1	International Journal of Bifurcation and Chaos in Applied Sciences and Engineering	4.2	88% 13/110	4,457	1,060	65

# Multistability Control of Space Magnetization in Hyperjerk Oscillator: A Case Study

[doi.org/10.1115/1.4046639](https://doi.org/10.1115/1.4046639)

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## Multistability Control of Space Magnetization in Hyperjerk Oscillator: A Case Study

In this paper, multistability control of a 5D autonomous hyperjerk oscillator through linear augmentation scheme is investigated. The space magnetization is characterized by the coexistence of five different stable states including an asymmetric pair of chaotic attractors, an asymmetric pair of period-3 cycle, and a symmetric chaotic attractor for a specified set of parameters. The linear augmentation method is applied here to control, for the first time, five coexisting attractors. Standard Lyapunov exponents, bifurcation diagrams, basins of attraction, and 3D phase portraits are presented as methods to conduct the effectiveness of the control scheme. The results of the applied methods reveal that the undesirable chaotic attractor is obtained through these important crises when varying the coupling strength. In particular, below the first critical value of the coupling strength, five distinct attractors are coexisting. Above that critical value, three and then two chaotic attractors are now coexisting, respectively. While for higher values of the coupling strength, only the symmetric chaotic attractor is viewed in the controlled system. The process of annihilation of coexisting multiple attractors to monostable one is confirmed experimentally. The important results of the controlled hyperjerk system with its unique modified chaotic attractors are related to applications like secure communication. (DOI: 10.1115/1.4046639)

**Keywords:** 5D hyperjerk oscillator, space magnetization, multistability control, linear augmentation scheme, experimental evidence

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Title  Find sources

Title: Journal Of Computational And Nonlinear Dynamics x

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	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Journal of Computational and Nonlinear Dynamics	4.2	86%	1,804	427	77

Applied Mathematics

# Controllable synthesis of CeO<sub>2</sub>/g-C<sub>3</sub>N<sub>4</sub> Hybrid Catalysts and its Structural, Optical and Visible Light Photocatalytic Activity

DOI: 10.1016/j.diamond.2020.108161



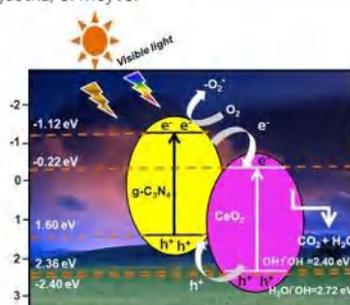
请输入英文关键字检索论文

当前位置: X-MOL 学术 > Diam. Relat. Mater. > 论文详情

## Controllable synthesis of CeO<sub>2</sub>/g-C<sub>3</sub>N<sub>4</sub> Hybrid Catalysts and its Structural, Optical and Visible Light Photocatalytic Activity

*Diamond and Related Materials* ( IF 3.315 ) Pub Date : 2021-01-01 , DOI: 10.1016/j.diamond.2020.108161

D. Barathi, N. Rajalakshmi, R. Ranjith, R. Sangeetha, S. Meyvel



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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Diamond and Related Materials	4.4	76% 139/596 Mechanical Engineering	5,723	1,291	74

Harikrishnan R., **Devi G.**, Paray B.A., Al-Sadoon M.K., Al-Mfarij A.R., Van Doan H. 2020. Effect of cassic acid on immunity and immune-reproductive genes transcription in *Clarias gariepinus* against *Edwardsiella tarda*. *Fish and Shellfish Immunology*. 99: 331-341. <https://doi.org/10.1016/j.fsi.2020.02.037>

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for Dashboard, Author search, and Sources. The main heading is 'Sources'. Below this is a search bar with the text 'Title' and 'Enter title', and a 'Find sources' button. The search results show one entry: 'Fish And Shellfish Immunology'. To the left of the results, there are filter and display options, including 'Filter refine list', 'Apply', 'Clear filters', 'Display options', and 'Display only Open Access journals'. A notification banner at the top of the results area states 'Improved Citescore'.

**Improved Citescore**  
 We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. [View CiteScore methodology.](#)

**Filter refine list**  
 Apply Clear filters

**Display options**  
 Display only Open Access journals  
 Counts for 4-year timeframe  
 No minimum selected

**1 result**  
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 View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82



Full length article

# Effect of cassic acid on immunity and immune-reproductive genes transcription in *Clarias gariepinus* against *Edwardsiella tarda*

Ramasamy Harikrishnan <sup>a</sup>, Gunapathy Devi <sup>b</sup>, Bilal Ahmad Paray <sup>c</sup>  , Mohammad K. Al-Sadoon <sup>c</sup>, Abdul Rahman Al-Mfarrij <sup>c</sup>, Hien Van Doan <sup>d</sup>

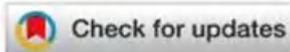
<sup>a</sup> Department of Zoology, Pachaiyappa's College for Men, Kanchipuram, 631 501, Tamil Nadu, India

<sup>b</sup> Department of Zoology, Nehru Memorial College, Puthanampatti, 621 007, Tamil Nadu, India

<sup>c</sup> Zoology Department, College of Science, King Saud University, PO Box 2455, Riyadh, 11451, Saudi Arabia

<sup>d</sup> Department of Animal and Aquatic Sciences, Faculty of Agriculture, Chiang Mai University, Chiang Mai, 50200, Thailand

Received 16 October 2019, Revised 12 February 2020, Accepted 17 February 2020, Available online 19 February 2020.



**Saravanan Kaliyaperumal., Periyasamy Karuppanan., Balakrishnan Umarani., Palanivel Prema.,** Egbuna C. 2019.

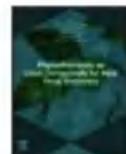
Antiviral phytochemicals for drug development: A data mining studies. In: Phytochemicals as lead compounds for new drug discovery (Editors: Egbuna C., Kumar S., Ifemeje J.C., Ezzat S.M., Saravanan Kaliyaperumal ). Elsevier, USA. <https://doi.org/10.1016/b978-0-12-817890-4.00015-9>

ISBN: 978-012817891-1;978-012817890-4



## Phytochemicals as Lead Compounds for New Drug Discovery

2020, Pages 239-244



### Chapter 15 - Antiviral phytochemicals for drug development: a data mining studies

Saravanan Kaliyaperumal<sup>1</sup>, Karuppanan Periyasamy<sup>2</sup>, Umarani Balakrishnan<sup>1</sup>, Premalatha Palanivel<sup>1</sup>, Chukwuebuka Egbuna<sup>3</sup>

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Available online 24 January 2020.



# Document details - Antiviral phytochemicals for drug development: A data mining studies

1 of 1

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Phytochemicals as Lead Compounds for New Drug Discovery

10 September 2019, Pages 239-244

## Antiviral phytochemicals for drug development: A data mining studies (Book Chapter)

Kaliyaperumal, S., Periyasamy, K., Balakrishnan, U., Palanivel, P., Egbuna, C.

[View additional authors](#) [Save all to author list](#)<sup>a</sup>PG and Research Department of Zoology, Nehru Memorial College (Autonomous), Tiruchirappalli, Tamilnadu, India<sup>b</sup>PG and Research Department of Zoology, Holy Cross College (Autonomous), Tiruchirappalli, Tamilnadu, India<sup>c</sup>Department of Biochemistry, Faculty of Natural Sciences, Chukwuemeka Odumegwu Ojukwu University, Anambra State, Nigeria[View additional affiliations](#)

## Chapters in this book

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22 chapters found in Scopus

- Plant secondary metabolites as lead compounds for the production of potent drugs
- Factors affecting the choice for plant-based products in drug discoveries
- Advances in computer-aided drug discovery
- FDA drug candidacy acceptance criteria and steps: Problems and way forward
- Natural bioactive lead compounds effective against haematological malignancies
- Adjunct therapeutic potential of phytochemicals against cancer
- Antidiabetic lead compounds and targets for drug development
- Antiobesity functional leads and targets for drug development

Ramasamy Hari Krishnan, **Gunapathy Devi**, Bilal Ahmad Paray, Mohammad K. Al-Sadoon, Seyed Hossein, Hoseinifard, Elumalai Gokule. 2019.

Study the immunomodulation of anthracenedione in striped dwarf catfish, *Mystus vittatus* against pathogenic bacteria, *Aeromonas hydrophila*. *Fish and Shellfish Immunology*. 95: 117-127. <https://doi.org/10.1016/j.fsi.2019.10.033>

The screenshot shows the Scopus Sources search interface. At the top, there is a search bar with the title 'Fish And Shellfish Immunology' and a 'Find sources' button. Below the search bar, there is a notification about 'Improved Citescore' methodology. The main results section shows one result for 'Fish and Shellfish Immunology' with a CiteScore of 6.5, a highest percentile of 95%, 19,797 citations, 3,025 documents, and 82% cited. The interface includes various filters and options on the left side.

**Scopus Preview** Dashboard Author search Sources

## Sources

Title  Enter title

Title: Fish And Shellfish Immunology

**Improved Citescore**

We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. [View CiteScore methodology.](#)

**Filter refine list**

**Display options**

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

**1 result** [Download Scopus Source List](#) [Learn more about Scopus Source List](#)

All

View metrics for year: 2020

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82



Full length article

# Study the immunomodulation of anthracenedione in striped dwarf catfish, *Mystus vittatus* against pathogenic bacteria, *Aeromonas hydrophila*

Ramasamy Harikrishnan <sup>a</sup>, Gunapathy Devi <sup>b</sup>, Bilal Ahmad Paray <sup>c</sup>  , Mohammad K. Al-Sadoon <sup>c</sup>, Seyed Hossein Hoseinifar <sup>d</sup>, Elumalai Gokul <sup>e</sup>

- <sup>a</sup> Department of Zoology, Pachaiyappa's College for Men, Kanchipuram, 631 501, Tamil Nadu, India
- <sup>b</sup> Department of Zoology, Nehru Memorial College, Puthanampatti, 621 007, Tamil Nadu, India
- <sup>c</sup> Zoology Department, College of Science, King Saud University, PO Box 2455, Riyadh, 11451, Saudi Arabia
- <sup>d</sup> Department of Fisheries, Faculty of Fisheries and Environmental Sciences, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran
- <sup>e</sup> Department of Animal Science, School of Life Sciences, Bharathidasan University, Tiruchirapalli, 620 024, Tamil Nadu, India

Received 18 September 2019, Revised 11 October 2019, Accepted 16 October 2019, Available online 17 October 2019.

Devi G., Harikrishnan R., Paray B.A., Al-Sadoon M.K., Hoseinifar S.H., Balasundaram C  
 2019. *Effect of symbiotic supplemented diet on innate-adaptive immune response, cytokine gene regulation and antioxidant property in Labeo rohita against Aeromonas hydrophila. Fish and Shellfish immunology.* 89: 687=700.  
<https://doi.org/10.1016/j.fsi.2019.04.036>

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for Dashboard, Author search, and Sources. A search bar is present with the text 'Title' and a 'Find sources' button. Below the search bar, the search results are displayed. A notification banner at the top of the results area states 'Improved Citescore' and provides information about the updated methodology. The main results section shows a table with one entry: 'Fish and Shellfish Immunology'. The table includes columns for Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The entry for 'Fish and Shellfish Immunology' has a CiteScore of 6.5, a Highest percentile of 95% (11/224 Aquatic Science), 19,797 Citations, 3,025 Documents, and 82 % Cited.

**Improved Citescore**  
 We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (i.e. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. [View CiteScore methodology.](#)

**Filter refine list**  
 Apply Clear filters

**Display options**  
 Display only Open Access Journals  
 Counts for 4-year timeframe  
 No minimum selected

**1 result**  
[Download Scopus Source List](#) [Learn more about Scopus Source List](#)  
 All  Export to Excel  Save to source list  
 View metrics for year: 2020

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82



Full length article

# Effect of symbiotic supplemented diet on innate-adaptive immune response, cytokine gene regulation and antioxidant property in *Labeo rohita* against *Aeromonas hydrophila*

Gunapathy Devi <sup>a</sup>, Ramasamy Harikrishnan <sup>b</sup>, Bilal Ahmad Paray <sup>c</sup>  , Mohammad K. Al-Sadoon <sup>c</sup>, Seyed Hossein Hoseinifar <sup>d</sup>, Chellam Balasundaram <sup>e</sup>

<sup>a</sup> Department of Zoology, Nehru Memorial College, Puthanampatti, 621 007, Tamil Nadu, India

<sup>b</sup> Department of Zoology, Pachaiyappa's College for Men, Kanchipuram, 631 501, Tamil Nadu, India

<sup>c</sup> Zoology Department, College of Science, King Saud University, PO Box 2455, Riyadh, 11451, Saudi Arabia

<sup>d</sup> Department of Fisheries, Faculty of Fisheries and Environmental Sciences, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran

<sup>e</sup> Department of Herbal and Environmental Science, Tamil University, Thanjavur, 613 005, Tamil Nadu, India

Received 3 December 2018, Revised 6 April 2019, Accepted 11 April 2019, Available online 16 April 2019.

Umarani, B and Saravanan, K. 2020.

Cytotoxic and Apoptotic Inducing Activity of Ethanol Extract of *Naravelia zeylanica* in Human Breast Cancer Cells. *Indian Journal of Natural Science*. 10: 18166-18173  
<http://www.tnsroindia.org.in/JOURNAL/issue58/ISSUE%2058%20FULL%20TEXT.pdf>

The screenshot shows the website interface for the Indian Journal of Natural Sciences. At the top, there is a navigation bar with 'Web of Science Group', 'Master Journal List', 'Search Journals', 'Match Manuscript', 'Downloads', and 'Help Center'. There are also 'Login' and 'Create Free Account' buttons. Below this is a blue banner with a notification icon and text: 'Want to receive updates from select journals, publishers and organizations, including call for papers, curated articles, new journal & book updates, and conference & events updates?'. The main content area is titled 'Refine Your Search Results' and shows a search for 'Indian Journal of Natural Science' with 20,307 results. The search results section displays the journal's name, publisher (TAMIL NADU SCIENTIFIC RESEARCH ORGANISATION), ISSN (0976-0997), and additional indices (Zoological Record). There are also buttons for 'Share This Journal' and 'View profile page'.

The cover page of the Indian Journal of Natural Sciences features the journal's title and logo (a blue butterfly) at the top. The text includes 'Indian Journal of Natural Sciences', 'Vol.10 / Issue 58 / February / 2020', 'International Bimonthly', and 'www.tnsroindia.org.in ©IJONS'. The ISSN is listed as 0976-0997. A black box with white text reads 'RESEARCH ARTICLE'. The main title of the article is 'Cytotoxic and Apoptotic Inducing Activity of Ethanol Extract of *Naravelia zeylanica* in Human Breast Cancer Cells', followed by the authors 'B.Umarani\* and K. Saravanan'. The affiliation is 'PG and Research Department of Zoology, Nehru Memorial College (Autonomous), (Affiliated to Bharathidasan University) Puthanampatti, Tiruchirappalli, Tamil Nadu, India.' The submission dates are 'Received: 17 Nov 2019', 'Revised: 20 Dec 2019', and 'Accepted: 24 Jan 2020'. The contact information for the corresponding author is '\*Address for Correspondence B.Umarani, PG and Research Department of Zoology, Nehru Memorial College (Autonomous), (Affiliated to Bharathidasan University) Puthanampatti, Tiruchirappalli, Tamil Nadu, India. E.mail: umamiraa86@gmail.com'.

Umarani, B and Saravanan, K. 2020.

Anticancer agents from Some Known Plants: A Review. *Infokara Research*, 9(1):582-603.

<http://infokara.com/gallery/63-jan-3513.pdf>

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for 'Dashboard', 'Author search', and 'Sources'. The main heading is 'Sources'. Below it, there is a search bar with the text 'ISSN: 1021-9056 x 0971-765X x' and a 'Find sources' button. A 'Filter refine list' section is on the left, with 'Apply' and 'Clear filters' buttons. The main content area shows '2 results' and a table of search results. The table has columns for 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. The first result is 'Ecology, Environment and Conservation' with a CiteScore of 0.6 and 24% highest percentile. The second result is 'InfoKara' with N/A values. There are also 'Display options' on the left and a 'Top of page' link at the bottom.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Ecology, Environment and Conservation	0.6	24% 135/177 Nature and Landscape Conservation	499	859	21
2 InfoKara	N/A	N/A	N/A	N/A	N/A

INFOKARA RESEARCH

ISSN NO: 1021-9056

## ANTICANCER AGENTS FROM SOME KNOWN PLANTS: A REVIEW

\*UMARANI, B AND SARAVANAN, K

PG & RESEARCH DEPARTMENT OF ZOOLOGY,  
NEHRU MEMORIAL COLLEGE (AUTONOMOUS),  
(AFFILIATED TO BHARATHDASAN UNIVERSITY, TIRUCHIRAPPALLI)  
PUTHANAMPATTI, TAMILNADU, INDIA.

\*Corresponding author: [unamiraa86@gmail.com](mailto:unamiraa86@gmail.com)

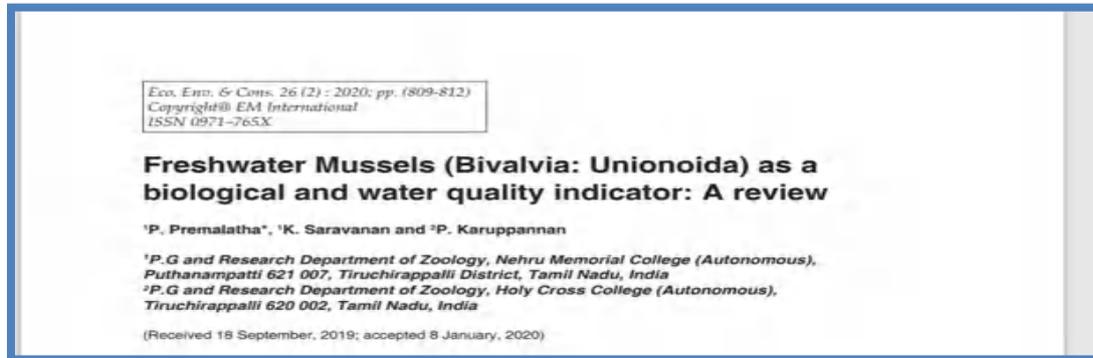
### ABSTRACT

Cancer is serious health problem which cause second leading cause of death worldwide. Even if great advancements have been made in the treatment and control of cancer, a number of undesired side effects will be occurred. Usage of plants and their derived products in cancer treatments reduce adverse side effects and provide permanent cure. Currently, a few plants and their secondary metabolites are being used to treat various types of cancer. However, an innumerable product exists that have shown very promising anti-cancer properties *in vitro* and *in vivo* conditions but have yet to be evaluated in humans. Further investigation is required to determine the usefulness of these plant products in treating cancers in humans. This review focused the therapeutic potential of traditional medicinal plants that can be used as drug

Premalatha P, Saravanan, K. and Karuppanan, P . 2020.

Freshwater muscle (Bivalvia: Unionoidae) as a biological and water quality indicator: A review. *International Journal of Ecology, Environment and Conservation*.

[http://www.envirobiotechjournals.com/article\\_abstract.php?aid=10538&iid=303&jid=3](http://www.envirobiotechjournals.com/article_abstract.php?aid=10538&iid=303&jid=3)



Scopus Preview

Dashboard Author search Sources

## Sources

ISSN  Enter ISSN or ISSNs

Filter refine list

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 No minimum selected  
 Minimum citations   
 Minimum documents   
Citescore highest quartile  
 Show only titles in top 10 percent

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	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Ecology, Environment and Conservation	0.6	24% 135/177 Nature and Landscape Conservation	499	859	21

[↑ Top of page](#)

Activate Windows  
Go to Settings to activate Windows

Siva, T. and Neelananarayanan, P. 2019.

## Diversity of Avifauna during different developmental stages of Paddy Crop in Tiruchirappalli District, Tamil Nadu, India. Pestology.

The screenshot shows the Scopus search interface. The search term 'Pestology' has been entered, and one result is displayed. A notification box at the top indicates an update to the CiteScore methodology. The search results table shows the following data:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	Cited
Pestology	0.4	19%	299347	81	188

PESTOLOGY VOL. 32 (1) NO. 01 OCTOBER 2019

**AVIFAUNA**

**PADDY**

### DIVERSITY OF AVIFAUNA DURING DIFFERENT DEVELOPMENTAL STAGES OF PADDY CROP IN TIRUCHIRAPPALLI DISTRICT, TAMIL NADU, INDIA

T.SIVA<sup>1\*</sup> AND R.NEELANARAYANAN<sup>1</sup>

Research Department of Zoology, Velmil Memorial College (Autonomous), Pathanamangalam-621 007, Tiruchirappalli District, Tamil Nadu, INDIA. Email: sivaivananai@gmail.com; \*Corresponding Author: rnpand10@gmail.com

#### ABSTRACT

Paddy is one of the most important and large-scale grown cereal crops in India and also in many parts of the world. In general, birds play both positive and negative roles in agriculture ecosystem. Bird surveys were conducted in the Village of *Anbil* from *Lalgudi* Taluk of Tiruchirappalli District, Tamil Nadu. The encountered birds and their population observed during four different developmental stages of paddy crop Eco-system from August 2017 to December 2017 are presented in this communication. There were 78 bird species from 39 families recorded in the rice fields during the survey period. Of the 78 species, 76 and 2 bird species belonged to Least Concern and Near Threatened Categories, respectively. Among them, there were 73 species of birds belonged to beneficial category and the remaining 5 were harmful birds. Further, there were 64 resident birds, 3 Resident Migrants and 11 Winter Migrants. All the observed 78 species of birds were classified into 8 major groups based on their diet. They are Omnivorous, Insectivorous, Carnivorous, Frugivorous, Piscivorous, Granivorous, Frugivorous and Neotivorous. A maximum number of birds (34) were observed in the Insectivorous category. The propensity of birds observed were in the tune of 768, 1145, 1092 and 887 during Vegetative, Milky, Panicle Formation and Panicle Maturation stages of the crop, respectively. It is obvious from the present study that diverse species of birds visit and use the

Swarna Bharathi and Boopathyraja, A. 2019.

**Chemically Synthesized Silica-Zinc Nanocomposite Acts As Potential Antibacterial Agent Against Urinary Pathogen.** Journal Of Engineering Sciences.10 (10):143-152.

<https://jespublication.com/upload/2019-V10-I10-24.pdf>

The screenshot shows the Scopus Sources page. The search bar contains the ISSN 0377-9254. The search results show one result: "Journal of engineering sciences". The page includes various filters and options on the left side, such as "Filter refine list", "Display options", and "Counts for 4-year timeframe". The search results table has columns for Source title, CiteScore, Highest percentile, Citations, Documents, and % Cited. The result for "Journal of engineering sciences" shows N/A for all metrics. The page also includes a "Top of page" link and an "Activate Windows" watermark.

**JES**  
Journal of Engineering Sciences

**Vol 10, Issue 10, Oct /2019**  
**ISSN NO:0377-9254**

**CHEMICALLY SYNTHESIZED SILICA-ZINC NANOCOMPOSITE ACTS AS POTENTIAL ANTIBACTERIAL AGENT AGAINST URINARY PATHOGEN**

**D. SWARNA BHARATHI<sup>1</sup>, A. BOOPATHY RAJA<sup>2</sup>**  
<sup>1,2</sup>PG and Research Department of Zoology, Nehru Memorial College (Autonomous),  
Puthanampatti – 621007, Tiruchirappalli, Tamilnadu, India.  
E.mail:boopathyraja07@gmail.com

# Diversity of Butterflies from different Agroecosystem with their Host Plants in Namakkal District, Tamil Nadu, India

DOI: 10.12691/aees-8-5-19

*Applied Ecology and Environmental Sciences*, 2020, Vol. 8, No. 5, 315-318  
Available online at <http://pubs.sciepub.com/aees/8/5/19>  
Published by Science and Education Publishing  
DOI:10.12691/aees-8-5-19



## Diversity of Butterflies from Different Agroecosystem with Their Host Plants in Namakkal District, Tamil Nadu, India

Kanimozhi C.<sup>1</sup>, V. Ramesh.<sup>1\*</sup>, P.C. Pathania<sup>2</sup>, A. Rameshkumar<sup>2</sup>

<sup>1</sup>Department of Zoology, Nehru Memorial College (Affiliated with Bharathidasan University), Puthanampatti -621007, Tamil Nadu, India

<sup>2</sup>Zoological Survey of India, M-Block, New Alipore-700053, Kolkata, West Bengal, India

\*Corresponding author: [drrameshvelu@gmail.com](mailto:drrameshvelu@gmail.com)

Received June 23, 2020; Revised July 24, 2020; Accepted August 04, 2020

### Scopus

≡ UGC-CARE List

UGC-CARE List

You searched for "Applied Ecology and Environmental Sciences". Total Journals : 1

Search:

Sr.No.	Journal Title	Publisher	ISSN	E-ISSN	Action
1	Applied Ecology and Environmental Sciences	Science and Education Publishing	2328-3912	2328-3920	<a href="#">View</a>

Showing 1 to 1 of 1 entries

Previous 1 Next

A DFT study on structural and bonding analysis of transition-metal carbonyls with terminal haloborylene ligands [M(CO)<sub>3</sub>(BX)] (M = Ni, Pd, and Pt; X = F, Cl, Br, and I)

doi.org/10.1016/j.comptc.2020.112750



Computational and Theoretical Chemistry

Volume 1177, 1 May 2020, 112750



# A DFT study on structural and bonding analysis of transition-metal carbonyls with terminal haloborylene ligands [M(CO)<sub>3</sub>(BX)] (M = Ni, Pd, and Pt; X = F, Cl, Br, and I)

F. Paularokiadoss <sup>a, b</sup>, [A. Sekar](#) <sup>a</sup> ✉, [Thayalaraj Christopher Jeyakumar](#) <sup>c</sup> ✉

<sup>a</sup> PG & Research Department of Chemistry, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli, India

<sup>b</sup> PG & Research Department of Chemistry, St. Joseph College of Arts & Science (Autonomous), Cuddalore, India

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Received 23 October 2019, Revised 16 February 2020, Accepted 17 February 2020, Available online 24 February 2020.

## Scopus



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Title: Theoretical And Computational Chemistry x

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Counts for 4-year timeframe

1 result

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View metrics for year: 2020

Source title ↓ CiteScore ↓ Highest percentile ↓ Citations ↓ Documents ↓ % Cited ↓

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
1 Theoretical and Computational Chemistry	N/A	N/A	N/A	N/A	N/A

# Embedding technology in curriculum design and development

<http://dx.doi.org/10.2139/ssrn.3557543>



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## Embedding Technology in Curriculum Design and Development

*International Journal of Innovative Technology and Exploring Engineering, 2019*

Posted: 22 May 2020 • Last revised: 18 Jun 2020

[Tamilmani K T](#)

*affiliation not provided to SSRN*

[Nagalakshmi R](#)

Date Written: May 1, 2019

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Title: [International Journal Of Innovative Technology And Exploring Engineering](#)

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View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	International Journal of Innovative Technology and Exploring Engineering	N/A	N/A	N/A	N/A	N/A

## Health practices and problems in rural india

ISSN: 0019-5006

**Indian Journal of Adult Education**  
**Vol. 81, No. 4(IV)**

**ISSN : 0019-5006**  
**October-December 2020**

### **HEALTH PRACTICES AND PROBLEMS IN RURAL INDIA**

**Dr. R. GEETHA** Assistant Professor, Department of Economics, Nehru Memorial College  
(Autonomous), Puthanampatti, Trichy District.

UGC Care

UGC-CARE List

UGC-CARE List

You searched for "Indian Journal of Adult Education". Total Journals : 1

Search:

Sl.No.	Journal Title	Publisher	ISSN	E-ISSN	Action
1	Indian Journal of Adult Education	Indian Adult Education Association	0019-5006	NA	<a href="#">View</a>

Showing 1 to 1 of 1 entries

Previous **1** Next

# Antioxidant Activity of Telmisartan-Cu(II) Nanoparticles Connected 2-Pyrimidinamine and Their Evaluation of Cytotoxicity Activities

doi.org/10.3390/polym13071046

The screenshot shows the article page on Hindawi. The article is part of a Special Issue titled "Environmental Mutagenicity and Carcinogenicity of Nanomaterials". It is an Open Access research article from Volume 2020, Article ID 8872479. The authors are Radhakrishnan Surendrakumar, Akbar Idhayadulla, Saud Alarifi, Nazeer Anis Ahamed, and Chidambaram Sathish Kumar. The article has 283 views and 197 downloads. A sidebar on the left lists sections like Abstract, Introduction, Methods, etc. A right sidebar offers options to download the PDF, citation, and other formats. Below the article, there are related articles, including "Synthesis of Green Copper Nanoparticles Using Medicinal Plant Hagenia abyssinica".

## Scopus

The screenshot shows the Scopus Sources page. A search for "BioMed Research International" has been performed, resulting in one source. The source is "BioMed Research International: Open Access" with a CiteScore of 4.1. The page also displays a "Filter refine list" on the left and a notification about the "Improved CiteScore" methodology. The search results table is as follows:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1. BioMed Research International: Open Access	4.1	68% 64/204 General Biochemistry, Genetics and Molecular Biology	33,749	8,237	68

# In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2

doi.org/10.1016/j.jiph.2020.09.002

The screenshot shows the ScienceDirect article page for the paper "In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2" published in the Journal of Infection and Public Health. The article is an original article by Chidambaram, Satish Kumar, Daoud Ali, Saud Alanzi, Surendrakumar Radhakrishnan, and Idhayadulla Akbar. It includes an abstract, keywords, introduction, material and methods, result and discussion, conclusion, funding, competing interests, ethical approval, acknowledgments, and references. The article has received 4 citations and has 4 figures. The page also features a sidebar with recommended articles and a right sidebar with citing articles and article metrics.

## Scopus

The screenshot shows the Scopus Sources page for the journal "Journal of Infection and Public Health". The page displays the journal's title, a search bar, and a "Find sources" button. A notification box indicates an improved CiteScore methodology. The "Filter refine list" section includes options for display and counts. The "1 result" section shows the journal's metrics for 2020, including CiteScore, highest percentile, citations, documents, and % cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Journal of Infection and Public Health Open Access	4.9	84% 84/526	3,720	761	74

# Synthesis, Cytotoxic Analysis, and Molecular Docking Studies of Tetrazole Derivatives via N-Mannich Base Condensation as Potential Antimicrobials

doi.org/10.2147/DDDT.S270896

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[Drug Des Devel Ther](#). 2020; 14: 4477–4492. PMID: PMC7591006  
Published online 2020 Oct 23. doi: [10.2147/DDDT.S270896](https://doi.org/10.2147/DDDT.S270896) PMID: [33122891](https://pubmed.ncbi.nlm.nih.gov/33122891/)

## Synthesis, Cytotoxic Analysis, and Molecular Docking Studies of Tetrazole Derivatives via N-Mannich Base Condensation as Potential Antimicrobials

[Ashraf Atef Hatamleh](#),<sup>1</sup> [Dunia Al Farraj](#),<sup>1</sup> [Sarah Salah Al-Saif](#),<sup>1</sup> [SathishKumar Chidambaram](#),<sup>2</sup> [Surenrakumar Radhakrishnan](#),<sup>2</sup> and [Idhayadhulla Akbar](#)<sup>2</sup>

▶ Author information ▶ Article notes ▶ Copyright and License information ▶ Disclaimer

<sup>1</sup>Botany and Microbiology Department, College of Science, King Saud University, Riyadh, Kingdom of Saudi Arabia  
<sup>2</sup>Research Department of Chemistry, Nehru Memorial College (Affiliated with the Bharathidasan University), Puthanampatti, Tiruchirappalli District, Tamil Nadu, South India  
Correspondence: [Idhayadhulla Akbar Email a.idhayadhulla@gmail.com](mailto:Idhayadhulla Akbar Email a.idhayadhulla@gmail.com)

## Scopus

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### Sources

Title  Enter title

Title: [Drug Design](#) [Development And Therapy](#)

**Improved CiteScore**

We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (e. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. [View CiteScore methodology.](#)

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 No minimum selected  
 Minimum citations

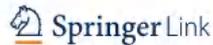
1 result

All

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
<input type="checkbox"/> 1 Drug Design, Development and Therapy Open Access	5.6	76% 39/166 Pharmaceutical Science	8,499	1,526	73

# Enhancing the security in RSA and elliptic curve cryptography based on addition chain using simplified Swarm Optimization and Particle Swarm Optimization for mobile devices

[doi.org/10.1007/s41870-019-00413-8](https://doi.org/10.1007/s41870-019-00413-8)



Original Research | Published: 07 January 2020

## Enhancing the security in RSA and elliptic curve cryptography based on addition chain using simplified Swarm Optimization and Particle Swarm Optimization for mobile devices

A. Mullai & K. Mani

*International Journal of Information Technology* **13**, 551–564 (2021) | [Cite this article](#)

132 Accesses | 3 Citations | [Metrics](#)

### Authors Affiliations:

- 1. Department of Computer Science, SeethalakshmiRamaswami College (Autonomous), Affiliated to Bharathidasan University, Trichy, Tamil Nadu, India**  
A. Mullai
- 2. Department of Computer Science, Nehru Memorial College (Autonomous), Affiliated to Bharathidasan University, Puthanampatti, Trichy, Tamil Nadu, India**  
K. Mani

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text "Title" and "Enter title". To the right of the search bar are buttons for "Author search", "Sources", "Create account", and "Sign in". Below the search bar, the word "Sources" is displayed. A search filter is applied: "Title: International Journal Of Information Technology (Singapore) x". On the left side, there is a "Filter refine list" section with an "Apply" button and a "Clear filters" link. Below this, there are "Display options" including "Display only Open Access Journals" (unchecked) and "Counts for 4-year timeframe" (radio button selected for "No minimum selected"). The main search results area shows "1 result". Above the result table are options for "Download Scopus Source List" and "Learn more about Scopus Source List". Below the table are options for "All" (selected), "Export to Excel", and "Save to source list". The table has columns for "Source title", "CiteScore", "Highest percentile", "Citations 2017-20", "Documents 2017-20", and "% Cited". The result is for "International Journal of Information Technology (Singapore)" with a CiteScore of 1.9, a highest percentile of 50% (273/548 Applied Mathematics), 680 citations, 359 documents, and 55% cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 International Journal of Information Technology (Singapore)	1.9	50% 273/548 Applied Mathematics	680	359	55

# Performance Comparison of the Cloud Optimized Eclat Growth and Multi-Core Processing Cloud Eclat Growth

ISSN 2277-8616

INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 9, ISSUE 03, MARCH 2020

ISSN 2277-8616

## Performance Comparison Of The Cloud Optimized Eclat Growth And Multi-Core Processing Cloud Eclat Growth

V.Priya, Dr.S.Murugan

### Scopus

The screenshot shows the Scopus Sources page. At the top, there is a navigation bar with 'Scopus Preview', 'Author search', 'Sources', and buttons for 'Create account' and 'Sign in'. Below this is a search bar with the text 'Title' and 'Enter title', and a 'Find sources' button. The search results show one result for 'International Journal Of Scientific And Technology Research'. The table below shows the source details and metrics for 2020.

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 International Journal of Scientific and Technology Research	N/A	N/A	N/A	N/A	N/A

# Enhanced LSTM for ASD classification

ISSN 2277-8616

INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 11, NOVEMBER 2019

ISSN 2277-8616

## Enhanced LSTM For ASD Classification

S. Padmapriya, S. Murugan

Scopus

The screenshot shows the Scopus document details page for the article "Enhanced LSTM for ASD classification". The page includes the Scopus logo and "Preview" text in the top left, and navigation options like "Author search", "Sources", and "Create" in the top right. The main heading is "Document details - Enhanced LSTM for ASD classification". Below this, it indicates "1 of 1" document and provides options to "Export", "Download", and "More...". The journal information is listed as "International Journal of Scientific and Technology Research", Volume 8, Issue 11, November 2019, Pages 2428-2438. The article title "Enhanced LSTM for ASD classification(Article)" is followed by the authors "Padmapriya, S., Murugan, S." and options to "View additional authors" and "Save all to author list". Two affiliations are provided: "Department of Computer Science, SRM Trichy Arts & Science College, Trichy, Tamil Nadu, India" and "Department of Computer Science, Nehru Memorial College, Trichy, Puthanampatti, Tamil Nadu, India". On the right side, there are sections for "Cited by 0 documents", "Inform me when this document is cited in Scopus" (with options for "Set (optional)" and "Set (optional fee)"), "Related documents", and "Find more related documents in Scopus based on:" (with options for "Authors" and "Keywords").

# Consecrate recurrent neural network classifier for autism classification

ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019

International Journal of Engineering and Advanced Technology (IJEAT)  
ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019

## Consecrate Recurrent Neural Network Classifier for Autism Classification

S. Padmapriya, S. Murugan

Scopus

The screenshot shows the Scopus document details page for the article 'Consecrate recurrent neural network classifier for autism classification'. The page includes the following information:

- Document details - Consecrate recurrent neural network classifier for autism classification**
- 1 of 1** (with options for Export, Download, and More...)
- International Journal of Engineering and Advanced Technology**
- Volume 9, Issue 1, October 2019, Pages 2033-2041**
- Consecrate recurrent neural network classifier for autism classification(Article)(Open Access)**
- Padmapriya, S., Murugan, S.**
- View additional authors:** (with a dropdown arrow and a 'Save all to author list' button)
- \*Department of Computer Science, SRM Trichy Arts & Science College, Trichy, India**
- \*Department of Computer Science, Nehru Memorial College, Puthansampatti, India**
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# Fine tune watershed using embankment to extract tumor from human head scan

ISSN 2277-8616

INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 10, OCTOBER 2019

ISSN 2277-8616

## Fine Tune Watershed Using Embankment To Extract Tumor From Human Head Scan

S.JOSEPHINE, S.MURUGAN

Scopus

Scopus Preview

Author search Sources ⓘ ⓘ Create ac

### Document details - Fine tune watershed using embankment to extract tumor from human head scan

1 of 1  
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International Journal of Scientific and Technology Research
Volume 8, Issue 10, 2019, Pages 2097-2101

**Fine tune watershed using embankment to extract tumor from human head scan(Article)**  
Josephine, S., Murugan, S.  
View additional authors  
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Department of Computer Science, Nehru Memorial College, Puthanampatti, India

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# Brain Tumor Grade Detection by Using ANN

ISSN: 2249 – 8958, Volume-8 Issue-6,

International Journal of Engineering and Advanced Technology (IJEAT)  
ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019

## Brain Tumor Grade Detection by Using ANN

S. Josephine, S. Murugan

### Scopus

The screenshot shows the Scopus source details page for the International Journal of Engineering and Advanced Technology. The page includes the journal title, Scopus coverage years (2018-2019), publisher information (Blue Eyes Intelligence Engineering and Sciences Publication), E-ISSN (2249-8958), and subject areas (Engineering: General Engineering, Environmental Science: Environmental Engineering, Computer Science: Computer Science Applications). It also displays the journal's source type (Journal) and a table of metrics: CiteScore 2018 (0.0), SJR 2019 (0.104), and SNIP 2020 (0.398). Navigation options like 'View all documents', 'Self documents', 'Skip to source list', and 'Source Homepage' are visible at the bottom.

Metric	Value
CiteScore 2018	0.0
SJR 2019	0.104
SNIP 2020	0.398

# Efficient High Average-Utility Pattern Mining for Big Data

ISSN 2277-8616

INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 09, SEPTEMBER 2019

ISSN 2277-8616

## Efficient High Average-Utility Pattern Mining For Big Data

R. Vasumathi, Dr. S. Murugan

### Scopus

The screenshot shows the Scopus Sources search interface. At the top, there is a search bar with the text 'Title: International Journal Of Scientific And Technology Research'. Below the search bar, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right of the search bar, there are links for 'Author search', 'Sources', 'Create account', and 'Sign in'. The main content area displays '1 result' for the search query. The result is a table with the following columns: Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The single result is 'International Journal of Scientific and Technology Research' with all metrics listed as 'N/A'. There are also options to 'Download Scopus Source List' and 'Learn more about Scopus Source List'.

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Author search Sources ?

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### Sources

Title  Find sources

Title: International Journal Of Scientific And Technology Research x

Filter refine list

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Display options

Display only Open Access journals

Counts for 4-year timeframe

1 result

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 International Journal of Scientific and Technology Research	N/A	N/A	N/A	N/A	N/A

# Map Reduced Tighter Upper Bound for High Average-Utility Pattern Mining For Big Data

ISSN 2277-8616

INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 11, NOVEMBER 2019

ISSN 2277-8616

## Map-Reduced Tighter Upper Bound For High Average Utility Pattern Mining For Big Data

R.Vasumathi, Dr.S.Murugan

### Scopus

The screenshot shows the Scopus Sources search interface. At the top, there is a search bar with the text 'International Journal Of Scientific And Technology Research' and a 'Find sources' button. Below the search bar, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right of the search bar, there are links for 'Author search', 'Sources', 'Create account', and 'Sign in'. The main content area displays '1 result' for the search query. The result is a table with columns: Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The single result is 'International Journal of Scientific and Technology Research' with all metrics listed as 'N/A'. There are also options to 'Download Scopus Source List' and 'Learn more about Scopus Source List'.

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### Sources

Title  Find sources

Title: International Journal Of Scientific And Technology Research x

Filter refine list

Apply Clear filters

Display options

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Counts for 4-year timeframe

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All  Export to Excel Save to source list

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	International Journal of Scientific and Technology Research	N/A	N/A	N/A	N/A	N/A

# Elgamal Encryption using Lucas, Elliptic Curve and SRZ Model.

ISSN: 2249 – 8958, Volume-9 Issue-1

International Journal of Engineering and Advanced Technology (IJEAT)  
ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019

## El Gamal Encryption using Lucas, Elliptic Curve and SRZ Model

Mani. K, Barakath Begam. A

### Scopus

The screenshot shows the Scopus Source details page for the International Journal of Engineering and Advanced Technology. The page includes the journal title, Scopus coverage years (2018-2019), publisher information, ISSN, subject areas, and source type. It also displays performance metrics: CiteScore 2018 (0.0), SJR 2019 (0.104), and SNIP 2020 (0.398). Navigation options like 'View all documents', 'Set document alert', and 'Save to source list' are visible at the bottom.

Metric	Value
CiteScore 2018	0.0
SJR 2019	0.104
SNIP 2020	0.398

# Generation of Keymatrix For Hill Cipher Encryption using Quadratic Form.

ISSN 2277-8616

INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 10, OCTOBER 2019

ISSN 2277-8616

## Generation Of Keymatrix For Hill Cipher Encryption Using Quadratic Form

Dr. K. Mani, A. Barakath Begam

Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Title: International Journal Of Scientific And Technology Research'. Below the search bar, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right of the search bar, there is a 'Find sources' button. Below the search bar, there is a 'Sources' section with a table of results. The table has columns for 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. There is one result listed: 'International Journal of Scientific and Technology Research' with CiteScore N/A, Highest percentile N/A, Citations N/A, Documents N/A, and % Cited N/A. The interface also includes a 'Download Scopus Source List' and 'Learn more about Scopus Source List' link.

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1	International Journal of Scientific and Technology Research	N/A	N/A	N/A	N/A	N/A

# Generation of keystream for symmetric cipher using U-matrix

ISSN: 2277-3878, Volume-8 Issue-3,

DOI: 10.35940/ijrte.C4760.098319

International Journal of Recent Technology and Engineering (IJRTE)  
ISSN: 2277-3878, Volume-8 Issue-3, September 2019

## Generation of Keystream for Symmetric Cipher using U-Matrix

Mani. K, Devi. A

Scopus

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**International Journal of Engineering and Advanced Technology**  
Scopus coverage years: from 2018 to 2019  
(coverage discontinued in Scopus)  
Publisher: Blue Eyes Intelligence Engineering and Sciences Publication  
E-ISSN: 2249-8958  
Subject area: [Engineering: General Engineering](#) [Environmental Science: Environmental Engineering](#) [Computer Science: Computer Science Applications](#)  
Source type: Journal

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CiteScore 2018	0.0
SJR 2019	0.104
SNIP 2020	0.398

#### AUTHORS PROFILE



**Mani. K** received his MCA and M.Tech. from the Bharathidasan University, Trichy, India in Computer Applications and Advanced Information Technology respectively. Since 1989, he has been with the Department of Computer Science at the Nehru Memorial College, affiliated to Bharathidasan University where he is currently working as an Associate Professor. He completed his PhD in Cryptography with primary emphasis on evolution of framework for enhancing the security and optimizing the run time in cryptographic algorithms. He published and presented around 15 research papers at international journals and conferences.



**Devi. A** received her MCA and M.Phil. from Bharathidasan University, Trichy, India in Computer Science Applications. During 2004-2016(April), she had been with the Department of Computer Science at the Lowry Memorial College, affiliated to Bangalore university, Karnataka, India where she was working as an Associate Professor. During 1998-2001, She was working as a programmer in different software companies. She is currently working as a Professor in Reva University Karnataka, India. She has submitted her PhD thesis in Compressed Cryptosystem, Bharathidasan University, Trichy, India.

TSD-CPI: Traffic sign Detection Technique based on Centroid Position Identification in Text Mining

DOI: 10.35940/ijeat.B3056.129219

International Journal of Engineering and Advanced Technology (IJEAT)  
ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019

# TSD-CPI: Traffic Sign Detection Technique Based on Centroid Position Identification in Text Mining

R. Karthika, S. Murugan

**Revised Manuscript Received on December 15, 2019.**

**R. Karthika**, Research Scholar, Department of Computer Science, Memorial College (Autonomous), Puthanampatti-621007 (Tamil Nadu) India. E-mail: [r.karthi1711@gmail.com](mailto:r.karthi1711@gmail.com)

**S. Murugan**, Associate Professor, Department of Computer Science, Memorial College (Autonomous), Puthanampatti-621007 (Tamil Nadu) India. E-mail: [murugan\\_nmc@hotmail.com](mailto:murugan_nmc@hotmail.com)

Scopus



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## Source details

International Journal of Engineering and Advanced Technology

Scopus coverage years: from 2018 to 2019

(coverage discontinued in Scopus)

Publisher: Blue Eyes Intelligence Engineering and Sciences Publication

E-ISSN: 2249-8958

Subject area: [Engineering: General Engineering](#) [Environmental Science: Environmental Engineering](#) [Computer Science: Computer Science Applications](#)

Source type: Journal

# Trust Based Secure Routing Mechanism in Mobile Adhoc Networks for Enhancing the Routing Performances

DOI: 10.35940/ijeat.C5492.029320

International Journal of Engineering and Advanced Technology (IJEAT)  
ISSN: 2249 – 8958, Volume-9 Issue-3, February, 2020

## Trust Based Secure Routing Mechanism in Mobile Adhoc Networks for Enhancing the Routing Performances

K. Mani, S. Prasath Sivasubramanian

**Revised Manuscript Received on February 10, 2020.**

**Dr. K. Mani**, Associate Professor of Computer Science, Nehru Memorial College, Puthanampatti, Trichirapalli, India  
[nitishmanik@gmail.com](mailto:nitishmanik@gmail.com)

**S. Prasath Sivasubramanian**, Research Scholar, Nehru Memorial College, Puthanampatti, Trichirapalli, India, [mail2prasath@gmail.com](mailto:mail2prasath@gmail.com)

Retrieval Number: C5492029320/2020@BEIESP  
DOI: [10.35940/ijeat.C5492.029320](https://doi.org/10.35940/ijeat.C5492.029320)

### Scopus

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#### Source details

International Journal of Engineering and Advanced Technology

Scopus coverage years: from 2018 to 2019  
(coverage discontinued in Scopus)

Publisher: Blue Eyes Intelligence Engineering and Sciences Publication  
E-ISSN: 2249-8958

Subject area: [Engineering: General Engineering](#) [Environmental Science: Environmental Engineering](#) [Computer Science: Computer Science Applications](#)

Source type: Journal

[View all documents >](#) [Set document alert](#) [Save to source list](#) [Source Homepage](#)

CiteScore 2018	0.0
SJR 2019	0.104
SNIP 2020	0.398

# The connected complement domination matrix and energy of graphs

; ISSN: 1314-3395

**International Journal of Pure and Applied Mathematics**  
Volume 113 No. 10 2017, 326 – 333  
ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)  
url: <http://www.ijpam.eu>  
Special Issue



## The connected complement domination matrix and energy of graphs

S. Dhivyakannu<sup>1</sup> V.Mohana Selvi<sup>2</sup>

<sup>1</sup>Assistant Professor, Dept of Mathematics, Nehru Memorial College,  
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[vmohanaselvi@gmail.com](mailto:vmohanaselvi@gmail.com)

### Scopus



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### Sources

Title

Find sources

Title: International Journal Of Pure And Applied Mathematics x

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Counts for 4-year timeframe

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All  Export to Excel  Save to source list

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations ↓	Documents ↓	% Cited ↓
<input type="checkbox"/> 1	International Journal of Pure and Applied Mathematics	N/A	N/A	N/A	N/A	N/A

# Study of intermolecular interactions in the binary mixtures containing cyclic ethers and benzyl amine at different temperatures

[doi.org/10.1016/j.cdc.2020.100561](https://doi.org/10.1016/j.cdc.2020.100561)



Chemical Data Collections

Volume 30, December 2020, 100561



Data Article

## Study of intermolecular interactions in the binary mixtures containing cyclic ethers and benzyl amine at different temperatures

R. Rajalakshmi <sup>a</sup>, S. Ravikumar <sup>a</sup>, R. Raju <sup>a</sup>, Rekha Gaba <sup>b</sup>  , R. Gerald Arokiaraj <sup>a</sup>, S. Balamurugan <sup>a</sup>, R. Sangeetha <sup>a</sup>, V. Pandiyan <sup>a</sup>  

<sup>a</sup> Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti, 621 007, Tamil Nadu, India

<sup>b</sup> Department of Chemistry, DAV University, Jalandhar, 144 012, Punjab, India

Received 4 April 2020, Revised 10 September 2020, Accepted 5 October 2020, Available online 9 October 2020.

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Title  Enter title

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Title: Chemical Data Collections x

Filter refine list

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Display options

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Counts for 4-year timeframe

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1 result

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 Chemical Data Collections	1.8	43% 226/398 General Chemistry	965	532	53

# Costus speciosus leaf extract assisted CS-Pt-TiO<sub>2</sub> composites: Synthesis, characterization and their bio and photocatalytic applications.

[doi.org/10.1016/j.molstruc.2019.06.030](https://doi.org/10.1016/j.molstruc.2019.06.030)



Journal of Molecular Structure  
Volume 1195, 5 November 2019, Pages 787-795



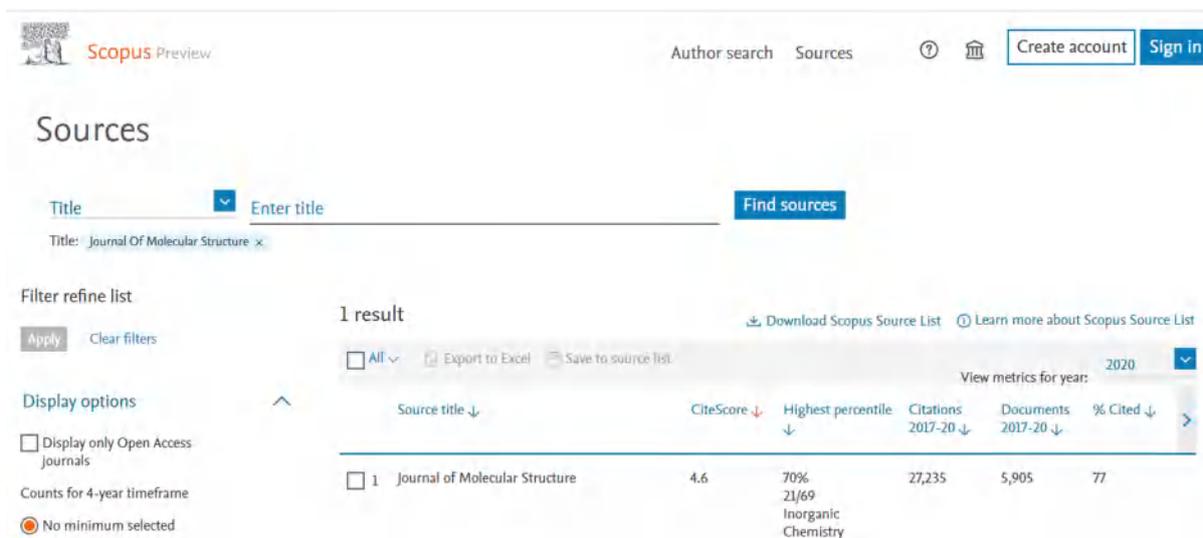
## Costus speciosus leaf extract assisted CS-Pt-TiO<sub>2</sub> composites: Synthesis, characterization and their bio and photocatalytic applications

C. Surya <sup>a</sup>, N. Agnel Arul John <sup>a</sup>  , V. Pandiyan <sup>c</sup>, S. Ravikumar <sup>c</sup>, P. Amutha <sup>d</sup>, Abilio J.F.N. Sobral <sup>b</sup>, Balu Krishnakumar <sup>b</sup>  

- <sup>a</sup> Department of Biochemistry, Srimad Andavan Arts and Science College, Tiruchirappalli 620 005, Tamil Nadu, India
- <sup>b</sup> Department of Chemistry, University of Coimbra, 3004-535 Coimbra, Portugal
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- <sup>d</sup> Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore, 641004, India

Received 22 February 2019, Revised 6 June 2019, Accepted 7 June 2019, Available online 12 June 2019.

### Scopus



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### Sources

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Title: [Journal Of Molecular Structure](#) x

Filter refine list [Apply](#) [Clear filters](#)

Display options  Display only Open Access Journals

Counts for 4-year timeframe  No minimum selected

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

# Thermodynamic properties of binary liquid mixtures containing aromatic alcohol and aliphatic amines at different temperatures.

[doi.org/10.1016/j.molliq.2019.04.064](https://doi.org/10.1016/j.molliq.2019.04.064)



Journal of Molecular Liquids

Volume 285, 1 July 2019, Pages 279-287



## Thermodynamic properties of binary liquid mixtures containing aromatic alcohol and aliphatic amines at different temperatures

A. Shakila <sup>a</sup>, S. Ravikumar <sup>a</sup>, V. Pandiyan <sup>a</sup>, Rekha Gaba <sup>b</sup>

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Received 23 February 2019, Revised 8 April 2019, Accepted 13 April 2019, Available online 16 April 2019.

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1	Journal of Molecular Liquids <i>Open Access</i>	8.4	92% 31/411 Condensed Matter Physics	63,424	7,576	81

# Excess thermodynamic properties of intermolecular interactions in binary liquid mixtures of furfural with alkyl acetates (C1-C5) at different temperatures,

[doi.org/10.1016/j.cdc.2019.100299](https://doi.org/10.1016/j.cdc.2019.100299)



Chemical Data Collections

Volume 24, December 2019, 100299



Data Article

## Excess thermodynamic properties of intermolecular interactions in binary liquid mixtures of furfural with alkyl acetates (C1-C5) at different temperatures

R. Rajalakshmi <sup>a</sup>, S. Ravikumar <sup>a</sup>, K. Sivakumar <sup>b</sup>, V. Pandiyan <sup>a</sup>

<sup>a</sup> Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti, Tamil Nadu 621 007, India

<sup>b</sup> Department of Chemistry, S. V. Arts Degree and P. G. College (T.T.D'S), Tirupati, Andhra Pradesh 517502, India

Received 6 August 2019, Revised 15 October 2019, Accepted 17 October 2019, Available online 30 October 2019

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1 Chemical Data Collections	1.8	43% 226/398 General Chemistry	965	532	53

# Thermodynamic properties and IR studies of binary mixtures of benzyl amine with alkyl esters at different temperatures

[doi.org/10.1016/j.cdc.2019.100278](https://doi.org/10.1016/j.cdc.2019.100278)



Chemical Data Collections

Volume 24, December 2019, 100278



Data Article

## Thermodynamic properties and IR studies of binary mixtures of benzyl amine with alkyl esters at different temperatures

R. Rajalakshmi <sup>a</sup>, S. Ravikumar <sup>a</sup>, Rekha Gaba <sup>b</sup>, V. Pandiyan <sup>a</sup>

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Received 12 July 2019, Revised 10 September 2019, Accepted 10 September 2019, Available online 13 September 2019.

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View metrics for year: 2020

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Chemical Data Collections	1.8	43% 226/398 General Chemistry	965	532	53

# Sighting of threatened amphibians from the Avalanche Forest in Western Ghats, Nilgiris, Tamil Nadu

ISSN 0971-6378

# ZOO'S PRINT

Communicating science for conservation

Vol. XXXV, No. 3, March 2020

ISSN 0971-6378 (Print); 0973-2543 (Online)

## Contents

### T. Siva

Research Department of Zoology, Nehru Memorial College, Puthanampatti, Tiruchirappalli District, Tamil Nadu 621007, India.

## Scopus

The screenshot shows the Scopus search interface. The search bar contains the text "Zoo's Print Journal" and the "Find sources" button is highlighted. The search results show one result: "Zoo's Print Journal". The table below shows the search results for "Zoo's Print Journal" in 2020.

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1 Zoo's Print Journal	N/A	N/A	N/A	N/A	N/A

# Emergence and mitigation of extreme events in a parametrically driven system with velocity-dependent potential

[doi.org/10.1140/epjp/s13360-021-01114-7](https://doi.org/10.1140/epjp/s13360-021-01114-7)

 Springer Link

Regular Article | Published: 23 January 2021

## Emergence and mitigation of extreme events in a parametrically driven system with velocity-dependent potential

S. Sudharsan, A. Venkatesan, P. Muruganandam & M. Senthilvelan 

*The European Physical Journal Plus* **136**, Article number: 129 (2021) | [Cite this article](#)

214 Accesses | 1 Altmetric | [Metrics](#)

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A. Venkatesan

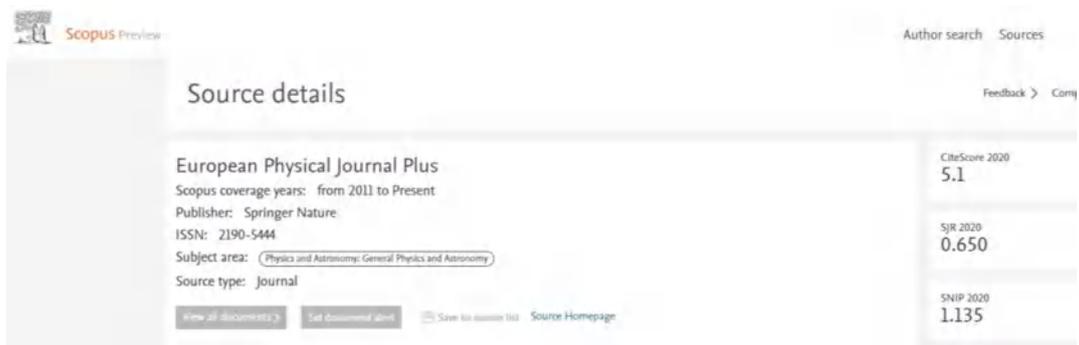
Department of Physics, Bharathidasan University, Tiruchirappalli, Tamil Nadu, 620024, India

P. Muruganandam

#### Corresponding author

Correspondence to [M. Senthilvelan](#).

Scopus



Scopus Preview

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### Source details

**European Physical Journal Plus**  
Scopus coverage years: from 2011 to Present  
Publisher: Springer Nature  
ISSN: 2190-5444  
Subject area: [Physics and Astronomy: General Physics and Astronomy](#)  
Source type: Journal

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CiteScore 2020	5.1
SJR 2020	0.650
SNIP 2020	1.135

# Route to logical strange nonchaotic attractors with single periodic force and noise

[doi.org/10.1063/5.0017725](https://doi.org/10.1063/5.0017725)

The screenshot shows the top portion of a journal article page. At the top left is the AIP logo and the journal title "Chaos: An Interdisciplinary Journal of Nonlinear Science". To the right are social media icons and a "SUBMIT YOUR ARTICLE" button. Below this is a navigation bar with links for HOME, BROWSE, INFO, FOR AUTHORS, and COLLECTIONS, along with a "SIGN UP FOR ALERTS" button. The article title "Route to logical strange nonchaotic attractors with single periodic force and noise" is prominently displayed. Below the title, the journal information "Chaos 30, 093137 (2020); https://doi.org/10.1063/5.0017725" and the authors "M. Sathish Aravindh<sup>1,2,3†</sup>, A. Venkatesan<sup>1,3†</sup>, and M. Lakshmanan<sup>2,3†</sup>" are listed. The page also includes a "No Access" notice and publication dates.

## Scopus

The screenshot shows the Scopus Preview page for the article. The title "Chaos" is at the top. Below it, the Scopus coverage years are listed as "from 1991 to Present". The publisher is "American Institute of Physics" and the ISSN is "1054-1500". The subject area is categorized as "Mathematics: Mathematical Physics", "Mathematics: Applied Mathematics", "Physics and Astronomy: Statistical and Nonlinear Physics", and "Physics and Astronomy: General Physics and Astronomy". The source type is "Journal". On the right side, the Scopus metrics are displayed: CiteScore 2020 is 5.2, SJR 2020 is 0.971, and SNIP 2020 is 1.261. At the bottom, there are buttons for "View all documents", "Set document alert", "Save to source list", and "Source Homepage".

# Complex Dynamics in a Memristive Diode Bridge-Based MLC Circuit: Coexisting Attractors and Double-Transient Chaos

doi.org/10.1142/S0218127421500498



International Journal of Bifurcation and Chaos, Vol. 31, No. 3 (2021) 2150049 (17 pages)  
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DOI: [10.1142/S0218127421500498](https://doi.org/10.1142/S0218127421500498)

## Complex Dynamics in a Memristive Diode Bridge-Based MLC Circuit: Coexisting Attractors and Double-Transient Chaos

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Title: International Journal Of Bifurcation And Chaos In Applied Sciences And Engineering x

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View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	International Journal of Bifurcation and Chaos in Applied Sciences and Engineering	4.2	88% 13/110	4,457	1,060	65

# Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of its antibacterial potential

[doi.org/10.1016/j.sbsr.2021.100399](https://doi.org/10.1016/j.sbsr.2021.100399)

Sensing and Bio-Sensing Research 31 (2021) 100399

Contents lists available at ScienceDirect

**Sensing and Bio-Sensing Research**

journal homepage: [www.elsevier.com/locate/sbsr](http://www.elsevier.com/locate/sbsr)

**Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of its antibacterial potential**

P. Ramesh <sup>a,\*</sup>, K. Saravanan <sup>b</sup>, P. Manogar <sup>c</sup>, J. Johnson <sup>d</sup>, E. Vinoth <sup>d</sup>, M. Mayakannan <sup>d</sup>

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<sup>d</sup> PG & Research Department of Physics, Government Arts College, Viruvanamalai 606 603, Tamilnadu, India

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**Improved Citescore**

We have updated the Citescore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of Citescore, as well as retroactively for all previous Citescore years (ie. 2018, 2017, 2016...). The previous Citescore values have been removed and are no longer available.

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All  Export to Excel  Save to source list

View metrics for year: 2020

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Sensing and Bio-Sensing Research - Open Access	6.5	83% 104/693 Electrical and Electronic Engineering	1,440	221	79

Ramasamy Harikrishnan, **Gunapathy Devi**, Chellam Balasundaram, Hien Van Doan, Sanchai Jaturasitha, **Kaliyaperumal Saravanan**, Einar Ring. 2021.

**Impact of cinnamaldehyde on innate immunity and immune gene expression in *Channa striatus* against *Aphanomyces invadans*. *Fish and Shellfish Immunology*.**

<https://doi.org/10.1016/j.fsi.2021.07.009>

The screenshot shows the Scopus Sources page. At the top, there is a search bar with the ISSN: 10504648 and 02546299. Below the search bar, there is a notification about the improved CiteScore methodology. The main content area shows a table with 2 results. The first result is 'Fish and Shellfish Immunology' with a CiteScore of 6.5, a highest percentile of 95.96, 11,224 citations, and 19,797 documents. The table also shows metrics for 2020: 3,025 citations, 11,824 documents, and 36% cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Fish and Shellfish Immunology	6.5	95.96 11/224 Aquatic Science	19,797	3,025 11,824 Documents	36 Cited

Fish and Shellfish Immunology xxx (xxxx) 1–15

Contents lists available at ScienceDirect

**Fish and Shellfish Immunology**

journal homepage: [www.elsevier.com/locate/fsi](http://www.elsevier.com/locate/fsi)

ELSEVIER

Impact of cinnamaldehyde on innate immunity and immune gene expression in *Channa striatus* against *Aphanomyces invadans*

Ramasamy Harikrishnan<sup>a, \*\*</sup>, Gunapathy Devi<sup>b</sup>, Chellam Balasundaram<sup>c</sup>, Hien Van Doan<sup>d, e, \*</sup>, Sanchai Jaturasitha<sup>d, e</sup>, Kaliyaperumal Saravanan<sup>b</sup>, Einar Ring<sup>f</sup>

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<sup>c</sup> Department of Herbal and Environmental Science, Tamil University, Thanjavur, 613 005, Tamil Nadu, India  
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<sup>e</sup> Science and Technology Research Institute, Chiang Mai University, 239 Huay Keaw Rd., Suthep, Muang, Chiang Mai, 50200, Thailand  
<sup>f</sup> Norwegian College of Fishery Science, Faculty of Bioscience, Fisheries and Economics, UiT The Arctic University of Norway, Tromsø, Norway

Periyasamy Karuppanan, **Kaliyaperumal Saravanan**, Chukwuebuka Egbuna Chukwuemerie Z. Uche, Kingsley C. Patrick-Iwuanyanwu, Johra Khan. 2021.

**Antihyperlipidemic Effects of Silver Nanoparticles Synthesized from *Ventilago maderaspatana* Leaf Extract on Streptozotocin-Induced Albino Rats. *Tropical Journal of Natural Product Research***

DOI: <http://www.doi.org/10.26538/tjnpr/v1i4.5>

The screenshot shows the Scopus Preview 'Sources' page. At the top, there is a search bar with the ISSN '2616-0684' and a 'Find sources' button. Below the search bar, there are filter options for 'Display options' and 'Filter refine list'. The main content area shows one search result for 'Tropical Journal of Natural Product Research' with a CiteScore of 0.3, a highest percentile of 18% (135/166 in Pharmaceutical Science), 118 citations from 2017-2020, 385 documents from 2017-2020, and 20% cited. The page also includes navigation links like 'Dashboard', 'Author search', and 'Sources'.

The cover page features the journal title 'Tropical Journal of Natural Product Research' in a large, bold font. Below the title, it states 'Available online at <https://www.tjnpr.org>'. The issue information is 'Trop J Nat Prod Res, June 2021; 5(6):1066-1071'. The ISSN numbers are 'ISSN 2616-0684 (Print)' and 'ISSN 2616-0692 (Electronic)'. The article title is 'Antihyperlipidemic Effects of Silver Nanoparticles Synthesized from *Ventilago maderaspatana* Leaf Extract on Streptozotocin-Induced Albino Rats'. The authors listed are Periyasamy Karuppanan<sup>1</sup>, Kaliyaperumal Saravanan<sup>1\*</sup>, Chukwuebuka Egbuna<sup>2,3,4\*</sup>, Chukwuemerie Z. Uche<sup>5</sup>, Kingsley C. Patrick-Iwuanyanwu<sup>2,3</sup>, and Johra Khan<sup>6,7</sup>. The cover also includes the journal's logo and a small image of a plant.

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Chukwuebuka Egbuna\*, Chinaza G. AA, Garima Kushwaha, Mithun Rudrapal, Kingsley C. Patrick-Iwuanyanwu, Omkar Singh, Uchenna E. Odoh, Johra Khan, Jaison Jeevanandam, Suresh Kumarasamy, Mathiyazhagan Narayanan, VVChukwube, Santwana Palai, Mihnea-Alexandru Găman, Chukwuemerie Z. Uche, Daprim S. Ogaji, Nebechi J. Ezeofor, Andrew G. Mtewa, Chinyere C. Patrick-Iwuanyanwu, Shyam S. Kesh, Chandan Shivamallu, **Kaliyaperumal Saravanan**, Habibu TT, Muhammad Akram, Jonathan C. Ifemeje, Michael C. Olisah, Chukwudi J. Chikwendu. 2021.

**Bioactive Compounds Effective Against Type 2 Diabetes mellitus A systematic Review.**  
*Current Topics in Medicinal Chemistry*

<https://doi.org/10.2174/1568026621666210509161059>

The screenshot shows the Scopus Sources page. The search title is "Current Topics in Medicinal Chemistry". The results table is as follows:

Source title	CiteScore	Highest percentile	Citations	Documents	% Cited
1. Current Topics in Medicinal Chemistry	6.1	75% 36/145 Drug Discovery	4,975	809	90

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**Author(s):** Chukwuebuka Egbuna\*, Chinaza G. Awuchi, Garima Kushwaha, Mithun Rudrapal, Kingsley C. Patrick-Iwuanyanwu, Omkar Singh, Uchenna E. Odoh, Johra Khan, Jaison Jeevanandam, Suresh Kumarasamy, Mathiyazhagan Narayanan, Vincent O. Chukwube, Santwana Palai, Mihnea-Alexandru Găman, Chukwuemerie Z. Uche, Daprim S. Ogaji, Nebechi J. Ezeofor, Andrew G. Mtewa, Chinyere C. Patrick-Iwuanyanwu, Shyam S. Kesh, Chandan Shivamallu, **Kaliyaperumal Saravanan**, Habibu Tijani, Muhammad Akram, Jonathan C. Ifemeje, Michael C. Olisah, Chukwudi J. Chikwendu

**Affiliation:** PG and Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti – 621 007 Affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu, India

**Journal Name:** Current Topics in Medicinal Chemistry

**DOI:** 10.2174/1568026621666210509161059

Journal Home

**BENTHAM SCIENCE**  
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P.Ramesh, K.Saravanan, P.Manogar, J.Johnson, E.Vinoth, M.Mayakannan. 2021.  
**Green synthesis and characterization of biocompatible zinc oxide nanoparticles and  
 evaluation of its antibacterial potential. *Sensing and Bio-Sensing Research*. 31:**  
<https://doi.org/10.1016/j.sbsr.2021.100399>  
<https://www.sciencedirect.com/science/article/pii/S2214180421000040?via%3Dihub>

Sources

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Filter refine list 2 results [Download Scopus Source List](#) [Learn more about Scopus Source L](#)

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Minimum citations

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<input type="checkbox"/> 1	Sensing and Bio-Sensing Research <i>Open Access</i>	6.5	83% 114/693 Electrical and Electronic Engineering	1,440	221	79

Sensing and Bio-Sensing Research xxx (xxxx) xxx-xxx

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## Sensing and Bio-Sensing Research

journal homepage: <http://ees.elsevier.com>



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**Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of its antibacterial potential**

**P. Ramesh<sup>a,\*</sup>, K. Saravanan<sup>b</sup>, P. Manogar<sup>c</sup>, J. Johnson<sup>d</sup>, E. Vinoth<sup>d</sup>, M. Mayakannan<sup>d</sup>**

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<sup>d</sup> PG & Research Department of Physics, Government Arts College, Tiruvannamalai 606 603, Tamilnadu, India

Harikrishnan R., Devi G., Balasundaram C., Van Doan H., Jaturasitha S., RingÃ, E., Faggio C. 2021.

Effect of chrysophanic acid on immune response and immune genes transcriptomic profile in *Catla catla* against *Aeromonas hydrophila*. *Scientific Reports*. DOI: <https://doi.org/10.1038/s41598-020-79629-9>

The screenshot shows the Scopus Preview interface. At the top, there is a navigation bar with 'Dashboard', 'Author search', and 'Sources'. The main heading is 'Sources'. Below it, there is a search bar with the text 'Enter title' and a 'Find sources' button. A filter is applied: 'Title: Scientific Reports'. A notification banner at the top states: 'Improved Citescore: We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. View CiteScore methodology.' Below the notification, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. The 'Display options' section includes a checkbox for 'Display only Open Access journals' and a radio button for 'Counts for 4-year timeframe' with 'No minimum selected' selected. The search results section shows '1 result' and includes options to 'Download Scopus Source List' and 'Learn more about Scopus Source List'. A table displays the search results for the year 2020.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Scientific Reports <i>Open Access</i>	7.1	93% 8/110	591,671	83,029	78



OPEN **Effect of chrysophanic acid on immune response and immune genes transcriptomic profile in *Catla catla* against *Aeromonas hydrophila***

Ramasamy Harikrishnan<sup>1</sup>, Gunapathy Devi<sup>2</sup>, Chellam Balasundaram<sup>3</sup>, Hien Van Doan<sup>4,5</sup>, Sanchai Jaturasitha<sup>4,5</sup>, Einar Ringø<sup>6</sup> & Caterina Faggio<sup>7</sup>

The effect of chrysophanic acid (CA) (2, 4, and 8 mg kg<sup>-3</sup>) on the immunity and immune-related gene profile of *Catla catla* against *Aeromonas hydrophila* is reported. In both control and treated groups fed with 2 mg kg<sup>-3</sup> (2 CA), the phagocytosis, hemolytic, myeloperoxidase content, and superoxide anion production decreased significantly between 6th and 8th weeks, whereas when fed with 4 mg kg<sup>-3</sup> CA (4 CA) the H<sub>2</sub>O<sub>2</sub> production and nitric oxide synthase increased significantly between 4th and 8th week. When fed with 2 CA and 4 CA diets, the total protein, bactericidal, and antibody titer increased significantly from the 4th week onwards. When fed with 2 CA, the IL-1β and IL-10 mRNA expression of head kidney leucocytes were significant between weeks 6 and 8. The expressions of toll-like receptors significantly increased when fed with a 4 CA diet from 4th week onwards. The 4 CA group significantly increased in TNF-α, TNF receptor-associated factor 6 (NOD), which influences protein expression, after the 4th week. The mRNA transcription of MHCII, lysozyme-chicken and goose type expressions significantly increased in 4 CA group within the 4th week. In summary, the dietary administration of 4 mg kg<sup>-3</sup> of CA (4 CA) provides better immunity and enhances the up-regulation of immune-related genes in *Catla* against *A. hydrophila*.

Today's growing world population has led to increasing demand for aquaculture as a luxury and cheap protein source<sup>1</sup>. Correspondingly, the current aquaculture practice has shifted from extensive to semi- or intensive systems. In the year 2016, the global aquatic food production has exceeded 171 million tons<sup>2</sup>. Fish production in the first two quarters of 2017 and 2018 increased to 5.80 million tons<sup>3</sup>. Among the Indian major carps (IMCs) *Catla catla* is the most commonly farmed freshwater fish due to its size, good flavor, high protein content, omega-3 fatty acids, yet with fewer triglycerides, which promote brain function<sup>4</sup>; besides species like *C. catla* are also a cheap source of aqua-protein (about 2 US dollars/kg in countries like India). However, an intensive aquaculture system triggers a highly stressful environment that adversely affects the immune system, making the cultivated fish more vulnerable to infectious agents<sup>5</sup>. Besides, any culture system with maximum rearing density triggers frequent outbreaks of several infectious diseases, increasing the host susceptibility, virulence of the pathogen, and health-related problems<sup>6-8</sup>. Like other IMCs, *Catla* suffers from several infections, including aeromoniasis, edwardsiellosis, and epizootic ulcerative syndrome (EUS)<sup>9</sup>. Among these, *Aeromonas hydrophila* is a leading bacterial pathogen known to cause symptoms like haemorrhagic septicaemia, infectious dropsy, ulcerative lesion, and fin rot resulting in mass mortality<sup>10,11</sup> affecting the quality and quantity of the size of harvest significantly. To manage these diseases, fish farmers conventionally use broad-spectrum antibiotics and chemotherapeutics,

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Selvan P.S., Senthoorraja R., Ramesh V., Jebanesan A. 2021.

Field evaluation of toxicity of plant extracts against vector of filariasis *Culex quinquefasciatus* Say, 1823 (Diptera: Culicidae). *South African Journal of Botany*, 139: 59-66. <https://doi.org/10.1016/j.sajb.2021.01.027>

The screenshot shows the Scopus search interface. At the top, there's a search bar with the ISSN '02546299' entered. Below the search bar, a notification banner for 'Improved CiteScore' is visible. The search results section shows one result for 'South African Journal of Botany' with a CiteScore of 3.4, a highest percentile of 73% (118/145 in Plant Science), 4,594 citations from 2017-20, and 1,189 documents from 2017-20. The interface includes various filters and options on the left side.

The image shows the cover of the journal. It features the Elsevier logo on the left and a small image of a book cover on the right. The title of the article is prominently displayed in the center, followed by the authors' names. Below the authors' names, their affiliations are listed with superscript letters (a, b, c, d). At the bottom, the submission and acceptance dates are provided.

**South African Journal of Botany**  
Volume 139, July 2021, Pages 58-66

**Field evaluation of toxicity of plant extracts against vector of filariasis *Culex quinquefasciatus* Say, 1823 (Diptera: Culicidae)**

P. Senthamarai Selvan <sup>a, b, c, d</sup>, R. Senthoorraja <sup>b, d</sup>, V. Ramesh <sup>c</sup>, A. Jebanesan <sup>a</sup>

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<sup>b</sup> Veterinary Entomology Laboratory, ICAR-National Bureau of Agricultural Insect Resources (NBAIR), Bengaluru, 560 064, Karnataka, India  
<sup>c</sup> PG & Research Department of Zoology, Nehru Memorial College (Autonomous), Puthanampatti, 621 007, Tamilnadu, India  
<sup>d</sup> DOS in Zoology, University of Mysore, Mysore, 570 006, Karnataka, India

Received 19 December 2019, Revised 4 January 2021, Accepted 21 January 2021, Available online 27 February 2021.

Harikrishnan R., Devi G., Van Doan H., Balasundaram C., Thamizharasan S., Hoseinifar S.H., Abdel-Tawwab M. 2021.

Effect of diet enriched with *Agaricus bisporus* polysaccharides (ABPs) on antioxidant property, innate-adaptive immune response and pro-anti inflammatory genes expression in *Ctenopharyngodon idella* against *Aeromonas hydrophila*. **Fish and Shellfish Immunology** .114: 238-252.  
<https://doi.org/10.1016/j.fsi.2021.04.025>

The screenshot shows the Scopus Sources search interface. At the top, there is a search bar with the text 'Title' and a 'Find sources' button. Below the search bar, the search results are displayed. A notification banner at the top of the results area states: 'Improved Citescore: We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. View CiteScore methodology.' Below this, a 'Filter refine list' section is visible, showing '1 result'. The search results are presented in a table with columns for Source title, CiteScore, Highest percentile, Citations (2017-20), Documents (2017-20), and % Cited. The single result is 'Fish and Shellfish Immunology' with a CiteScore of 6.5, a Highest percentile of 95% (11/224 Aquatic Science), 19,797 Citations, 3,025 Documents, and 82 % Cited. The interface also includes options for 'Display options' (e.g., 'Display only Open Access journals') and 'Counts for 4-year timeframe' (set to 'No minimum selected').

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82



Full length article

# Effect of diet enriched with *Agaricus bisporus* polysaccharides (ABPs) on antioxidant property, innate-adaptive immune response and pro-anti inflammatory genes expression in *Ctenopharyngodon idella* against *Aeromonas hydrophila*

Ramasamy Harikrishnan <sup>a</sup>, Gunapathy Devi <sup>b</sup>, Hien Van Doan <sup>c, d</sup>  , Chellam Balasundaram <sup>e</sup>, Subramanian Thamizharasan <sup>f</sup>, Seyed Hossein Hoseinifar <sup>g</sup>, Mohsen Abdel-Tawwab <sup>h</sup>

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<sup>g</sup> Department of Fisheries, Faculty of Fisheries and Environmental Sciences, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran

<sup>h</sup> Department of Fish Biology and Ecology, Central Laboratory for Aquaculture Research, Abbassa, Abo-Hammad, Sharqia, Egypt

Received 8 March 2021, Revised 26 April 2021, Accepted 27 April 2021, Available online 11 May 2021.

Harikrishnan R., **Devi G.**, Van Doan H., Balasundaram C., Esteban M.Á., Abdel - Tawwab M. 2021

. Impact of grape pomace flour (GPF) on immunity and immune-antioxidant-anti-inflammatory genes expression in *Labeo rohita* against *Flavobacterium columnaris*. **Fish and Shellfish Immunology**: 111: 69-82  
<https://doi.org/10.1016/j.fsi.2021.01.011>

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for 'Dashboard', 'Author search', and 'Sources'. The main heading is 'Sources'. Below this is a search bar with the text 'Title' and a dropdown arrow, followed by 'Enter title' and a 'Find sources' button. The search results show one entry: 'Fish And Shellfish Immunology'. A notification banner at the top of the results area states: 'Improved Citescore: We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. View CiteScore methodology.' Below the notification is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right, it says '1 result' and provides options to 'Download Scopus Source List' and 'Learn more about Scopus Source List'. There are also options to 'Export to Excel' and 'Save to source list'. A dropdown menu is set to '2020'. Below this is a table with columns: 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. The table contains one row for 'Fish and Shellfish Immunology' with a CiteScore of 6.5, a highest percentile of 95% (11/224 Aquatic Science), 19,797 citations, 3,025 documents, and 82% cited. On the left side, there are 'Display options' including 'Display only Open Access journals' (unchecked) and 'Counts for 4-year timeframe' (set to 'No minimum selected').

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82



Full length article

# Impact of grape pomace flour (GPF) on immunity and immune-antioxidant-anti-inflammatory genes expression in *Labeo rohita* against *Flavobacterium columnaris*

Ramasamy Harikrishnan <sup>a</sup>  , Gunapathy Devi <sup>b</sup>, Hien Van Doan <sup>c</sup>  , Chellam Balasundaram <sup>e</sup>, María Ángeles Esteban <sup>f</sup>, Mohsen Abdel-Tawwab <sup>g</sup>

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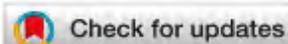
<sup>d</sup> Science and Technology Research Institute, Chiang Mai University, 239 Huay Keaw Rd., Suthep, Muang, Chiang Mai, 50200, Thailand

<sup>e</sup> Department of Herbal and Environmental Science, Tamil University, Thanjavur, 613 005, Tamil Nadu, India

<sup>f</sup> Fish Innate Immune System Group, Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, Regional Campus of International Excellence "Campus Mare Nostrum", 30100, Murcia, Spain

<sup>g</sup> Department of Fish Biology and Ecology, Central Laboratory for Aquaculture Research, Abbassa, Abo-Hammad, Sharqia, Egypt

Received 12 April 2020, Revised 7 November 2020, Accepted 21 January 2021, Available online 27 January 2021.



**Sathis Kumar K.** and **Neelananarayanan P.** 2020.

DNA barcoding of earthworms from lateritic semi evergreen forest of Kolli hill, a part of Eastern Ghats, Tamil Nadu, India. **R. J. Biotech.** 15:16-21.

The screenshot shows the Scopus Sources search interface. At the top, there is a search bar with the text "Title" and "Enter title" and a "Find sources" button. Below the search bar, there is a notification box titled "Improved Citescore" with a close button (X). The main content area shows "1 result" for the source "Research Journal of Biotechnology". The table below displays the source's metrics:

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
Research Journal of Biotechnology	0.8	21% 89/113 Applied Microbiology and Biotechnology	556	729	22

Scopus

The cover page of the journal "Research Journal of Biotechnology" features the following information:

Research Journal of Biotechnology Vol. 15 (11) November (2020)  
Res. J. Biotech

**DNA barcoding of earthworms from lateritic semi evergreen forest of Kolli hill, a part of Eastern Ghats, Tamil Nadu, India**

**Sathis Kumar K.<sup>1\*</sup> and Neelananarayanan P.<sup>2</sup>**

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\*drsathish@vicas.org

Harikrishnan R., Thamizharasan S., **Devi G.**, Van Doan H., Ajith Kumar T.T., Hoseinifar S.H., Balasundaram C. 2020.

Dried lemon peel enriched diet improves antioxidant activity, immune response and modulates immuno-antioxidant genes in *Labeo rohita* against *Aeromonas sorbia*. ***Fish and Shellfish Immunology***. 106.675-684

<https://doi.org/10.1016/j.fsi.2020.07.040>

The screenshot shows the Scopus Preview interface. At the top, there are navigation links for 'Dashboard', 'Author search', and 'Sources'. A search bar is present with the text 'Title' and a 'Find sources' button. Below the search bar, the search results are displayed. A notification banner at the top of the results area states: 'Improved Citescore: We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (ie. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. View CiteScore methodology.' Below this, a 'Filter refine list' section is visible on the left. The main results area shows '1 result' and a table with the following data:

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Fish and Shellfish Immunology	6.5	95% 11/224 Aquatic Science	19,797	3,025	82



Full length article

## Dried lemon peel enriched diet improves antioxidant activity, immune response and modulates immuno-antioxidant genes in *Labeo rohita* against *Aeromonas sorbia*

Ramasamy Harikrishnan <sup>a</sup>, Subramanian Thamizharasan <sup>b</sup>, Gunapathy Devi <sup>c</sup>, Hien Van Doan <sup>d, e</sup> ✉, Thipramalai Thankappan Ajith Kumar <sup>f</sup>, Seyed Hossein Hoseinifar <sup>g</sup>, Chellam Balasundaram <sup>h</sup>

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Received 4 May 2020, Revised 13 July 2020, Accepted 17 July 2020, Available online 25 August 2020.

C. Kanimozhi., V. Ramesh., P. C. Pathania and A. Rameshkumar. 2020.

ISSN: 0256-971X (P)

Butterflies diversity (Lepidoptera: Papilionoidea) in agro-ecosystems of Tiruchirappalli District of Tamil Nadu, India. 41: 15-35.

<https://mbimph.com/index.php/UPJOZ/article/view/1606>

The screenshot shows the 'Web of Science Master Journal List' search interface. The search criteria are set to ISSN 0256-971X, resulting in one exact match: 'UTTAR PRADESH JOURNAL OF ZOOLOGY'. The journal details include the publisher 'UTTAR PRADESH ZOOLOGICAL SOC., 97-B SRIRAMKRUPA, NEW MANDI, P O BOX 296, MUZAFFARNAGAR, INDIA, 00000', ISSN 0256-971X, and additional Web of Science indices: Biological Abstracts, BIOSIS Previews, and Zoological Record. The page also features a sidebar with filters and a 'Refine Your Search Results' section.

The screenshot displays the article page for 'BUTTERFLIES DIVERSITY (LEPIDOPTERA: PAPILIONOIDEA) IN AGRO-ECOSYSTEMS OF TIRUCHIRAPPALLI DISTRICT OF TAMIL NADU, INDIA' in the 'UTTAR PRADESH JOURNAL OF ZOOLOGY'. The page includes a navigation menu with 'Current', 'Archives', 'Indexing', and 'About'. The breadcrumb trail is 'Home / Archives / 2020 - Volume 41 [Issue 10] / Original Research Article'. The article title is prominently displayed. A 'PDF (USD 30)' button is available for purchase. The publication date is 'Aug 11, 2020' and the page range is 'Page: 15-35'. The authors and their affiliations are listed: C. KANIMOZHI (Department of Zoology, Nehru Memorial College, Bharathidasan University, Puthanampatti, 621 007, Tamil Nadu, India), V. RAMESH (Department of Zoology, Nehru Memorial College, Bharathidasan University, Puthanampatti, 621 007, Tamil Nadu, India), P. C. PATHANIA (Zoological Survey of India, M-Block, New Alipore, 700 053, Kolkata, India), and A. RAMESHKUMAR (Zoological Survey of India, M-Block, New Alipore, 700 053, Kolkata, India).

Siva T. and Neelanarayanan P. 2020.

Impact of vehicular traffic on birds in Tiruchirappalli District, Tamil Nadu, India.  
**Journal of Threatened Taxa.** 12: 16352-16356.

**DOI:** <https://doi.org/10.11609/jott.5532.12.10.16352-16356>.

The screenshot shows the Scopus Preview 'Sources' page. At the top, there is a search bar with the text 'Title' and 'Enter title', and a 'Find sources' button. Below the search bar, there are several tags for the search criteria: 'Journal Of Threatened Taxa', '10504648', 'International Journal Of Research In Pharmaceutical Sciences', and several ISSN numbers. On the left side, there is a 'Filter refine list' section with an 'Apply' button and 'Clear filters' link. Below this is the 'Display options' section with several checkboxes: 'Display only Open Access Journals', 'Counts for 4-year timeframe', 'No minimum selected', 'Minimum citations', 'Minimum documents', 'Citescore highest quartile', and 'Show only titles in top 10 percent'. The main content area shows '1 result' and a table with columns: 'Source title', 'CiteScore', 'Highest percentile', 'Citations 2017-20', 'Documents 2017-20', and '% Cited'. The table contains one row for 'Journal of Threatened Taxa - Open Access' with values: CiteScore 0.8, Highest percentile 31% (121/177), Citations 591, Documents 772, and % Cited 39. At the bottom right, there is a watermark for 'Activar Windows'.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Journal of Threatened Taxa - Open Access	0.8	31% 121/177 Nature and Landscape Conservation	591	772	39



# Impact of vehicular traffic on birds in Tiruchirappalli District, Tamil Nadu, India



PDF/A

HTML

Published: Jul 26, 2020

DOI:

<https://doi.org/10.11609/jot.t.5532.12.10.16352-16356>

Keywords:

Bird mortality Common Myna ecological factors roadkill vehicle collision

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## Abstract

Roads have numerous direct and indirect ecological impacts on wildlife. Roads constitute an extensive and integral part of our environment. Collisions with vehicles kill a large number of birds every year. The present study was carried out from January 2016 to December 2016. The data was collected from Nehru Memorial College to Pavithram Lake of Thuraiyur to Namakkal road of Musiri Taluk, Tiruchirappalli District. During this study, we recorded a total of 64 birds belonging to 12 species killed due to vehicular traffic. A maximum of 11 birds were killed in the months of January and October, and a minimum of two bird kills were observed in the months of September and December. Of the 64 birds, the roadside mortality was observed to the tune of 25%, 20.3%, 14%, 12.5%, 10.9%, 4.6%, and 4.6% for Southern Coucal *Centropus parroti*, Common Myna *Acridotheres tristis*, House Crow *Corvus splendens*, Spotted Owllet *Athene brama*, Indian Jungle Crow *Corvus culminatus*, Yellow-billed Babbler *Turdoides affinis*, and Large Grey Babbler *Turdoides malcolmi*. Other birds such as Asian Koel *Eudynamys scolopaceus*, Indian Roller *Coracias benghalensis*, Shikra *Accipiter badius*, White-breasted Waterhen *Amaurornis phoenicurus*, and White-browed Bulbul *Pycnonotus luteolus* accounted for 1.5% mortality. Suggestive measures to prevent wildlife loss due to vehicular traffic are presented in this communication.

# Theoretical studies of group 10 metal gallylene complexes [TM(CO)<sub>3</sub>(GaX)]

doi.org/10.1016/j.comptc.2020.113139



Computational and Theoretical Chemistry

Volume 1197, March 2021, 113139



## Theoretical studies of group 10 metal gallylene complexes [TM(CO)<sub>3</sub>(GaX)]

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Received 2 October 2020, Revised 26 December 2020, Accepted 27 December 2020, Available online 31 December 2020.

### Scopus

The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Title: Computational And Theoretical Chemistry'. Below the search bar, there are filter and display options. The search results table shows one result for 'Computational and Theoretical Chemistry' with a CiteScore of 3.2, a highest percentile of 54%, 3,267 citations, 1,007 documents, and 71% cited.

Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Computational and Theoretical Chemistry	3.2	54% 187/411 Condensed Matter Physics	3,267	1,007	71

# Correction to: Coordination of indium monohalide with group-10 metal carbonyls [TM(CO)<sub>3</sub>(InX)]: a DFT study (Chemical Papers, (2021),

doi.org/10.1007/s11696-020-01319-7



Correction | Published: 25 August 2020

## Correction to: Coordination of indium monohalide with group-10 metal carbonyls [TM(CO)<sub>3</sub>(InX)]: a DFT study

Paularokiadoss Francis, Sekar Alagan & Christopher Jeyakumar Thayalraj

*Chemical Papers* **75**, 837 (2021) | [Cite this article](#)

226 Accesses | 1 Citations | [Metrics](#)

The [Original Article](#) was published on 07 August 2020

Correction to: *Chemical Papers* <https://doi.org/10.1007/s11696-020-01297-w>

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**PG and Research Department of Chemistry, The American College (Autonomous), Madurai, India**

Christopher Jeyakumar Thayalraj

## Scopus



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1 result

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All  Export to Excel  Save to source list

View metrics for year: 2020

	Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
<input type="checkbox"/> 1	Chemical Papers	2.7	60% 133/336 Industrial and Manufacturing Engineering	3,317	1,210	70

# Structural, cytotoxicity and molecular docking studies of some quinoline schiff bases and their Pd(II), Mn(II) and Ru(II) complexes

doi.org/10.1016/j.molstruc.2020.128778



Journal of Molecular Structure

Volume 1221, 5 December 2020, 128778



## Structural, cytotoxicity and molecular docking studies of some quinoline schiff bases and their Pd(II), Mn(II) and Ru(II) complexes

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<sup>c</sup> Department of Zoology, Fatima College Madurai, Tamil Nadu, 625001, India

Received 19 February 2020, Revised 23 June 2020, Accepted 25 June 2020, Available online 29 June 2020.

### Scopus



Author search Sources



Create account

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### Sources

Title  Enter title

Find sources

Title: Journal Of Molecular Structure x

#### Filter refine list

Apply Clear filters

#### Display options

Display only Open Access Journals

Counts for 4-year timeframe

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1 Journal of Molecular Structure	4.6	70% 21/69 Inorganic Chemistry	27,235	5,905	77

# Effects on anti-inflammatory, DNA binding and molecular docking properties of 2-chloroquinolin-3-yl-methylene-pyridine/pyrazole derivatives and their palladium(II)

doi.org/10.1016/j.bmcl.2020.127593



Bioorganic & Medicinal Chemistry Letters

Volume 30, Issue 21, 1 November 2020, 127593



## Effects on anti-inflammatory, DNA binding and molecular docking properties of 2-chloroquinolin-3-yl-methylene-pyridine/pyrazole derivatives and their palladium(II) complexes

S. Bhuvaneswari <sup>a, c</sup>, M. Umadevi <sup>a</sup> , R. Vanajothi <sup>b</sup>

<sup>a</sup> PG Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University, Tiruchirappalli), Puthanampatti, Tiruchirappalli, Tamil Nadu, India

<sup>b</sup> Department of Zoology, Fatima College, Madurai, Tamil Nadu 625001, India

<sup>c</sup> Department of Chemistry, CIT Sandwich Polytechnical Education, Tamil Nadu 641 014, India

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Source title ↓	CiteScore ↓	Highest percentile ↓	Citations 2017-20 ↓	Documents 2017-20 ↓	% Cited ↓
1 Bioorganic and Medicinal Chemistry Letters	5.0	74% 43/166 Pharmaceutical Science	14,734	2,934	80

# In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2

DOI: 10.1016/j.jiph.2020.09.002

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> *J Infect Public Health*. 2020 Nov;13(11):1671-1677. doi: 10.1016/j.jiph.2020.09.002.  
Epub 2020 Sep 21.

## In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2

Sathish Kumar Chidambaram<sup>1</sup>, Daoud Ali<sup>2</sup>, Saud Alarifi<sup>2</sup>, Surendrakumar Radhakrishnan<sup>1</sup>, Idhayadhulla Akbar<sup>3</sup>

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### Affiliations

- 1 Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti, 621007, Tiruchirappalli District, Tamil Nadu, India.
- 2 Department of Zoology, College of Sciences, King Saud University (KSU), P.O. Box 2455, Riyadh, 11451, Saudi Arabia.
- 3 Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti, 621007, Tiruchirappalli District, Tamil Nadu, India. Electronic address: idhayadhulla@nmc.ac.in.

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<input type="checkbox"/> 1	<a href="#">Journal of Infection and Public Health</a> Open Access	4.9	84% 84/526	3,720	761	74

Public Health, Environmental and Occupational Health

# Antimicrobial and cytotoxic activities of isoniazid connected menthone derivatives and their investigation of clinical pathogens causing infectious disease

DOI number: <https://doi.org/10.1016/j.jiph.2020.12.033>



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Outline

- Abstract
- Keywords
- Introduction
- Materials and methods
- Results and discussion
- Conclusion
- Funding
- Competing interests
- Ethical approval
- Acknowledgement
- Appendix A. Supplementary data
- References

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Journal of Infection and Public Health  
Volume 14, Issue 4, April 2021, Pages 533-542

## Antimicrobial and cytotoxic activities of isoniazid connected menthone derivatives and their investigation of clinical pathogens causing infectious disease

Fatimah S. Al-Khattaf<sup>a</sup>, Arunadevi Mani<sup>b</sup>, Ashraf Atef Hatamleh<sup>a</sup>, Idhayadhulla Akbar<sup>b</sup>

<sup>a</sup> Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia  
<sup>b</sup> Research Department of Chemistry, Nehru Memorial College (Affiliated with the Bharathidasan University), Puthanampatti-621007, Tiruchirappalli District, Tamil Nadu, India

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Title: Journal Of Infection And Public Health x

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Journal of Infection and Public Health Open Access	4.9	84% 84/526	3,720	761	74

# Synthesis and Characterization of A minophosphate Containing Chitosan Polymer Derivatives: Investigations of Cytotoxic Activity and in Silico Study of SARS-CoV-19

[doi.org/10.3390/polym13071046](https://doi.org/10.3390/polym13071046)

The screenshot shows the MDPI journal article page. The header includes the MDPI logo, navigation links (25th Anniversary, Journals, Information, Author Services, Initiatives, About), and a search bar. The article title is "Synthesis and Characterization of Aminophosphate Containing Chitosan Polymer Derivatives: Investigations of Cytotoxic Activity and in Silico Study of SARS-CoV-19". The authors listed are Ponnusamy Paikialakshmi, Penmal Gobinath, Daoud Ali, Saud Alarifi, Norah Salem Alsalari, Akbar Idhayadhulla, and Radhakrishnan Surendrakumar. The article is published in Polymers, 2021, 13(7), 1046. The page includes an article menu on the left with options like Abstract, Supplementary Material, and Open Access and Permissions. At the bottom, there are buttons for "View Full-Text", "Download PDF", "Browse Figures", and "Citation Export".

## Scopus

The screenshot shows the Scopus Source details page for the journal "Polymers". The page includes the Scopus logo and navigation links (Author search, Sources, Create account, Sign in). The source details are as follows:

- Source: Polymers
- Open Access: Yes
- Scopus coverage years: from 2009 to Present
- Publisher: Multidisciplinary Digital Publishing Institute (MDPI)
- E-ISSN: 2073-4360
- Subject area: Materials Science: Polymers and Plastics, Chemistry: General Chemistry
- Source type: Journal

Key metrics displayed on the right side of the page:

- CiteScore 2020: 4.7
- SJR 2020: 0.770
- SNIP 2020: 1.200

At the bottom, there are links for "CiteScore", "CiteScore rank & trend", and "Scopus content coverage".

# Green catalyst Cu(II)-enzyme-mediated eco-friendly synthesis of 2-pyrimidinamines as potential larvicides against *Culex quinquefasciatus* mosquito and toxicity investigation against non-target aquatic species

DOI: [10.1016/j.bioorg.2021.104697](https://doi.org/10.1016/j.bioorg.2021.104697)



The image shows the PubMed.gov search interface. At the top left is the NIH logo and the text "National Library of Medicine National Center for Biotechnology Information". To the right is a "Log in" button. Below this is the PubMed.gov logo and a search bar containing "Search PubMed". To the right of the search bar is a "Search" button. Below the search bar are links for "Advanced" and "User Guide". At the bottom of the interface are buttons for "Save", "Email", "Send to", and "Display options".

> Bioorg Chem. 2021 Apr;109:104697. doi: 10.1016/j.bioorg.2021.104697. Epub 2021 Feb 8.

## Green catalyst Cu(II)-enzyme-mediated eco-friendly synthesis of 2-pyrimidinamines as potential larvicides against *Culex quinquefasciatus* mosquito and toxicity investigation against non-target aquatic species

SathishKumar Chidambaram<sup>1</sup>, Ashraf Abdel-Fattah Mostafa<sup>2</sup>, Abdulaziz Abdulrahman Al-Askar<sup>3</sup>, Shaban R M Sayed<sup>4</sup>, SurendraKumar Radhakrishnan<sup>1</sup>, Idhayadhulla Akbar<sup>5</sup>

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- 1 Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti 621007, Tiruchirappalli District, Tamil Nadu, India.
- 2 Botany and Microbiology Dept., Collage of Science, King Saud University, Riyadh, Saudi Arabia; National Institute of Oceanography and Fisheries, Al-Kanater Fish Research Station, Egypt.
- 3 Botany and Microbiology Dept., Collage of Science, King Saud University, Riyadh, Saudi Arabia.
- 4 Electron Microscope Unit, Central Lab., College of Science, King Saud University, Saudi Arabia.
- 5 Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti 621007, Tiruchirappalli District, Tamil Nadu, India. Electronic address: a.idhayadhulla@gmail.com.

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# Grindstone Chemistry: Design, One-Pot Synthesis, and Promising Anticancer Activity of Spiro[acridine-9,2'-indoline]-1,3,8-trione Derivatives against the MCF-7 Cancer Cell Line

doi.org/10.3390/molecules25245862

The screenshot shows the article page for "Grindstone Chemistry: Design, One-Pot Synthesis, and Promising Anticancer Activity of Spiro[acridine-9,2'-indoline]-1,3,8-trione Derivatives against the MCF-7 Cancer Cell Line" on the Molecules journal website. The page includes a sidebar with navigation options like "Submit to the Journal", "Review for this Journal", and "Article Menu". The main content area displays the article title, authors (Perumal Gobinath, Ponnusamy Padikathakshmi, Ali Dawud, Saud Alzahr, Akbar Idhayadulla, and Surendrakumar Radhakrishnan), their affiliations, and publication details (Molecules 2020, 25(24), 5862). It also features buttons for "View Full-Text", "Download PDF", "Browse Figures", and "Citation Export".

## Scopus

The screenshot shows the Scopus Sources page. A search for "Molecules" has been performed, resulting in one source. The source is "Molecules Open Access" with a CiteScore of 4.7, a highest percentile of 76%, 77,995 citations in 2017-20, 16,512 documents in 2017-20, and 71% cited in 2020. The page also includes a "Filter refine list" section and a "Display options" section.

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[View CiteScore methodology](#)

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited 2020
Molecules Open Access	4.7	76% 9/33 Chemistry (miscellaneous)	77,995	16,512	71

# Synthesis of novel coumarin analogues: Investigation of molecular docking interaction of SARS-CoV-2 proteins with natural and synthetic coumarin analogues and their pharmacokinetics studies

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> Saudi J Biol Sci. 2021 Jan;28(1):1100-1108. doi: 10.1016/j.sjbs.2020.11.038. Epub 2020 Nov 12.

## Synthesis of novel coumarin analogues: Investigation of molecular docking interaction of SARS-CoV-2 proteins with natural and synthetic coumarin analogues and their pharmacokinetics studies

Sathishkumar Chidambaram<sup>1</sup>, Mohamed A El-Sheikh<sup>2</sup>, Ahmed H Alfarhan<sup>2</sup>, Surendrakumar Radhakrishnan<sup>1</sup>, Idhayadhulla Akbar<sup>1</sup>

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PMID: 33199969 PMCID: PMC7658563 DOI: 10.1016/j.sjbs.2020.11.038  
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Saudi Journal of Biological Sciences  
Volume 28, Issue 1, January 2021, Pages 1100-1108

Original article  
**Synthesis of novel coumarin analogues: Investigation of molecular docking interaction of SARS-CoV-2 proteins with natural and synthetic coumarin analogues and their pharmacokinetics studies**

Sathishkumar Chidambaram<sup>a</sup>, Mohamed A. El-Sheikh<sup>b</sup>, Ahmed H. Alfarhan<sup>b</sup>, Surendrakumar Radhakrishnan<sup>a</sup>, Idhayadhulla Akbar<sup>a, \* R. ID</sup>

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Article Metrics

# Tel-Cu-NPs catalyst: Synthesis of naphtho[2,3-g]phthalazine derivatives as potential inhibitors of tyrosinase enzymes and their investigation in kinetic, molecular docking, and cytotoxicity studies

doi.org/10.3390/catal10121442

The screenshot shows the article page for 'Tel-Cu-NPs Catalyst: Synthesis of Naphtho[2,3-g]phthalazine Derivatives as Potential Inhibitors of Tyrosinase Enzymes and Their Investigation in Kinetic, Molecular Docking, and Cytotoxicity Studies'. The page includes a sidebar with 'Article Menu' options like Abstract, Supplementary Material, and Open Access and Permissions. The main content area displays the article title, authors (Keerthana Selvaraj, Ali Daoud, Saud Alarifi, and Akbar Idhayadhulla), their affiliations, and publication details (Catalysts 2020, 10(12), 1442). It also features buttons for 'View Full-Text', 'Download PDF', 'Browse Figures', and 'Citation Export'.

## Scopus

The screenshot shows the Scopus Sources page for the article. It displays a search bar with the title 'Catalysts' and a 'Find sources' button. A notification box indicates an 'Improved Citescore' methodology update. Below, a table shows one search result for 'Catalysts Open Access' with a CiteScore of 4.5, a highest percentile of 64%, 15,985 citations, 3,514 documents, and 70% cited in 2020. The table also includes options for 'Display options' and 'Filter refine list'.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1. Catalysts Open Access	4.5	64% 61/169 Physical and Theoretical Chemistry	15,985	3,514	70

# Larvicidal activity of novel anthraquinone analogues and their molecular docking studies

[doi.org/10.1016/j.sjbs.2020.09.028](https://doi.org/10.1016/j.sjbs.2020.09.028)

The screenshot shows the ScienceDirect article page. The article title is "Larvicidal activity of novel anthraquinone analogues and their molecular docking studies" from the Saudi Journal of Biological Sciences, Volume 28, Issue 1, January 2020, Pages 157-167. The authors listed are Kaemthana Saranya K., Daoud Ali F., Saud Alarif F., Sathish Kumar Chidambaram K., Surendrakumar Radhakrishnan K., and Ishayadhulla Akbar F. A. The article includes an abstract, keywords, introduction, materials and methods, results and discussion, conclusion, and references. It also features a "Download PDF" button and a "Download full issue" button. The page is part of a journal issue, with navigation options for "1 2 Next".

## Scopus

The screenshot shows the Scopus Sources page for "Saudi Journal Of Biological Sciences". The page displays the journal's CiteScore, which is 5.3, and its highest percentile, which is 90%. The journal is categorized under "General Agricultural and Biological Sciences". The page also shows the number of citations (6,941) and documents (1,317) for the journal. The Scopus logo and "Scopus Preview" text are visible at the top left. The page includes a search bar, a "Find sources" button, and a "Filter refine list" section. A notification box at the top states: "Improved CiteScore: We have updated the CiteScore methodology to ensure a more robust, stable and comprehensive metric which provides an indication of research impact, earlier. The updated methodology will be applied to the calculation of CiteScore, as well as retroactively for all previous CiteScore years (i.e. 2018, 2017, 2016...). The previous CiteScore values have been removed and are no longer available. View CiteScore methodology." The "1 result" section shows the journal's details, including its CiteScore, highest percentile, citations, documents, and % Cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Saudi Journal of Biological Sciences Open Access	5.3	90% 20/209	6,941	1,317	70

# Antimicrobial activity of novel 5-benzylidene-3-(3-phenylallylideneamino)imidazolidine-2,4-dione derivatives causing clinical pathogens: Synthesis and molecular docking studies

doi.org/10.3390/polym13071046

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J Infect Public Health. 2020 Dec;13(12):1951-1960. doi: 10.1016/j.jiph.2020.09.017. Epub 2020 Oct 21.

## Antimicrobial activity of novel 5-benzylidene-3-(3-phenylallylideneamino)imidazolidine-2,4-dione derivatives causing clinical pathogens: Synthesis and molecular docking studies

Daoud Ali<sup>1</sup>, Saud Alarifi<sup>1</sup>, Sathish Kumar Chidambaram<sup>2</sup>, Surendra Kumar Radhakrishnan<sup>2</sup>, Idhayadhulla Akbar<sup>3</sup>

Affiliations — collapse

### Affiliations

- 1 Department of Zoology, College of Sciences, King Saud University (KSU), P.O. Box 2455, Riyadh 11451, Saudi Arabia.
- 2 Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti - 621007, Tiruchirappalli District, Tamil Nadu, India.
- 3 Research Department of Chemistry, Nehru Memorial College (Affiliated to Bharathidasan University), Puthanampatti - 621007, Tiruchirappalli District, Tamil Nadu, India. Electronic address: a.idhayadhulla@gmail.com.

PMID: 33289644 DOI: 10.1016/j.jiph.2020.09.017

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
Journal of Infection and Public Health Open Access	4.9	84% 84/526 Public Health, Environmental and Occupational Health	3,720	761	74

# Dopamine-mediated vanillin multicomponent derivative synthesis via grindstone method: Application of antioxidant, anti-tyrosinase, and cytotoxic activities

doi.org/10.3390/polym13071046

The screenshot shows the article page on Dovepress. The header includes the Dovepress logo and a search bar. The navigation menu contains: Home, Journals, Why publish with us?, Editorial Policies, Author Information, Peer Review Guidelines, Open Outlook, and COVID-19. The article title is "Dopamine-Mediated Vanillin Multicomponent Derivative Synthesis via Grindstone Method: Application of Antioxidant, Anti-Tyrosinase, and Cytotoxic Activities". The authors are Arunadevi Mani, Anis Ahamed, Daoud Ali, Saud Alarifi, and Idhayadhulla Akbar. The article was received on 23 October 2020 and published on 23 February 2021. The journal is "Drug Design, Development and Therapy", Volume 15, Pages 787-802. The article has a CiteScore of 5.6 and 73 citations. The page also features average article statistics: 20 days from submission to first editorial decision, 14 days from editorial acceptance to publication, and a 77% rejection rate. There are 65721 papers published. Buttons for "Submit New Manuscript" and "Login to view existing manuscript status" are present.

## Scopus

The screenshot shows the Scopus Sources page. The search criteria are "Drug Design" and "Development And Therapy". The search results show one source: "Drug Design, Development and Therapy Open Access". The source has a CiteScore of 5.6, a highest percentile of 76% (39/166), 8,499 citations in 2017-20, 1,526 documents in 2017-20, and 73% cited in 2020. The page also includes a filter refine list, display options, and a notification about the improved CiteScore methodology.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited 2020
Drug Design, Development and Therapy Open Access	5.6	76% 39/166 Pharmaceutical Science	8,499	1,526	73

# NICKEL (II) COMPLEXES SYNTHESIS, CHARACTERIZATION AND ITS LARVICIDAL, AND ANTIFEEDANT ACTIVITIES

Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 3, 2021, Pages. 7431 - 7442

Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 3, 2021, Pages. 7431 - 7442  
Received 16 February 2021; Accepted 08 March 2021.

## Nickel (II) Complexes Synthesis, Characterization and its Larvicidal, and Antifeedant Activities

K. Govindarajan<sup>1</sup>, M. Ramesh<sup>1\*</sup>

<sup>1\*</sup>Research Department of chemistry, Nehru Memorial college (Autonomous), (Affiliated to Bharathidasan University), Puthanampatti - 621007, Tamil Nadu, South India.

\*Corresponding E.mail id: [drrameshnmc@gmail.com](mailto:drrameshnmc@gmail.com)

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Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Annals of the Romanian Society for Cell Biology	0.6	5% 160/169 Physiology	26	44	43
2 Journal of Natural Remedies Open Access	0.6	17% 246/297 Pharmacology	51	87	34

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# Synergetic effect of Sn doped ZnO nanoparticles synthesized via ultrasonication technique and its photocatalytic and antibacterial activity

[doi.org/10.1016/j.envres.2021.111115](https://doi.org/10.1016/j.envres.2021.111115)



Environmental Research

Volume 197, June 2021, 111115



## Synergetic effect of Sn doped ZnO nanoparticles synthesized via ultrasonication technique and its photocatalytic and antibacterial activity

Steplinpaulselvin Selvinsimpson <sup>a</sup>, P. Gnanamozi <sup>b</sup>, V. Pandiyan <sup>b</sup>, Mani Govindasamy <sup>c</sup>, Mohamed A. Habila <sup>c</sup>, Najla AlMasoud <sup>d</sup>, Yong Chen <sup>a</sup>

- <sup>a</sup> School of Environmental Science and Engineering, Huazhong University of Science and Technology, Wuhan, China
- <sup>b</sup> PG and Research Department of Physics, Nehru Memorial College, Tiruchirappalli, 620017, Tamil Nadu, India
- <sup>c</sup> Advanced Materials Research Chair Chemistry Department, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia
- <sup>d</sup> Department of Chemistry, College of Science, Princess Nourah Bint Abdulrahman University, Riyadh, 11671, Saudi Arabia

Received 13 January 2021, Revised 2 March 2021, Accepted 29 March 2021, Available online 1 April 2021.

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1	Environmental Research	7.9	90% 21/220 General Environmental Science	22,617	2,870	78

# Costus speciosus koen leaf extract assisted cs-znx ( $X = O$ or $S$ ) nanomaterials: Synthesis, characterization and photocatalytic degradation of rr 120 dye under uv and direct sunlight

[doi.org/10.1016/j.molstruc.2020.129176](https://doi.org/10.1016/j.molstruc.2020.129176)



Journal of Molecular Structure

Volume 1225, 5 February 2021, 129176



## Costus speciosus koen leaf extract assisted cs-znx ( $X = O$ or $S$ ) nanomaterials: Synthesis, characterization and photocatalytic degradation of rr 120 dye under uv and direct sunlight

S. Ravikumar <sup>a</sup>, V. Pandiyan <sup>a</sup>, Manawwer Alam <sup>c</sup>, Naushad Ahmad <sup>c</sup>, V. Nithya <sup>d</sup>, Balu Krishnakumar <sup>b</sup>, Abilio J.F.N. Sobral <sup>b</sup>

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Received 21 June 2020, Revised 28 August 2020, Accepted 29 August 2020, Available online 7 September

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# Excess thermodynamic properties and FTIR studies of binary of 1, 3-dichlorobenzene with alkyl acetates (C1–C5) at different temperatures

[doi.org/10.1016/j.cdc.2020.100504](https://doi.org/10.1016/j.cdc.2020.100504)



Chemical Data Collections

Volume 29, October 2020, 100504



## Excess thermodynamic properties and FTIR studies of binary of 1, 3-dichlorobenzene with alkyl acetates (C1–C5) at different temperatures

R. Raju <sup>a</sup>, S. Ravikumar <sup>a</sup>, R. Gerald Arokiaraj <sup>a</sup>, [S. Karlapudi](#) <sup>b</sup>, K. Sivakumar <sup>c</sup>, V. Pandiyan <sup>a</sup>

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Received 13 May 2020, Revised 5 July 2020, Accepted 4 August 2020, Available online 6 August 2020.

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# Influence of Nickel concentration on the photocatalytic dye degradation (methylene blue and reactive red 120) and antibacterial activity of ZnO nanoparticles

[doi.org/10.1016/j.ceramint.2020.05.054](https://doi.org/10.1016/j.ceramint.2020.05.054)



Ceramics International  
Volume 46, Issue 11, Part A, 1 August 2020, Pages 18322-18330



## Influence of Nickel concentration on the photocatalytic dye degradation (methylene blue and reactive red 120) and antibacterial activity of ZnO nanoparticles

P. Gnanamozi <sup>a</sup>, Vengudusamy Renganathan <sup>b</sup>, Shen-Ming Chen <sup>b</sup> , V. Pandiyan <sup>a</sup>, M. Antony Arockiaraj <sup>c</sup>, Naiyf S. Alharbi <sup>d</sup>, Shine Kadaikunnan <sup>d</sup>, Jamal M. Khaled <sup>d</sup>, Khalid F. Alanzi <sup>d</sup>

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- <sup>c</sup> Department of Physics, St. Joseph's College, Affiliated to Bharathidasan University, Trichirappalli, 620002, Tamil Nadu, India
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Received 31 March 2020, Revised 4 May 2020, Accepted 4 May 2020, Available online 11 May 2020.

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# Enhanced antibacterial and photocatalytic degradation of reactive red 120 using lead substituted ZnO nanoparticles prepared by ultrasonic-assisted co-precipitation method

[doi.org/10.1016/j.ceramint.2020.05.020](https://doi.org/10.1016/j.ceramint.2020.05.020)



Ceramics International

Volume 46, Issue 11, Part B, 1 August 2020, Pages 19593-19599



## Enhanced antibacterial and photocatalytic degradation of reactive red 120 using lead substituted ZnO nanoparticles prepared by ultrasonic-assisted co-precipitation method

P. Gnanamozhi <sup>a, 1</sup>  , G. Rajivgandhi <sup>b, 1</sup>, Naiyf S. Alharbi <sup>c</sup>, Shine Kadaikunnan <sup>c</sup>, Jamal M. Khaled <sup>c</sup>  , Taghreed N. Almanaa <sup>c</sup>, V. Pandiyan <sup>a</sup>, Wen-Jun Li <sup>b, d</sup>

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- <sup>c</sup> Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, 11451,

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# Synthesis, characterization of porphyrin and CdS modified spherical shaped SiO<sub>2</sub> for Reactive Red 120 degradation under direct sunlight

[doi.org/10.1016/j.molstruc.2020.128021](https://doi.org/10.1016/j.molstruc.2020.128021)



Journal of Molecular Structure

Volume 1210, 15 June 2020, 128021



## Synthesis, characterization of porphyrin and CdS modified spherical shaped SiO<sub>2</sub> for Reactive Red 120 degradation under direct sunlight

Balu Krishnakumar <sup>a</sup>, S. Ravikumar <sup>b</sup>, V. Pandiyan <sup>b</sup>, V. Nithya <sup>c</sup>, S. Sylvestre <sup>f</sup>, P. Sivakumar <sup>e</sup>, C. Surya <sup>d</sup>, N. Agnel Arul John <sup>d</sup>, Abilio J.F.N. Sobral <sup>a</sup>

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# Antifungal susceptibility and virulence profile of candida isolates from abnormal vaginal discharge of women from southern India

DOI: [10.1016/j.ejogrb.2020.09.021](https://doi.org/10.1016/j.ejogrb.2020.09.021)

The screenshot shows the PubMed interface for the article. The title is "Antifungal susceptibility and virulence profile of candida isolates from abnormal vaginal discharge of women from southern India". The authors listed are Arumugam Ganeshkumar, Prabhakaran Nagarajan, Pramila Mahalingam, Saranya Balasubramanian, Priya Aarthy Archunan, Archunan Govindaraju, and Rajendran Rajaram. The journal is "Eur J Obstet Gynecol Reprod Biol", published in 2020. The page includes a search bar, navigation buttons like "Save", "Email", and "Send to", and a list of actions such as "Cite" and "Favorites".

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- 5 Department of Obstetrics and Gynaecology, R.N.T Medical College, Udaipur, India.
- 6 Centre for Pheromone Technology, Department of Animal Sciences, Bharathidasan University, Tiruchirapalli, India.
- 7 DNA Barcoding and Marine Genomics Laboratory, Department of Marine Sciences, Bharathidasan University, Tiruchirapalli, India. Electronic address: [drrajaram69@rediffmail.com](mailto:drrajaram69@rediffmail.com).

## Scopus

The screenshot shows the Scopus Sources page. The source title is "European Journal Of Obstetrics And Gynecology And Reproductive Biology: X". The page displays a table with the following data:

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1 European Journal of Obstetrics and Gynecology and Reproductive Biology: X Open Access	1.1	36% 112/176 Obstetrics and Gynecology	97	91	56

The page also includes filter options, display options, and a "Filter refine list" section.

# Comparative investigation on antimicrobial and phytochemical profiling of *Cyclea peltata* and *Tiliocora acuminata*

DOI: 10.7324/JABB.2020.803011

Journal of Applied Biology & Biotechnology Vol. 8(03), pp. 57-63, May-June, 2020  
Available online at <http://www.jabonline.in>  
DOI: 10.7324/JABB.2020.803011



## Comparative investigation on antimicrobial and phytochemical profiling of *Cyclea peltata* and *Tiliocora acuminata*

Maniarasan Uthirapathi<sup>1</sup>, Keerthiga Manohar<sup>2\*</sup>, Nagarajan Nalliah<sup>1</sup>

<sup>1</sup>PG and Research Department of Botany and biotechnology, Nehru Memorial College, Trichy, India.

<sup>2</sup>Department of Ancient Science, Tamil University, Thanjavur, India.

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The screenshot shows the Scopus search interface. At the top, there is a search bar with the text 'Title: Journal Of Applied Biology And Biotechnology'. Below the search bar, there is a 'Filter refine list' section with 'Apply' and 'Clear filters' buttons. To the right of the search bar, there are links for 'Author search', 'Sources', 'Create account', and 'Sign in'. Below the search bar, there is a 'Sources' section with a 'Find sources' button. The search results are displayed in a table with the following columns: Source title, CiteScore, Highest percentile, Citations 2017-20, Documents 2017-20, and % Cited. The table shows one result: 'Journal of Applied Biology and Biotechnology' with a CiteScore of 0.5, a Highest percentile of 17% (257/310 Food Science), 95 Citations, 183 Documents, and 28 % Cited.

Source title	CiteScore	Highest percentile	Citations 2017-20	Documents 2017-20	% Cited
1 Journal of Applied Biology and Biotechnology	0.5	17% 257/310 Food Science	95	183	28

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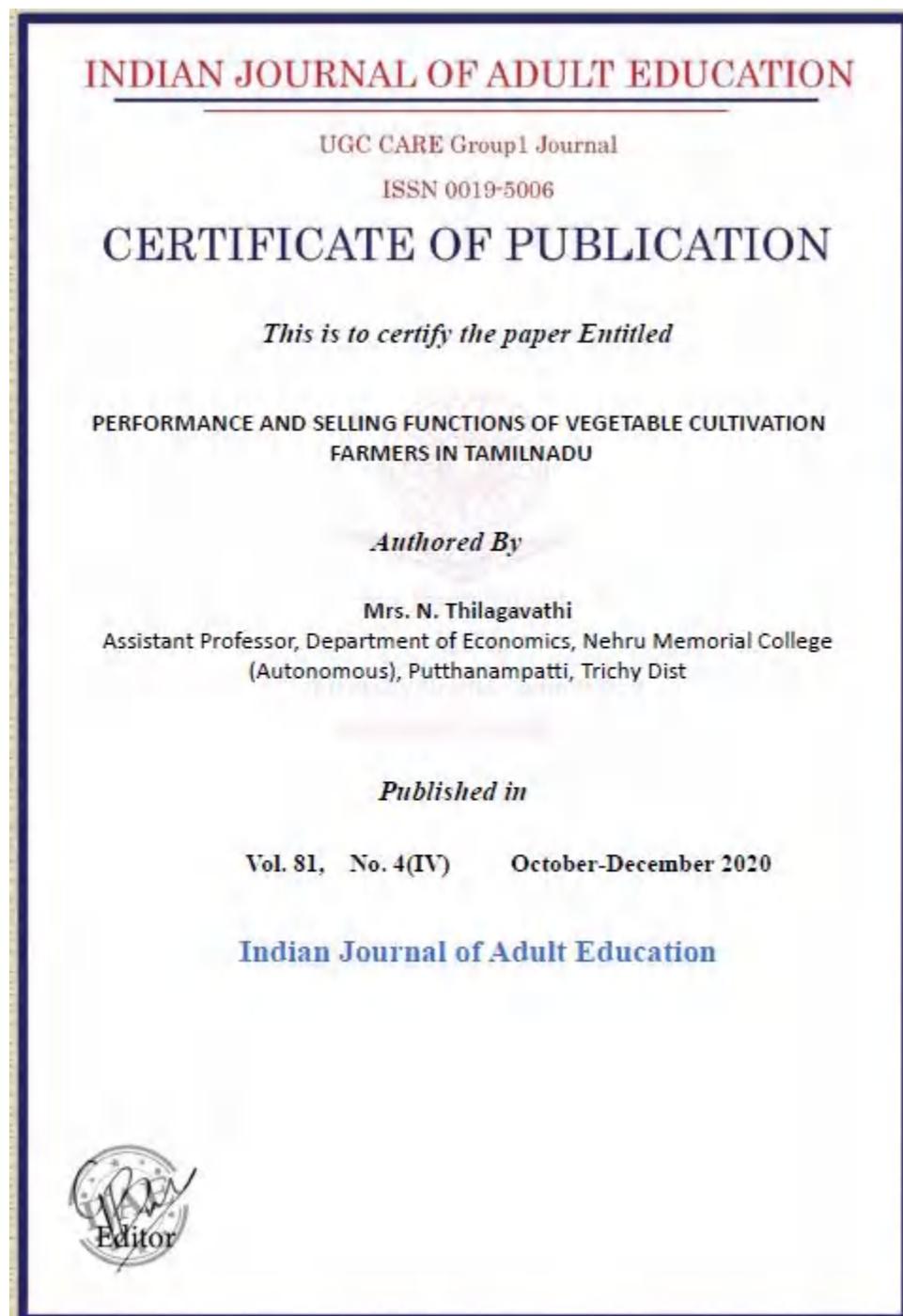
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**PERFORMANCE AND SELLING FUNCTIONS OF VEGETABLE CULTIVATION  
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(Autonomous), Putthanampatti, Trichy Dist.

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# **A STUDY OF STRESS AND JOB SATISFACTION OF DUAL CAREER TEACHER COUPLES OF TAMILNADU**

ISSN : 0025-0422

Journal of the Maharaja Sayajirao University of Baroda  
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## **A STUDY OF STRESS AND JOB SATISFACTION OF DUAL CAREER TEACHER COUPLES OF TAMILNADU**

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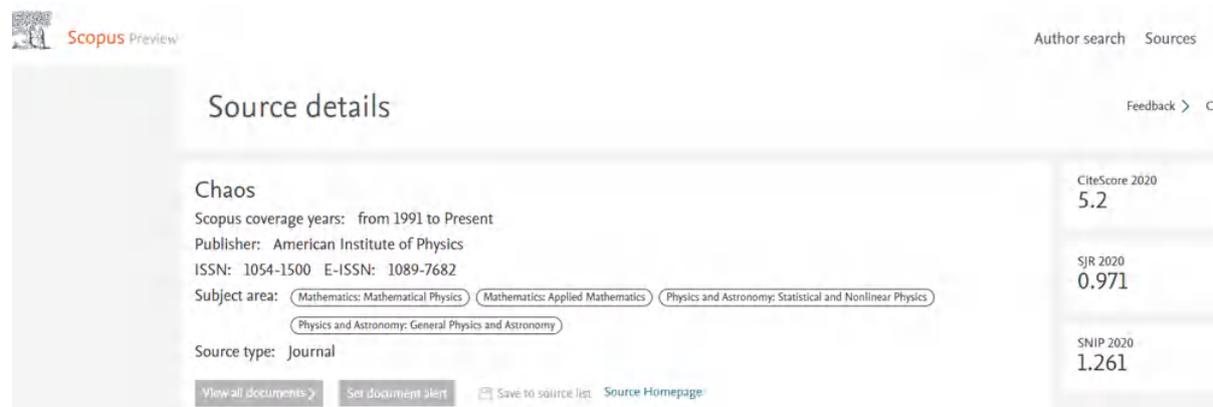
# Realization of all logic gates and memory latch in the SC-CNN cell of the simple nonlinear MLC circuit

doi.org/10.1063/5.0046968



The screenshot shows the article page for "Realization of all logic gates and memory latch in the SC-CNN cell of the simple nonlinear MLC circuit" in the journal "Chaos: An Interdisciplinary Journal of Nonlinear Science". The page includes the journal logo, navigation links (HOME, BROWSE, INFO, FOR AUTHORS, COLLECTIONS), a "SIGN UP FOR ALERTS" button, and a "SUBMIT YOUR ARTICLE" button. The article title is prominently displayed, along with the issue information (Chaos 31, 063119 (2021)) and the DOI link. The authors listed are P. Ashokkumar, M. Sathish Aravindh, A. Venkatesan, and M. Lakshmanan.

Scopus



The screenshot shows the "Source details" page for "Chaos" on Scopus. The page provides the following information: Scopus coverage years from 1991 to Present; Publisher: American Institute of Physics; ISSN: 1054-1500, E-ISSN: 1089-7682; Subject areas: Mathematics: Mathematical Physics, Mathematics: Applied Mathematics, Physics and Astronomy: Statistical and Nonlinear Physics, and Physics and Astronomy: General Physics and Astronomy; Source type: Journal. On the right side, the Scopus metrics are listed: CiteScore 2020 (5.2), SJR 2020 (0.971), and SNIP 2020 (1.261). At the bottom, there are buttons for "View all documents", "Set document alert", "Save to source list", and "Source Homepage".