3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the last five years (15)

3.4.5.1: Number of research papers in the Journals notified on UGC website during the last five years

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
							Link to website of the Journal	Link to article/paper /abstra	Is it listed in UGC Care list/Scopus/Web of Science /other, mention
1	Analysis of Stochastic Predator-Prey Model with Disease in the Prey and Holling Type II Functional Response	Gokila C., Sambath M., Balachandran K., Ma Y.-K.	Mathematics	Advances in Mathematical Physics	2020	16879120	https://www.inderscienceonline.com/	https://www.hindawi.com/jo	Scopus
2	A study on fuzzy equitable edge coloring of wheel related graphs	Sivaraman K., Vikrama Prasad R.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus
3	Fuzzy equitable edge coloring of some simple graphs	Sivaraman K., Prasad R.V.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus
4	Some results for equitable edge coloring of some cycle and silicate related graphs	Sivaraman K., Vikrama Prasad R.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus
5	Oscillation criteria for second order advanced type nonlinear neutral difference equations	Nithyakala G., Ayyappan G.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus
6	Survey on incorporating fractional derivatives in image denoising	Abirami A., Prakash P.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus
7	Algorithms for equitable edge coloring of cyclic silicate network graphs	Sivaraman K., Vikrama Prasad R.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus
8	A study on intersection of two intuitionistic q-fuzzy soft subhemiring of a hemiring using homomorphism and anti-homomorphism	Venkatesan J., Anitha N.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.	Scopus

9	Radio analytic mean d-distance labeling of some basic graphs	Poomalai P., Vikramaprasad R., Malliga P.	Mathematics	Advances in Mathematics: Scientific Journal	2020	18578365	https://journals.indexcopernicus.com/search/details?id=9771	https://research-publication.c	Scopus
10	Study on geomechanical properties of lunar soil simulant (LSS-ISAC-1) for chandrayaan mission	Venugopal I., Muthukkumaran K., Annadurai M., Prabu T., Anbazhagan S.	Centre for Geoinformatics and Planetary Studies	Advances in Space Research	2020	2731177	https://www.sciencedirect.com/journal/advances-in-space-research	https://www.sciencedirect.co	Scopus / Web of Science
11	A Study on Internet Usage of Adolescents in relation to Aggression and Psychological Well-Being	Arul Prabhakaran, S., & Venkatachalam, J.	Psychology	AEGAEUM Journal	2020	0776-3808	https://www.Scopus.com/sourceid/21100324984	http://aegaeum.com/gallery/	Scopus
12	Existence of solutions of cancer invasion parabolic system with integrable data	Shangerganesh L., Mani V.N.D., Karthikeyan S.	Mathematics	Afrika Matematika	2020	10129405	https://www.springer.com/journal/13370	https://link.springer.com/art	Scopus / Web of Science
13	Decomposition of product graphs into paths and stars on five vertices	Ilayaraja M., Sowndhariya K., Muthusamy A.	Mathematics	AKCE International Journal of Graphs and Combinatorics	2020	9728600	https://www.tandfonline.com/toc/uakc20/current	https://www.tandfonline.com	Scopus
14	Decomposition of complete bipartite graphs into cycles and stars with four edges	Ilayaraja M., Muthusamy A.	Mathematics	AKCE International Journal of Graphs and Combinatorics	2020	9728600	https://www.tandfonline.com/	https://www.tandfonline.com	Scopus
15	Eco friendly and bio safe copper nanoparticles synthesis in Liv-Pro-08 and its antimicrobial activity	Eswaran A., Muthukrishnan S., Mari K.R., Manogaran P., Madhaiyan M.	Biochemistry	Annals of Tropical Medicine and Public Health	2020	17556783	https://www.journal.atmph-specialissues.org/index.php	https://www.journal.atmph-s	Scopus
16	80 Hours operation of a tubular solid oxide fuel cell using propane/air	Chen Y., Lu M., Yang H., Yao Y., Tao T., Lu S., Wang C., Ramesh R., Kendall M., Kendall K., Ouyang X., Liang B.	Physics	Applied Energy	2020	3062619	https://www.sciencedirect.com/journal/applied-energy	https://www.sciencedirect.co	Scopus / Web of Science
17	A new technique for solving unbalanced intuitionistic fuzzy transportation problems	Samuel A.E., Raja P., Thota S.	Mathematics	Applied Mathematics and Information Sciences	2020	19350090	http://www.naturalspublishing.com/show.asp?JorID=1&pgid=0	http://www.naturalspublishi	Scopus

18	"On–off–on" pyrene-based fluorescent chemosensor for the selective recognition of Cu2+ and S2− ions and its utilization in live cell imaging	Rajasekaran D., Venkatachalam K., Periasamy V.	Chemistry	Applied Organometallic Chemistry	2020	2682605	https://onlinelibrary.wiley.com/journal/10990739	https://onlinelibrary.wiley.co	Scopus / Web of Science
19	Crystal growth, optical, thermal, mechanical and third-order nonlinear optical properties of L-lysine hy ochloride-doped sulphamic acid single crystals for optical applications	Arumugam J., Selvapandiyan M., chandran S., Srinivasan M., Ramasamy P.	Physics	Applied Physics A: Materials Science and Processing	2020	9478396	https://www.springer.com/journal/339	https://link.springer.com/art	Scopus / Web of Science
20	Enhancement of photocatalytic H2 evolution from water splitting by construction of two dimensional gC3N4/NiAl layered double hy oxides	Megala S., Sathish M., Harish S., Navaneethan M., Sohila S., Liang B., Ramesh R.	Physics	Applied Surface Science	2020	1694332	https://www.sciencedirect.com/journal/applied-surface-science	https://www.sciencedirect.co	Scopus / Web of Science
21	Antibacterial, Antifungal and Mosquitocidal Efficacy of Copper Nanoparticles Synthesized from Entomopathogenic Nematode: Insect–Host Relationship of Bacteria in Secondary Metabolites of Morganella morganii sp. (PMA1)	Lalitha K., Kalaimurgan D., Nithya K., Venkatesan S., Shivakumar M.S.	Biotechnology	Arabian Journal for Science and Engineering	2020	2193567X	https://www.springer.com/journal/13369	https://link.springer.com/art	Scopus / Web of Science
22	Phytoconstituents and Their Potential Antimicrobial, Antioxidant and Mosquito Larvicidal Activities of Goniothalamus wightii Hook. F. & Thomson	Palani V., Shanmugasundaram M., Maluventhen V., Chinnaraj S., Liu W., Balasubramanian B., Arumugam M.	Botany	Arabian Journal for Science and Engineering	2020	2193567X	https://www.springer.com/journal/13369	https://link.springer.com/art	Scopus / Web of Science

23	In vitro corrosion resistance and cytocompatibility of minerals substituted apatite/biopolymers duplex coatings on anodized Ti for orthopedic implant applications	Sasireka A., rajendran R., Raj V.	Chemistry	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
24	Chitosan coated molybdenum sulphide nanosheet incorporated with tantalum oxide nanomaterials for improving cancer photothermal therapy	Rajasekar S., Martin E.M., Kuppusamy S., Vetrivel C.	Botany	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
25	Optimization and detailed stability study on Pb doped ceria nanocubes for enhanced photodegradation of several anionic and cationic organic pollutants	Shajahan S., Arumugam P., rajendran R., Ponnusamy Munusamy A.	Physics	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
26	Curcumin-loaded layer-by-layer folic acid and casein coated carboxymethyl cellulose/casein nanogels for treatment of skin cancer	Priya P., Mohan Raj R., Vasanthakumar V., Raj V.	Chemistry	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
27	Pectin based nanocomposite membranes as green electrolytes for direct methanol fuel cells	Mohanapriya S., Rambabu G., Bhat S.D., Raj V.	Chemistry	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science

28	Construction of high efficient g-C3N4 nanosheets combined with Bi2MoO6-Ag photocatalysts for visible-light- iven photocatalytic activity and inactivation of bacterias	Shanmugam V., Muppudathi A.L., Jayavel S., Jeyaperumal K.S.	Physics	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
29	Nanostructured pH-responsive biocompatible chitosan coated copper oxide nanoparticles: A polymeric smart intracellular delivery system for doxorubicin in breast cancer cells	Varukattu N.B., Vivek R., Rejeeth C., Thangam R., Ponraj T., Sharma A., Kannan S.	Zoology	Arabian Journal of Chemistry	2020	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
30	Geospatial assessment of ultramafic rocks and ore minerals of Salem, India	Ranganathan P.C., Siddan A.	Centre for Geoinformatics and Planetary Studies	Arabian Journal of Geosciences	2020	18667511	https://www.springer.com/journal/12517	https://link.springer.com/art	Scopus / Web of Science
31	Trends in profitability amidst production constraints encountered by smallholder mango growers-a case of India	Mehjabeen, Durai A.S.	Economics	Asian Journal of Agriculture and Rural Development	2020	23041455	http://www.aessweb.com/journals/5005	http://www.aessweb.com/jou	Scopus
32	Microflower like zinc oxide/cerium, lanthanum substituted hy oxyapatite bilayer coating on surgical grade stainless steel for corrosion resistance, antibacterial and bioactive properties	Sridevi C., Karthikeyan P., Dhivyapriya D., Mitu L., Maheswaran P., Sathishkumar S.	Chemistry	Asian Journal of Chemistry	2020	9707077	https://www.asianjournalofchemistry.co.in/Home.aspx	http://www.asianjournalofch	Scopus

33	Phytochemical profiling and biological activity of Plectranthus amboinicus (Lour.) mediated by various solvent extracts against Aedes aegypti larvae and toxicity evaluation	Paramasivam D., Balasubramanian B., Park S., Alagappan P., Kaul T., Liu W., Pachiappan P.	Biotechnology	Asian Pacific Journal of Tropical Medicine	2020	19957645	https://www.apjtm.org/	https://www.apjtm.org/articl	Scopus
34	Effect of silver nitrate and growth regulators on direct shoot organogenesis and in vitro flowering from internodal segment explants of Alternanthera sessilis L.	Sowmya M., Jinu U., Sarathikannan D., Geetha N., Girija S., Venkatachalam P.	Biotechnology	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
35	Physiological and biochemical studies of black gram (Vigna mungo (L.) Hepper) under polyethylene glycol induced ought stress	Jothimani K., Arulbalachandran D.	Botany	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
36	Functional identification and characterization of midgut microbial flora derived from lepidopteran larvae Spodoptera litura Fab.	Karthi S., Panneerselvam B., Senthil-Nathan S., Vasantha-Srinivasan P., Shivakumar M.S., Krutmuang P.	Biotechnology	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
37	Larvicidal potency of the extracts from Chlorella sp. against Aedes aegypti	Sigamani S., Chinnasamy R., Dharmaraj R.K., Ramamurthy D., Devarajan N., Narayanasamy M., Natarajan H.	Microbiology	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
38	Bioengineered silver nanoparticles using Elytraria acaulis (L.f.) Lindau leaf extract and its biological applications	Rangayasami A., Kannan K., Joshi S., Subban M.	Botany	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science

39	Influence of tannase from Serratia marcescens strain IMBL5 on enhancing antioxidant properties of green tea	Thiyonila B., Kannan M., Paulin Reneeta N., Ramya T., Kayalvizhi N., Krishnan M.	Environmental Science	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
40	Bioremediation potency of multi metal tolerant native bacteria Bacillus cereus isolated from bauxite mines, kolli hills, Tamilnadu- A lab to land approach	Anusha P., Natarajan D.	Biotechnology	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
41	Effect of Manihot esculenta (Crantz) leaf extracts on antioxidant and immune system of Spodoptera litura (Lepidoptera: Noctuidae)	Manjula P., Lalitha K., Vengateswari G., Patil J., Nathan S.S., Shivakumar M.S.	Biotechnology	Biocatalysis and Agricultural Biotechnology	2020	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
42	Antioxidant and Antiproliferative Potential of Bioactive Molecules Ursolic Acid and Thujone Isolated from Memecylon edule and Elaeagnus indica and Their Inhibitory Effect on Topoisomerase II by Molecular Docking Approach	Srinivasan R., Aruna A., Lee J.S., Kim M., Shivakumar M.S., Natarajan D.	Biotechnology	BioMed Research International	2020	23146133	https://www.hindawi.com/journals/bmri/	https://www.hindawi.com/jo	Scopus
43	Novel strain of Nocardiopsis sp. CN2 from andaman nicobar islands: Isolation, taxonomy, fermentation, and antiproliferative effect on cervical cancer cells	chandrakumar D., Manigundan K., Gopalakrishnan K., Karuppiah V., Prasad N., Radhakrishnan M., Sivakumar K., Balagurunathan R.	Microbiology	Biomedical and Biotechnology Research Journal	2020	25889834	https://www.bmbtrj.org/	https://www.bmbtrj.org/arti	Scopus

44	Metabolic Enzyme Inhibitory and Larvicidal Activity of Biosynthesized and Heat Stabilized Silver Nanoparticles Using Annona muricata Leaf Extract	Santhosh S.B., Natarajan D., Deepak P., Gayathri B., Kaviarasan L., Naresh P., Nanjan M.J., chandrasekar M.J.N.	Biotechnology	BioNanoScience	2020	21911630	https://www.springer.com/journal/12668	https://link.springer.com/art	Scopus / Web of Science
45	Microbial degradation, spectral analysis and toxicological assessment of malachite green by Streptomyces chrestomyceticus S20	Vignesh A., Manigundan K., Santhoshkumar J., Shanmugasundaram T., Gopikrishnan V., Radhakrishnan M., Joseph J., Ayyasamy P.M., Kumar G.D., Meganathan R., Balagurunathan R.	Microbiology	Bioprocess and Biosystems Engineering	2020	16157591	https://www.springer.com/journal/449	https://link.springer.com/art	Scopus / Web of Science
46	Enriched pressmud vermicompost production with green manure plants using Eu ilus eugeniae	Balachandar R., Baskaran L., Yuvaraj A., Thangaraj R., Subbaiya R., Ravin an B., Chang S.W., Karmegam N.	Biotechnology	Bioresource Technology	2020	9608524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.co	Scopus / Web of Science
47	Biosynthesis, statistical optimization and molecular modeling of chitinase from crab shell wastes by a mangrove associated actinobacterium Streptomyces olivaceus (MSU3) using Box-Behnken design and its antifungal effects	Sanjivkumar M., Vijayalakshmi K., Silambarasan T., Sholkamy E.N., Immanuel G.	Microbiology	Bioresource Technology Reports	2020	2589014X	https://www.sciencedirect.com/journal/bioresource-technology-reports	https://www.sciencedirect.co	Scopus / Web of Science
48	Optimization for enhanced ecofriendly decolorization and detoxification of Reactive Blue160 textile dye by Bacillus subtilis	Barathi S., Aruljothi K.N., Karthik C., Padikasan I.A.	Biotechnology	Biotechnology Reports	2020	2215017X	https://www.sciencedirect.com/journal/biotechnology-reports	https://www.sciencedirect.co	Scopus / Web of Science
49	Development of a novel agitated vessel for gas-induction to improve the gas-liquid mass transfer	Chinnasamy G., Kaliannan S., Jeganathan P.M.	Food Science and Nutrition	Bulgarian Chemical Communications	2020	8619808	http://www.bcc.bas.bg/	http://www.bcc.bas.bg/bcc_v	Scopus

50	Blow-Up Phenomena of a Cancer Invasion Model with Nonlinear Diffusion and Haptotaxis Term	Shangerganesh L., Sathishkumar G., Nyamoradi N., Karthikeyan S.	Mathematics	Bulletin of the Malaysian Mathematical Sciences Society	2020	1266705	https://www.springer.com/journal/40840	https://link.springer.com/art	Scopus / Web of Science
51	Trends in the extraction, purification, characterisation and biological activities of polysaccharides from tropical and sub-tropical fruits – A comprehensive review	Mohan K., Muralisankar T., Uthayakumar V., Chandirasekar R., Revathi N., Ramu Ganesan A., Velmurugan K., Sathishkumar P., Jayakumar R., Seedevi P.	Environmental Science	Carbohydrate Polymers	2020	1448617	https://www.journals.elsevier.com/carbohydrate-polymers	https://www.sciencedirect.co	Scopus / Web of Science
52	Toddalia asiatica l.-a rich source of phytoconstituents with potential pharmacological actions, an appropriate plant for recent global arena	Alagaraj P., Muthukrishnan S.	Biochemistry	Cardiovascular and Hematological Agents in Medicinal Chemistry	2020	18715257	https://www.ingentaconnect.com/content/ben/chamc;jsessionid=65c557q1ngdag.x-ic-live-03	https://www.eurekaselect.co	Scopus
53	Monsoon impact on groundwater chemistry and geochemical processes in the shallow hard rock aquifer	Manikandan E., Rajmohan N., Anbazhagan S.	Centre for Geoinformatics and Planetary Studies	Catena	2020	3418162	https://www.sciencedirect.com/journal/catena	https://www.sciencedirect.co	Scopus / Web of Science
54	Optimization of a lab scale and pilot scale conversion of eggshell biowaste into hy oxyapatite using microwave reactor	Muthu D., Kumar G.S., Kattimani V.S., Viswabaskaran V., Girija E.K.	Physics	Ceramics International	2020	2728842	https://www.sciencedirect.com/journal/ceramics-international	om/science/article/pii/S0272	Scopus / Web of Science
55	Rare-earth ions integrated silica nanoparticles derived from rice husk via microwave-assisted combustion method for bioimaging applications	Araichimani P., Prabu K.M., Suresh Kumar G., Karunakaran G., Van Minh N., Karthi S., Girija E.K., Kolesnikov E.	Physics	Ceramics International	2020	2728842	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.co	Scopus / Web of Science

56	Spectroscopic investigations, quantum chemical calculations and molecular docking studies of Mangiferin - an anti-viral agent of H1N1 Influenza virus	Bangaru S., Manivannan P., Muthu S.	Physics	Chemical Data Collections	2020	24058300	https://www.sciencedirect.com/journal/chemical-data-collections	https://www.sciencedirect.co	Scopus / Web of Science
57	Supramolecular Co-crystal of 2-amino-4-methoxy-6-methyl pyrimidine with sorbic acid: Synthesis, crystal structure and Hirshfeld surface analysis	Suganya S., Karthikeyan A., Srimathi V., Kumaradhas P.	Physics	Chemical Data Collections	2020	24058300	https://www.journals.elsevier.com/chemical-data-collections	https://www.sciencedirect.co	Scopus
58	Synthesis, spectroscopic characterization and molecular docking study of ethyl 2-(4-(5, 9-dihy o-6-hy oxy-2-mercapto-4H-purin-8-ylthio) thiophen-2-yl)-2-oxoacetate molecule for the chemotherapeutic treatment of breast cancer cells	Ragavan I., Vidya C., Shanavas S., Acevedo R., Anbarasan P.M., Manjri A., Prakasam A., Sudhakar C., Selvankumar T.	Physics	Chemical Physics	2020	3010104	https://www.sciencedirect.com/journal/chemical-physics	https://www.sciencedirect.co	Scopus / Web of Science
59	A study on Mn doped ZnO loaded on CSAC for the photocatalytic degradation of brilliant green dye	Nithya R., Ragupathy S., Sakthi D., Arun V., Kannadasan N.	Physics	Chemical Physics Letters	2020	92614	https://www.sciencedirect.com/journal/chemical-physics-letters	https://www.sciencedirect.co	Scopus / Web of Science
60	Carbon Dot Loaded Integrative CoFe2O4/g-C3N4 P-N Heterojunction: Direct Solar Light-iven Photocatalytic H2 Evolution and Organic Pollutant Degradation	Lallimathi M., Kalisamy P., Suryamathi M., Alshahrani T., Shkir M., Venkatachalam M., Palanivel B.	Chemistry	ChemistrySelect	2020	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science

61	Abutilon indicum Mediated CuO Nanoparticles: Eco-Approach, Optimum Process of Congo Red Dye Degradation, and Mathematical Model for Multistage Operation	Devi Priya D., Elango G., Mohana Roopan S., Shanavas S., Acevedo R., Golkonda M., Sridharan M.	Physics	ChemistrySelect	2020	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science
62	Hy othermal Assisted Synthesis of ZnFe2O4 Embedded g-C3N4 Nanocomposite with Enhanced Charge Transfer Ability for Effective Removal of Nitrobenzene and Cr(VI)	Shanavas S., Ahamad T., Alshehri S.M., Acevedo R., Munusamy Anbarasan P.	Physics	ChemistrySelect	2020	23656549	https://chemistry-europe.onlinelibrary.wiley.com/	https://chemistry-europe.onl	Scopus / Web of Science
63	Synthesis and Antibacterial Activity of New N-Substituted Hexahy oquinolinone Derivatives and X-Ray Crystallographic Studies	Vinoth N., Kalaiarasi C., Kumaradhas P., Vadivel P., Lalitha A.	Chemistry	ChemistrySelect	2020	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science
64	Carbon Quantum Dot Incorporated Nickel Pyrophosphate as Alternate Cathode for Supercapacitors	Priyadharshini M., Pazhanivel T., Bharathi G.	Physics	ChemistrySelect	2020	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science
65	In-situ development of metal organic frameworks assisted ZnMgAl layered triple hy oxide 2D/2D hybrid as an efficient photocatalyst for organic dye degradation	Bhuvaneswari K., Palanisamy G., Pazhanivel T., Maiyalagan T., Shanmugam P., Grace A.N.	Physics	Chemosphere	2020	456535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.co	Scopus / Web of Science
66	Influence of bismuth nitrate doping towards the characteristics of L-Alanine nonlinear optical crystals	Suresh N., Selvapandiyan M., Mohammad F., Sagadevan S.	Physics	Chinese Journal of Physics	2020	5779073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	https://www.sciencedirect.co	Scopus / Web of Science

67	Leaf extract of Dillenia indica as a source of selenium nanoparticles with larvicidal and antimicrobial potential toward vector mosquitoes and pathogenic microbes	Krishnan M., Ranganathan K., Maadhu P., Thangavelu P., Kundan S., Arjunan N.	Zoology	Coatings	2020	20796412	https://www.mdpi.com/journal/coatings	https://www.mdpi.com/2079	Scopus
68	Synthesis and characterization of efficient ZnO/g-C3N4 nanocomposites photocatalyst for photocatalytic degradation of methylene blue	Ngullie R.C., Alaswad S.O., Bhuvaneswari K., Shanmugam P., Pazhanivel T., Arunachalam P.	Physics	Coatings	2020	20796412	https://www.mdpi.com/journal/coatings	https://www.mdpi.com/2079	Scopus
69	Ca2+ dependent flocculation efficiency of avian egg protein revealed unique surface specific interaction with kaolin particles: A new perception in bioflocculant research	Kaarmukhilnilavan R.-S., Selvam A., Wong J.W.C., Murugesan K.	Environmental Science	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020	9277757	https://www.sciencedirect.com/journal/colloids-and-surfaces-a-physicochemical-and-engineering-aspects	https://www.sciencedirect.co	Scopus / Web of Science
70	r-GO supported g-C3N4 /NiMgAl layered triple hy oxide hybrid as a Visible Light photocatalyst for organic dye removal	Bhuvaneswari K., Palanisamy G., Pazhanivel T., Maiyalagan T.	Physics	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020	9277757	https://www.sciencedirect.com/journal/colloids-and-surfaces-a-physicochemical-and-engineering-aspects	https://www.sciencedirect.co	Scopus / Web of Science
71	Spinel oxide ZnCr2O4 incorporated with ZnS quantum dots for application on visible light iven photocatalyst Azo dye degradation	Palanisamy G., Pazhanivel T., Bhuvaneswari K., Bharathi G., Marimuthu G., Maiyalagan T.	Physics	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020	9277757	https://www.sciencedirect.com/journal/colloids-and-surfaces-a-physicochemical-and-engineering-aspects	https://www.sciencedirect.co	Scopus / Web of Science
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128	Comparative analysis on selected public sector and private sector mutual funds in India with special reference to growth funds	Karuna Moorthy V.B., Rajendhiran N.	Management Studies	International Journal of Advanced Science and Technology	2020	20054238	https://www.ijariit.com/?campaignid=1020496708&adgroupid=102753411104&creative=505496859356&keyword=%2Binternational%20%2Bjournal%20%2Bscience&adposition&gclid=EAIaIQobChMIh5Oe6ZWE8gIV-4dLBR1fGA1vEAAYASAAEgLuK_D_BwE	http://sersc.org/journals/ind	Scopus
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131	Impact of demonetisation on the micro finance sector	Palanivelu V.R., Narmada S.	Management Studies	International Journal of Advanced Science and Technology	2020	20054238	https://www.ijariit.com/?campaignid=1020496708&adgroupid=102753411104&creative=505496859356&keyword=%2Binternational%20%2Bjournal%20%2Bscience&adposition&gclid=EAIaIQobChMIh5Oe6ZWE8gIV-4dLBR1fGA1vEAAYASAAEgLuK_D_BwE	http://sersc.org/journals/ind	Scopus
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133	Analysis of garrett's ranking for facilities of arts and engineering colleges in salem district of Tamil Nadu	Geetha C., Mohan Prabhu S.	Statistics	International Journal of Advanced Science and Technology	2020	20054238	https://www.ijariit.com/?campaignid=1020496708&adgroupid=102753411104&creative=505496859356&keyword=%2Binternational%20%2Bjournal%20%2Bscience&adposition&gclid=EAIaIQobChMIh5Oe6ZWE8gIV-4dLBR1fGA1vEAAYASAAEgLuK_D_BwE	http://sersc.org/journals/ind	Scopus
134	Role of artificial intelligence in business transformation	Palanivelu V.R., Vasanthi B.	Management Studies	International Journal of Advanced Science and Technology	2020	20054238	https://www.ijariit.com/?campaignid=1020496708&adgroupid=102753411104&creative=505496859356&keyword=%2Binternational%20%2Bjournal%20%2Bscience&adposition&gclid=EAIaIQobChMIh5Oe6ZWE8gIV-4dLBR1fGA1vEAAYASAAEgLuK_D_BwE	http://sersc.org/journals/ind	Scopus

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143	Succinyl chitosan gold nanocomposite: Preparation, characterization, in vitro and in vivo anticandidal activity	Dananjaya S.H.S., Edirisinghe S.L., Thao N.T.T., Kumar R.S., Wijerathna H.M.S.M., Mudiyanselage A.Y., De Zoysa M., Choi D.	Physics	International Journal of Biological Macromolecules	2020	1418130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://www.sciencedirect.co	Scopus / Web of Science
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231	Visible Light Photocatalyst Anatase Phased TiO2 Nanoparticles for Enhanced Antibacterial Performance	Nagaraj G., Tamilarasu S.	Physics	Journal of Cluster Science	2020	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science
232	Selenium Tethered Mesoporous Silica Nanocomposite Enhances ug Delivering Efficiency to Target Breast Cancer	Vimala K., Maruthupandian A., Thangaraj R., Kannan S.	Zoology	Journal of Cluster Science	2020	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science
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234	Biological Applications of Synthesized ZnO Nanoparticles Using Pleurotus djamor Against Mosquito Larvicidal, Histopathology, Antibacterial, Antioxidant and Anticancer Effect	Manimaran K., Balasubramani G., Ragaven an C., Natarajan D., Murugesan S.	Botany	Journal of Cluster Science	2020	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science
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237	Synthesis and Characterization of Pyrogallol Capped Silver Nanoparticles and Evaluation of Their In Vitro Anti-Bacterial, Anti-cancer Profile Against AGS Cells	Sampath G., Shyu D.J.H., Rameshkumar N., Krishnan M., Sivasankar P., Kayalvizhi N.	Zoology	Journal of Cluster Science	2020	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science
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362	An Organocatalytic Cascade Synthesis of Diverse 1H-Pyrazolo[1,2-b]phthalazine-2-carboxamide,1H-Pyrazolo[1,2-b]phthalazine, 4H-Pyrano[2,3-c]pyrazole and 4H-Benzo[g]chromenes via Multicomponent Reactions	Maheswari C.S., Tamilselvi V., Ramesh R., Lalitha A.	Chemistry	Organic Preparations and Procedures International	2020	304948	https://www.tandfonline.com/toc/uopp20/current	https://www.tandfonline.com	Scopus
363	Isolation and identification of entomopathogenic fungus from Eastern Ghats of South Indian forest soil and their efficacy as biopesticide for mosquito control	Vivekanandhan P., Bedini S., Shivakumar M.S.	Biotechnology	Parasitology International	2020	13835769	https://www.sciencedirect.com/journal/parasitology-international	https://www.sciencedirect.co	Scopus / Web of Science
364	Actinobacterial enzyme mediated synthesis of selenium nanoparticles for antibacterial, mosquito larvicidal and anthelminthic applications	Ramya S., Shanmugasundaram T., Balagurunathan R.	Microbiology	Particulate Science and Technology	2020	2726351	https://www.tandfonline.com/toc/upst20/current	https://www.tandfonline.com	Scopus
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366	A study on Apple ber to identify the suitability of new product development	Mathangi S., Prakash Maran J.	Food Science and Nutrition	Plant Science Today	2020	23481900	https://horizonepublishing.com/journals/index.php/PST/index	https://horizonepublishing.co	Scopus

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368	Reactive compatibilization effect of graphene oxide reinforced butyl rubber nanocomposites	Chinnasamy S., Rathanasamy R., Kumar H.K.M., Jeganathan P.M., Palaniappan S.K., Pal S.K.	Food Science and Nutrition	Polimeros	2020	1041428	https://www.scielo.br/scielo.php?script=sci_serial&pid=0104-1428&lng=en&nrm=iso	https://www.scielo.br/j/po/a	Scopus
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371	Innovative Green Synthesis of 4-Aryl-Pyrazolo[5,6]Pyrano[2,3-d]Pyrimidines under Catalyst-Free Conditions	Ramesh R., Tamilselvi V., Vadivel P., Lalitha A.	Chemistry	Polycyclic Aromatic Compounds	2020	10406638	https://www.tandfonline.com/toc/gpol20/current	https://www.tandfonline.com	Scopus
372	An Organocatalytic Newer Synthetic Strategy Toward the Access of Polyfunctionalized 4H-Pyrans via Multicomponent Reactions	Ramesh R., Jayamathi J., Karthika C., Malecki J.G., Lalitha A.	Chemistry	Polycyclic Aromatic Compounds	2020	10406638	https://www.tandfonline.com/toc/gpol20/current	https://www.tandfonline.com	Scopus
373	Catalyst-Free Three-Component Synthesis, Antibacterial, Antifungal, and Docking Studies of Spiroindoline Derivatives	Vinoth N., Lalitha A.	Chemistry	Polycyclic Aromatic Compounds	2020	10406638	https://www.tandfonline.com/	https://www.tandfonline.com	Scopus

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378	In vitro and in vivo anticandidal efficacy of green synthesized gold nanoparticles using Spirulina maxima polysaccharide	Dananjaya S.H.S., Thu Thao N.T., Wijerathna H.M.S.M., Lee J., Edussuriya M., Choi D., Saravana Kumar R.	Physics	Process Biochemistry	2020	13595113	https://www.sciencedirect.com/journal/process-biochemistry	https://www.sciencedirect.co	Scopus / Web of Science
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381	Binder-free heterostructure (g-C3N4/PPy) based thin film on semi-flexible nickel foam via hybrid spray technique for energy storage application	Duraisamy N., S P., R R., Kandiah K.	Chemistry	Progress in Natural Science: Materials International	2020	10020071	https://www.sciencedirect.com/journal/progress-in-natural-science-materials-international	https://www.sciencedirect.co	Scopus / Web of Science
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396	Anti-diabetic activity of crude polysaccharide and rhamnose-enriched polysaccharide from G. lithophila on Streptozotocin (STZ)-induced in Wistar rats	Seedevi P., Ramu Ganesan A., Moovendhan M., Mohan K., Sivasankar P., Loganathan S., Vairamani S., Shanmugam A.	Environmental Science	Scientific Reports	2020	20452322	https://academic.oup.com/clinchem	https://www.nature.com/arti	Scopus
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435	Synthesis of Imines via Reactions of Benzyl Alcohol with Amines Using Half-Sandwich (η6-p-cymene) Ruthenium(II) Complexes Stabilised by 2-aminofluorene Derivatives	Vinoth G., Indira S., Bharathi M., Durgadevi A., Abinaya R., Alves L.G., Martins A.M., Bharathi K.S.	Chemistry	Applied Organometallic Chemistry	2019	2682605	https://onlinelibrary.wiley.com/journal/10990739	https://onlinelibrary.wiley.co	Scopus / Web of Science
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455	Chemical constituents and larvicidal efficacy of Naringi crenulata (Rutaceae) plant extracts and bioassay guided fractions against Culex quinquefasciatus mosquito (Diptera: Culicidae)	Pratheeba T., Vivekanandhan P., Faeza A.K.N., Natarajan D.	Biotechnology	Biocatalysis and Agricultural Biotechnology	2019	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
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496	Application of marine-derived polysaccharides as immunostimulants in aquaculture: A review of current knowledge and further perspectives	Mohan K., Ravichandran S., Muralisankar T., Uthayakumar V., Chandirasekar R., Seedevi P., Abirami R.G., Rajan D.K.	Environmental Science	Fish and Shellfish Immunology	2019	10504648	https://www.sciencedirect.com/journal/fish-and-shellfish-immunology	https://www.sciencedirect.co	Scopus / Web of Science
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541	Factors Contributing to MSME Entrepreneurs Level of Satisfaction on Banking Services	M.Suryakumar	Management Studies	International Journal of Management and Business Research	2019	22287019, 22287027	https://ijmbr.srbiau.ac.ir/	https://www.scopus.com/rec	Scopus
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583	Erythrosine Induces Teratogenic Effects Via Activation of ROS Biogenesis in Zebrafish Embryos	Dharmar M., Krishnan N., Thangavel M., Krishnan M., Namasivayam E.	Biotechnology	Iranian Journal of Science and Technology, Transaction A: Science	2019	10286276	https://www.springer.com/journal/40995	https://link.springer.com/art	Scopus / Web of Science
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658	Molecular insights of newly identified potential peptide inhibitors of hypoxia inducible factor 1α causing breast cancer	Manimaran D., Ghanen a S., Sridhar M., Kaliaperumal J., Muniyaraj S., Mohankumar T., Vijayakumar R., Manigandan K., Balakrishnan R., Elangovan N.	Biotechnology	Journal of Molecular Structure	2019	222860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.co	Scopus / Web of Science
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663	Experimental Study of Effective Mass and Spin-Orbital Energy of the Al2O3/NiO Nanoheterostructure Material	Munusamy G., Mani R., Varadharajan K., Narasimhan S.	Physics	Journal of Physical Chemistry A	2019	10895639	https://pubs.acs.org/toc/jpcafh/123/45	https://pubs.acs.org/doi/abs/	Scopus

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665	Immobilized Ni-Schiff-base metal complex on MCM-41 as a heterogeneous catalyst for the green synthesis of benzimidazole derivatives using glycerol as a solvent	Bharathi M., Indira S., Vinoth G., Shanmuga Bharathi K.	Chemistry	Journal of Porous Materials	2019	13802224	https://www.springer.com/journal/10934	https://link.springer.com/art	Scopus / Web of Science
666	Sol-gel mediated synthesis of silica nanoparticle from Bambusa vulgaris leaves and its environmental applications: kinetics and isotherms studies	Durairaj K., Senthilkumar P., Velmurugan P., Dhamodaran K., Kadirvelu K., Kumaran S.	Environmental Science	Journal of Sol-Gel Science and Technology	2019	9280707	https://www.springer.com/journal/10971	https://link.springer.com/art	Scopus / Web of Science
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674	Use and impact of e-resources among the faculty members and students at Salem college of engineering and technology for women, Salem, Tamilnadu, India: A study	Jegan P., Jayaprakash M.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
675	Evaluation of research papers on Otorhinolaryngology during the period 1989-2018: A scientometric study	Murugan C., Sringa R.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
676	Mapping of research productivity on Nanotechnology in Canada: A scientometric profile	Velmurugan C.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
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679	Awareness of Web 2.0 among the Research Scholars of Periyar University: A study	Abirami V., Kavitha E.S.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
680	Research output on myopia during the period 2016-2018: A scientometric analysis	Rekha A.J., Jayaprakash M.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
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683	Information seeking behavior of PG students in National Institute of Rural Development and Panchayati Raj (NIRDPR), Hyderabad: A study	Tanveer Khan R., Murugan C.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
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685	Mapping of research productivityof applied and environmental icrobiology journal: A bibliometric study dimensions	Rubinandhini A., Gomathi P.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
686	Scientometric study on immunology at National Level Through Web of science database	Sathiyapriya C., Palanisamy G.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus

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688	Use and impact of electronic journals among the users of Periyar University in Salem, Tamilnadu, India	Krishnan R., Jayaprakash M.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
689	A scientometric study on journal of climate based on web of science database	Prakash M., Jayaprakash M.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
690	Gentrification of bibliotheca for the digital citizens	Nagpal R., Radhakrishnan N.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
691	Awareness and usage of search engines among the students Sri Ramakrishna College of Arts And Science Coimbatore: A study	Sivasubramanian G., Gomathi P.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
692	Scientometric analysis of diabetes research output during the year 2014-2018: Indexed by web of science	Boopathi P., Gomathi P.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
693	Perspective of the search engines among the faculty members of autonomous colleges of coimbatore: A study	Sivasubramanian G., Gomathi P.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
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697	Research impact of the Iranian publications on social networks in Scopus indexed	Parvin S., Panahi S., Velmurugan C.	Library and Information Science	Library Philosophy and Practice	2019	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
698	Tridax Procumbens Extract Loaded Electrospun PCL Nanofibers: A Novel Wound essing Material	Suryamathi M., Ruba C., Viswanathamurthi P., Balasubramanian V., Perumal P.	Chemistry	Macromolecular Research	2019	15985032	https://www.springer.com/journal/13233	https://www.readcube.com/a	Scopus / Web of Science
699	Investigation on photocatalytic and antibacterial ability of green treated copper oxide nanoparticles using Artabotrys Hexapetalus and Bambusa Vulgaris plant extract	Haseena S., Shanavas S., Duraimurugan J., Ahamad T., Alshehri S.M., Acevedo R., Jayamani N.	Physics	Materials Research Express	2019	20531591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/art	Scopus
700	Ecofriendly green synthesis of ZnO nanostructures using Artabotrys Hexapetalu and Bambusa Vulgaris plant extract and investigation on their photocatalytic and antibacterial activity	Shanavas S., Duraimurugan J., Kumar G.S., Ramesh R., Acevedo R., Anbarasan P.M., Maadeswaran P.	Physics	Materials Research Express	2019	20531591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/art	Scopus
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703	Experimental and quantum chemical investigations of 4-bromoanilinium hy ogen phthalate crystal for optoelectronic applications	Anbarasan R., Eniya P., Lakshmi M.A., Sundar J.K.	Physics	Materials Research Express	2019	20531591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/art	Scopus
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724	Fabrication of core-shell CoFe2O4@HAp nanoparticles: A novel magnetic platform for biomedical applications	Karthickraja D., Karthi S., Kumar G.A., Sardar D.K., Dannangoda G.C., Martirosyan K.S., Girija E.K.	Physics	New Journal of Chemistry	2019	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	https://pubs.rsc.org/en/conte	Scopus / Web of Science
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743	https://www.nature.com/articles/s41598-019-49478-2	Velmurugan J.S., Shruthi R., Rajkamal S.V.	Management Studies	Rupkatha Journal on Interdisciplinary Studies in Humanities	2019	9752935	http://rupkatha.com/	https://rupkatha.com/v11n3	Scopus
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761	Aagananutril varalaatru padhivugal	S.Velayuthan	Tamil	Shanlax international journal of Tamil studies	2019	2454-3993	http://www.shanlaxjournals.in/journals/index.php/tamil	https:// ive.google.com/open1	UGC
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808	Generalized Tikhonov methods for an inverse source problem of the time-fractional diffusion equation	Ma Y.-K., Prakash P., Deiveegan A.	Mathematics	Chaos, Solitons and Fractals	2018	9600779	https://www.sciencedirect.com/journal/chaos-solitons-and-fractals	https://www.sciencedirect.co	Scopus / Web of Science
809	Synthesis, crystal structure and Hirshfeld surface analysis of a benzoxazole derivative [2-[2-(4-Methylphenyl)ethenyl]-1,3-benzoxazole]	Sivakumar M., Saravanan K., Rajavelu K., Rajakumar P., Aravindhan S.	Physics	Chemical Data Collections	2018	24058300	https://www.sciencedirect.com/journal/chemical-data-collections	https://link.springer.com/art	Scopus / Web of Science
810	Photocatalytic Performance on Visible Light Induced ZnS QDs-MgAl Layered Double Hy oxides Hybrids for Methylene Blue Dye Degradation	Bhuvaneswari K., Palanisamy G., Pazhanivel T., Bharathi G., Nataraj D.	Physics	Chemistry Select	2018	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science
811	Ultrasonically and Photonically Simulatable Bi-Ceria Nanocubes for Enhanced Catalytic Degradation of Aqueous Dyes: A Detailed Study on Optimization, Mechanism and Stability	Shanavas S., Priyadharsan A., Dharmaboopathi K., Ragavan I., Vidya C., Anbarasan P.M.	Physics	ChemistrySelect	2018	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science
812	A Simple Perceptive Diphenyl-Imidazole-Based Dipodal Schiff-Base Chemosensor for Zn2+ and PPi ions and Its Live-Cell Imaging Applications	Gomathi A., Vasanthi M., Viswanthamurthi P., Suresh S., Nandhakumar R.	Chemistry	ChemistrySelect	2018	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science

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815	Enhanced Photocatalytic Properties of ZnS-WO3 Nanosheet Hybrid under Visible Light Irradiation	Palanisamy G., Bhuvaneswari K., Bharathi G., Nataraj D., Pazhanivel T.	Physics	Chemistry Select	2018	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus / Web of Science
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819	On the existence of weak solutions of nonlinear degenerate parabolic system with variable exponents	Shangerganesh L., Nyamoradi N., Deiva Mani V.N., Karthikeyan S.	Mathematics	Computers and Mathematics with Applications	2018	8981221	https://www.sciencedirect.com/journal/computers-and-mathematics-with-applications	https://www.sciencedirect.co	Scopus / Web of Science

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821	Bioinformatics delimitation of the psychrophilic and psychrotolerant actinobacteria isolated from the Polar Frontal waters of the Southern Ocean	Sivasankar P., Rekadwad B., Poongodi S., Sivakumar K., Venkateswaran Parli B., Kumar N.A.	Environmental Science	Data in Brief	2018	23523409	https://www.sciencedirect.com/journal/data-in-brief	https://www.sciencedirect.co	Scopus / Web of Science
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824	Vermistabilization of paper mill sludge by an epigeic earthworm Perionyx excavatus: Mitigation strategies for sustainable environmental management	Yuvaraj A., Karmegam N., Thangaraj R.	Zoology	Ecological Engineering	2018	9258574	https://www.sciencedirect.com/journal/ecological-engineering	https://www.sciencedirect.co	Scopus / Web of Science

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827	Enhancing rate capability of amorphous nickel phosphate supercapattery electrode via composition with crystalline silver phosphate	Omar F.S., Numan A., Bashir S., Duraisamy N., Vikneswaran R., Loo Y.-L., Ramesh K., Ramesh S.	Chemistry	Electrochimica Acta	2018	134686	https://www.sciencedirect.com/journal/electrochimica-acta	https://www.sciencedirect.co	Scopus / Web of Science
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829	Hy ogeological assessment of the groundwater aquifers for sustainability state and development planning	Jothibasu A., Anbazhagan S.	Centre for Geoinformatics and Planetary Studies	Environmental Earth Sciences	2018	18666280	https://www.springer.com/journal/12665	https://link.springer.com/art	Scopus / Web of Science
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943	Research Output of Greenhouse Effect in India: A Scientometric Analysis	Mohanathan P., rajendran N.	Management Studies	Library Philosophy and Practice	2018	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
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953	Investigation on the photophysical properties of tungsten trioxide and tungstate based nanocomposites	Palanisamy G., Pazhanivel T.	Physics	Materials Research Express	2018	20531591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/art	Scopus
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961	Bio-inspired synthesis of superparamagnetic iron oxide nanoparticles for enhanced in vitro anticancer therapy	Shanmugasundaram T., Radhakrishnan M., Poongodi A., Kadirvelu K., Balagurunathan R.	Microbiology	MRS Communications	2018	21596859	https://www.cambridge.org/core/journals/mrs-communications	https://link.springer.com/art	Scopus
962	Fabrication and characterization of TiO2-loaded Moringa oleifera gum-activated carbon and the photo-catalytic degradation of phosphate in aqueous solutions	Manikandan V., Lee J.-H., Velmurugan P., Jayanthi P., Chang W.-S., Park Y.-J., Cho M., Oh B.-T.	Biotechnology	Nanotechnology for Environmental Engineering	2018	23656379	https://www.springer.com/journal/41204	https://link.springer.com/art	Scopus / Web of Science

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1018	Challenges of Green Entrepreneurship in India- An Overview	G. Yoganandan and A. Raj Naveen Chander	Management Studies	Journal of Emerging Technologies and Innovative Research	2018	2349-5162	https://www.jetir.org/	https://www.jetir.org/view?p	UGC (UGC Care list No. 63975)
1019	Customer Satisfaction – An Empirical Study with Reference to Vivo and Oppo Smart Phones among Youths in Tamil Nadu	G. Yoganandan and G. Saranya	Management Studies	International Research Journal of Business and Management	2018		http://irjbm.org/	http://irjbm.org/irjbm2013/I	UGC (UGC Care list No. 46906)
1020	Service Quality towards Mobile Network Service Providers among Customers in selected Taluks at Salem District, Tamil Nadu	G. Yoganandan and G. Saranya	Management Studies	International Journal of Scientific Research in Computer Science Applications and Management Studies	2018	2319-1953	hhttps://www.ijsrcsams.com/	http://www.ijsrcsams.com/in	UGC (UGC Care list No. 63611)
1021	Concept map: A strategy facilitates meaningful learning	G. Devendran and G. Hema	Education	Shanlax International Journal of Education	2018	2320-2653	http://www.shanlaxjournals.in/journals/index.php/education	https://www.periyaruniversi	UGC (UGC Care list No. 44213)
1022	Improving Mathematical Addition Skill of Learning Disability Child Through Mobile App - A Case Study	R. Raj Kumar and G. Hema	Education	Contemporary Research in India	2018	2231-2137.	https://www.contemporaryresearchindia.net/	https://www.periyaruniversi	UGC (UGC Care list No. 62441)
1023	Unveiling the Muted Trangender Community through A. Revathi's Memoir The Truth about Me: A Hijra Life Story	R. Steffi and V. Sangeetha	English	Literary Insight	2018	0975-6248	http://generalif.com/jdetails.php?jname=Literary%20Insight:%20A%20Refereed%20International%20Journal	https://www.periyaruniversi	UGC (UGC Care list No. 49284)

1024	Anthropomorphism in Yann Martel's Life of Pi	M. Janani and V.Sangeetha	English	IJRHAS	2018	2455-7803	http://ijrhas.com/	https://www.periyaruniversit	UGC (UGC Care list No. 44274)
1025	Suppression of Female Psyche in Doris Lessing's The Grass is Singing	P.Chitra and V. Sangeetha	English	IJRHAS	2018	2455-7803	http://ijrhas.com/	https://www.periyaruniversit	UGC (UGC Care list No. 44274)
1026	Demystifying Online Healthcare Services	K.Krishnakumar and S. Saranya	Commerce	Emperor International Journal of Finance and Management Research	2018	2395-5929	http://www.eijfmr.com/	https://www.periyaruniversit	UGC (UGC Care list No. 45308)
1027	Issues in Service Quality on Event Management Practices (A Study with reference to unorganized event	M. Arul and K.Krishnakumar	Commerce	Emperor International Journal of Finance and Management Research	2018	2395-5929	http://www.eijfmr.com/	https://www.periyaruniversit	UGC (UGC Care list No. 45308)
1028	Employee Motivation – A study with reference to JSW Steel Limited, Salem works, Salem	K.Krishnakumar and R.Premalatha	Commerce	International Organization of Scientific Research Journal	2018	2279-0837	https://www.iosrjournals.org/iosr-jhss.html?gclid=EAIaIQobChMIgrbh-d_N8QIVB7eWCh2cUA5iEAAYASAAEgKqEfD_BwE	http://www.iosrjournals.org/	UGC (UGC Care list No. 45309)
1029	Compensation Management – A Mechanism for Employee Motivation	K.Krishnakumar and R.Premalatha	Commerce	Bodhi International Journal of Research in Humanities, Arts and Science	2018	2456-5571	http://www.bodhijournals.com/	https://www.periyaruniversit	UGC (UGC Care list No. 45310)
1030	Problem faced by Women Entrepreneurs Participating in EDP	K.Krishnakumar and S. Anu	Commerce	Bodhi International Journal of Research in Humanities, Arts and Science	2018	2456-5571	http://www.bodhijournals.com/	https://www.periyaruniversit	UGC (UGC Care list No. 45311)
1031	Health Issues of Eldelry Malayali Tribes in Yercaud Hills – A Health Oriented Sociological Analysis	P.Sethurajakumar	Sociology	Shanlax International Journal of Arts, Science and Humanities	2018	2321-788X	http://www.shanlaxjournals.in/journals/index.php/sijash	http://www.shanlaxjournals.i	UGC (UGC Care list No. 43960)
1032	A Comparative Study on The Nutrient Contents of Standard and Value-Added Chapatti Developed With Millets, Pulses and Curry Leaves Flour Mix	R.Arivuchudar	Nutrition and Dietetics	World Journal of Pharmaceutical Research	2018	2277-7105	https://www.wjpr.net/	https://1library.net/documer	UGC (UGC Care list No. 47332)
1033	Assessment of Functional Properties of Flour Mix	R.Arivuchudar	Nutrition and Dietetics	International Journal of Food and Fermentation Technology	2018	2249-1570	https://ijfft.com/	http://ndpublisher.in/admin/	UGC (UGC Care list No. 3035)

1034	Formulation and Evaluation of Peanut Flour Incorporated Cookies	R.Arivuchudar	Nutrition and Dietetics	Formulation and Evaluation of Peanut Flour Incorporated Cookies	2018	2250-3498	http://www.foodsciencejournal.com/archives/2018/vol3/issue5/3-5-15	https://www.indianjournals.c	UGC (UGC Care list No. 47557)
1035	The Wellness secrets of a superior beverage: White Tea	R.Arivuchudar	Nutrition and Dietetics	World Journal of Pharmaceutical Research	2018	2277-7105	https://www.wjpr.net/	https://wjpr.net/abstract_shc	UGC (UGC Care list No. 47332)
1036	Preparation and organoleptic evaluation of aloe vera blended ready to serve functional ink	R.Arivuchudar	Nutrition and Dietetics	International Journal of Physiology, Nutrition and Physical Education	2018	2456-0057	https://www.journalofsports.com/	https://www.journalofsports.	UGC (UGC Care list No. 41693)
1037	Experimental and theoretical charge density, intermolecular interactions and electrostatic properties of metronidazole	Kalaiarasi C., George C., Gonnade R.G., Hathwar V.R., Poomani K.	Physics	Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials	2018	20525192	https://journals.iucr.org/b/	https://scripts.iucr.org/cgi-bi	Scopus
1038	Carbon dot sensitized integrative g-C3N4/AgCl Hybrids: An synergetic interaction for enhanced visible light iven photocatalytic process	Matheswaran P., Thangavelu P., Palanivel B.	Physics	Advanced Powder Technology	2018	9218831	https://www.sciencedirect.com/journal/advanced-powder-technology	https://www.sciencedirect.co	Scopus / Web of Science
1039	Molecular characterization of indigenous Bacillus thuringiensis strains isolated from Kashmir valley	Reyaz A.L., Gunapriya L., In a Arulselvi P.	Biotechnology	3 Biotech	2017	2190572X	https://www.springer.com/journal/13205	https://link.springer.com/art	Scopus / Web of Science
1040	Fabrication, optimization, and characterization of noble silver nanoparticles from sugarcane leaf (Saccharum officinarum) extract for antifungal application	Velu M., Lee J.-H., Chang W.-S., Lovanh N., Park Y.-J., Jayanthi P., Palanivel V., Oh B.-T.	Environmental Science	3 Biotech	2017	2190572X	https://www.springer.com/journal/13205	https://link.springer.com/art	Scopus / Web of Science

1041	Green synthesis of silver oxide nanoparticles and its antibacterial activity against dental pathogens	Manikandan V., Velmurugan P., Park J.-H., Chang W.-S., Park Y.-J., Jayanthi P., Cho M., Oh B.-T.	Environmental Science	3 Biotech	2017	2190572X	https://www.springer.com/journal/13205	https://www.ncbi.nlm.nih.gov	Scopus / Web of Science
1042	Carbon Nanofiber/Polycaprolactone/Mineralized Hy oxyapatite Nanofibrous Scaffolds for Potential Orthopedic Applications	Elangomannan S., Louis K., Dharmaraj B.M., Kandasamy V.S., Soundarapandian K., Gopi D.	Chemistry	ACS Applied Materials and Interfaces	2017	19448244	https://pubs.acs.org/journal/aamick	https://pubs.acs.org/doi/10.1	Scopus
1043	Cancer Therapeutic Proficiency of Dual-Targeted Mesoporous Silica Nanocomposite Endorses Combination drug delivery	Murugan C., Venkatesan S., Kannan S.	Zoology	ACS Omega	2017	24701343	https://pubs.acs.org/	https://pubs.acs.org/doi/10.1	Scopus
1044	Temporary fluoride concentration changes in groundwater in the context of impact assessment in the Vaniyar sub-basin, South India	Satheeshkumar S., Venkateswaran S., Kannan R.	Geology	Acta Geochimica	2017	20960956	https://www.springer.com/journal/11631	https://link.springer.com/art	Scopus / Web of Science
1045	Green engineering of biomolecule-coated metallic silver nanoparticles and their potential cytotoxic activity against cancer cell lines	Prasannaraj G., Venkatachalam P.	Biotechnology	Advances in Natural Sciences: Nanoscience and Nanotechnology	2017	20436262	https://iopscience.iop.org/journal/2043-6262	https://iopscience.iop.org/art	Scopus
1046	Gorenstein FI-flat dimension and relative homology	Vasudevan B., Udhayakumar R., Selvaraj C.	Mathematics	Afrika Matematika	2017	10129405	https://www.springer.com/journal/13370	https://link.springer.com/art	Scopus / Web of Science
1047	Evenly partite star factorization of symmetric digraph of wreath product of graphs	Hemalatha P., Muthusamy A.	Mathematics	AKCE International Journal of Graphs and Combinatorics	2017	9728600	https://www.tandfonline.com/toc/uakc20/current	https://www.tandfonline.com	Scopus

1048	Solvent-assisted formation of ruthenium(II)/copper (I) complexes containing thiourea derivatives: Synthesis, crystal structure, density functional theory, enzyme mimetics and in vitro biological perspectives	Vijayan P., Viswanathamurthi P., Sugumar P., Ponnuswamy M.N., Malecki J.G., Velmurugan K., Nandhakumar R., Balakumaran M.D., Kalaichelvan P.T.	Chemistry	Applied Organometallic Chemistry	2017	2682605	https://onlinelibrary.wiley.com/journal/10990739	https://onlinelibrary.wiley.co	Scopus / Web of Science
1049	Evaluation of invitro α-amylase and α-glucosidase inhibitory potential of N2O2 schiff base Zn complex	Balan K., Ratha P., Prakash G., Viswanathamurthi P., Adisakwattana S., Palvannan T.	Chemistry	Arabian Journal of Chemistry	2017	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
1050	Tetradentate-arm Schiff base derived from the condensation reaction of 3,3′-dihy oxybenzidine, glyoxal/diacetyl and 2-aminophenol: Designing, structural elucidation and properties of their binuclear metal(II) complexes	Akila E., Usharani M., Ramachandran S., Jayaseelan P., Velraj G., Rajavel R.	Chemistry	Arabian Journal of Chemistry	2017	18785352	https://www.journals.elsevier.com/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus
1051	Isolation and characterization of multi-potential Rhizobium strain ND2 and its plant growth-promoting activities under Cr(VI) stress	Karthik C., Oves M., Sathya K., Sri Ramkumar V., Arulselvi P.I.	Biotechnology	Archives of Agronomy and Soil Science	2017	3650340	https://www.tandfonline.com/toc/gags20/current	https://www.tandfonline.com	Scopus
1052	Ipomoea batatas (Convolvulaceae)-mediated synthesis of silver nanoparticles for controlling mosquito vectors of Aedes albopictus, Anopheles stephensi, and Culex quinquefasciatus (Diptera:Culicidae)	Pavithra Bharathi V., Ragaven an C., Murugan N., Natarajan D.	Biotechnology	Artificial Cells, Nanomedicine and Biotechnology	2017	21691401	https://www.tandfonline.com/toc/ianb20/current	https://www.tandfonline.com	Scopus

1053	Bio-medically active zinc oxide nanoparticles synthesized by using extremophilic actinobacterium, Streptomyces sp. (MA30) and its characterization	Shanmugasundaram T., Balagurunathan R.	Microbiology	Artificial Cells, Nanomedicine and Biotechnology	2017	21691401	https://www.tandfonline.com/toc/ianb20/current	https://www.tandfonline.com	Scopus
1054	Green synthesis of selenium nanoparticles conjugated Clausena dentata plant leaf extract and their insecticidal potential against mosquito vectors	Sowndarya P., Ramkumar G., Shivakumar M.S.	Biotechnology	Artificial Cells, Nanomedicine and Biotechnology	2017	21691401	https://www.tandfonline.com/toc/ianb20/current	https://www.tandfonline.com	Scopus
1055	Structural characterization and evaluation of mosquito-larvicidal property of silver nanoparticles synthesized from the seaweed, Turbinaria ornata (Turner) J. Agardh 1848	Deepak P., Sowmiya R., Ramkumar R., Balasubramani G., Aiswarya D., Perumal P.	Biotechnology	Artificial Cells, Nanomedicine and Biotechnology	2017	21691401	https://www.tandfonline.com/toc/ianb20/current	https://www.tandfonline.com	Scopus
1056	Lantana camara Linn root extract-mediated gold nanoparticles and their in vitro antioxidant and cytotoxic potentials	Ramkumar R., Balasubramani G., Raja R.K., Raja M., Govindan R., Girija E.K., Perumal P.	Biotechnology	Artificial Cells, Nanomedicine and Biotechnology	2017	21691401	https://www.tandfonline.com/toc/ianb20/current	https://www.tandfonline.com	Scopus
1057	The sensitivity and specificity of KOH and fungal culture in the evaluation of dermatophytes	Arthi R., Madumathir, Prasanth D.A.	Microbiology	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2017	9723005	http://www.envirobiotechjournals.com/journal_details.php?jid=1	https://www.hindawi.com/jo	Scopus
1058	Central composite design optimization of fluoride removal by spirogyra biomass	Sivarajasekar N., Paramasivam T., Subashini R., Maran J.P., Kandasamy S.	Biotechnology	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2017	9723005	http://www.envirobiotechjournals.com/journal_details.php?jid=1	http://www.envirobiotechjou	Scopus
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1061	Optimization study on extraction & purification of phycoerythrin from red algae Kappaphycus Alvarezii	Sharmila Banu V.M., Santhosh S., Hemalatha V., Venkatakrishnan V., Dhandapani R.	Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://innovareacademics.in/journals/index.php/ajpcr/index	https://www.scopus.com/rec	Scopus
1062	Computational studies on different types of apoptotic proteins docked with a dietary flavonoid eriodictyol in colon cancer	Palani M., Natesan K., Vaiyapuri M.	Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2017	9742441	https://innovareacademics.in/journals/index.php/ajpcr/index	https://www.scopus.com/rec	Scopus
1063	Antimicrobial, antitubercular and antiproliferative activities of quercetin isolated from the marine Streptomyces fradiae	Gopikrishnan V., Radhakrishnan M., Pazhanimurugan R., Shanmugasundaram T., Balagurunathan R.	Microbiology	Bangladesh Journal of Pharmacology	2017	1991007X	https://www.banglajol.info/index.php/BJP/index	https://www.banglajol.info/i	Scopus
1064	Synthesis, characterization and evaluation of antidiabetic activity of novel indoline derivatives	Manoharan D., Kulanthai K., Sadhasivam G., Raji V., Thayumanavan P.	Chemistry	Bangladesh Journal of Pharmacology	2017	1991007X	https://www.banglajol.info/index.php/BJP/index	https://www.banglajol.info/i	Scopus
1065	Role of silver nitrate in plant regeneration from cotyledonary nodal segment explants of Prosopis cineraria (L.) uce.: A recalcitrant medicinal leguminous tree	Venkatachalam P., Jinu U., Gomathi M., Mahen an D., Ahmad N., Geetha N., Sahi S.V.	Biotechnology	Biocatalysis and Agricultural Biotechnology	2017	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
1066	Anti-cancer, anti-microbial and anti-oxidant properties of Acacia nilotica and their chemical profiling	Revathi S., Govindarajan R.K., Rameshkumar N., Hakkim F.L., Mohammed A.-B., Krishnan M., Kayalvizhi N.	Zoology	Biocatalysis and Agricultural Biotechnology	2017	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science

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1068	Production and optimization of biohy ogen from saccharolytic actinobacterium, Streptomyces rubiginosus (SM16), using sugarcane molasses	Sivarajan A., Shanmugasundaram T., Thirumalairaj J., Balagurunathan R.	Microbiology	Biofuels	2017	17597269	https://www.tandfonline.com/toc/tbfu20/current	https://www.tandfonline.com	Scopus
1069	Optimization and mass culture of Acutodesmus obliquus RDS01 under open phototrophic pond cultivation for enhancing biodiesel production	Silambarasan T.S., Bajwa K., Dhandapani R.	Microbiology	Biofuels	2017	17597269	https://www.tandfonline.com/toc/tbfu20/current	https://www.tandfonline.com	Scopus
1070	Circadian variation affects the biology and digestive profiles of a nocturnal insect Spodoptera litura (Insecta: Lepidoptera)	Subala S.P., Shivakumar M.S.	Biotechnology	Biological Rhythm Research	2017	9291016	https://www.tandfonline.com/toc/nbrr20/current	https://www.tandfonline.com	Scopus
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1073	Influence of donor substitution at D−π−A architecture in efficient sensitizers for dye-sensitized solar cells: first-principle study	Arunkumar A., Prakasam M., Anbarasan P.M.	Physics	Bulletin of Materials Science	2017	2504707	https://www.springer.com/journal/12034	https://link.springer.com/art	Scopus
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1075	One step method to synthesize flower-like hy oxyapatite architecture using mussel shell bio-waste as a calcium source	Kumar G.S., Girija E.K., Venkatesh M., Karunakaran G., Kolesnikov E., Kuznetsov D.	Physics	Ceramics International	2017	2728842	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.co	Scopus / Web of Science
1076	Synthesis, Biological Evaluation and Molecular Docking of Novel Curcumin Derivatives as Bcl-2 Inhibitors Targeting Human Breast Cancer MCF-7 Cells	Bhuvaneswari K., Sivaguru P., Lalitha A.	Chemistry	ChemistrySelect	2017	23656549	https://chemistry-europe.onlinelibrary.wiley.com/	https://chemistry-europe.onl	Scopus / Web of Science
1077	An Organocatalytic Novel Synthesis of Polyfunctionalized Bis 2,5-dihy ofuran-3-carboxylates via Domino-MCR Strategy	Ramesh R., Meignanasundar D., Lalitha A.	Chemistry	ChemistrySelect	2017	23656549	https://www.chemistryviews.org/view/0/index.html	https://chemistry-europe.onl	Scopus

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1081	Alteration of paraoxonase, arylesterase and lactonase activities in people around fluoride endemic area of Tamil Nadu, India	Arulkumar M., Vijayan R., Penislusshiyan S., Sathishkumar P., Angayarkanni J., Palvannan T.	Biochemistry	Clinica Chimica Acta	2017	98981	https://www.sciencedirect.com/journal/clinica-chimica-acta	https://www.sciencedirect.co	Scopus / Web of Science
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1085	Evaluation of yopteris cochleata leaf extracts as green inhibitor for corrosion of aluminium in 1 M H2SO4	Nathiya R.S., Raj V.	Chemistry	Egyptian Journal of Petroleum	2017	11100621	https://www.sciencedirect.com/journal/egyptian-journal-of-petroleum	https://www.sciencedirect.co	Scopus / Web of Science
1086	Binary composite of polyaniline/copper cobaltite for high performance asymmetric supercapacitor application	Omar F.S., Numan A., Duraisamy N., Ramly M.M., Ramesh R., Ramesh R.	Chemistry	Electrochimica Acta	2017	134686	https://www.sciencedirect.com/journal/electrochimica-acta	https://www.sciencedirect.co	Scopus / Web of Science
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1088	Environmentally benign antifouling activity and toxic properties of bioactive metabolites from mangrove Excoecaria agallocha L	Ramasubburayan R., Prakash S., Venkatesan S., Palavesam A., Immanuel G.	Environmental Science	Environmental Science and Pollution Research	2017	9441344	https://www.springer.com/journal/11356	https://link.springer.com/art	Scopus / Web of Science
1089	Waste-to-biofuel: production of biobutanol from sago waste residues	Johnravindar D., Murugesan K., Wong J.W.C., Elangovan N.	Biotechnology	Environmental Technology (United Kingdom)	2017	9593330	https://www.tandfonline.com/toc/tent20/current	https://www.tandfonline.com	Scopus
1090	Pre-treatment with melatonin decreases abamectin induced toxicity in a nocturnal insect Spodoptera litura (Lepidoptera: Noctuidae)	Subala S.P., Zubero E.E., Alatorre-Jimenez M.A., Shivakumar M.S.	Biotechnology	Environmental Toxicology and Pharmacology	2017	13826689	https://www.sciencedirect.com/journal/environmental-toxicology-and-pharmacology	https://www.sciencedirect.co	Scopus / Web of Science

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1093	Biotoxic Effect of Chromium (VI) on Plant Growth-Promoting Traits of Novel Cellulosimicrobium funkei Strain AR8 Isolated from Phaseolus vulgaris Rhizosphere	Karthik C., Arulselvi P.I.	Biotechnology	Geomicrobiology Journal	2017	1490451	https://www.tandfonline.com/toc/ugmb20/current	https://www.tandfonline.com	Scopus
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1095	Early Cenozoic rapid flight enigma of the Indian subcontinent resolved: Roles of topographic top loading and subcrustal erosion	Ramkumar M., Menier D., Mathew M., Santosh M., Siddiqui N.A.	Geology	Geoscience Frontiers	2017	16749871	https://www.sciencedirect.com/journal/geoscience-frontiers	https://www.sciencedirect.co	Scopus / Web of Science
1096	A STUDY ON MAKE IN INDIA THROUGH RETAINING YOUTH IN AGRICULTURE	.M.Suryakumar	Management Studies	Global Journal of Research Analysis	2017	22778160	https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/issues.php?m=August&y=2017&id=67	https://www.worldwidejourn	Scopus

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1098	Multivariate analysis for river water quality assessment of the Cauvery River, Tamil Nadu, India	Karthikeyan P., Venkatachalapathy R., Vennila G.	Geology	Indian Journal of Geo-Marine Sciences	2017	9751033	http://nopr.niscair.res.in/handle/123456789/3	http://nopr.niscair.res.in/han	Scopus
1099	Ruthenium(II) complexes encompassing 2-oxo-1,2-dihy oquinoline-3-carbaldehyde thiosemicarbazone hybrid ligand: A new versatile potential catalyst for dehy ogenative amide synthesis	Selvamurugan S., Ramachandran R., Prakash G., Nirmala M., Viswanathamurthi P., Fujiwara S., Endo A.	Chemistry	Inorganica Chimica Acta	2017	201693	https://www.sciencedirect.com/journal/inorganica-chimica-acta	https://www.sciencedirect.co	Scopus / Web of Science
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1101	Enhanced biodegradation and detoxification of malachite green by Trichoderma asperellum laccase: Degradation pathway and product analysis	Shanmugam S., Ulaganathan P., Swaminathan K., Sadhasivam S., Wu Y.-R.	Microbiology	International Biodeterioration and Biodegradation	2017	9648305	https://www.sciencedirect.com/journal/international-biodeterioration-and-biodegradation	https://www.sciencedirect.co	Scopus / Web of Science
1102	An M/ E K / 1 / N Queueing-Inventory System with Two Service Rates Based on Queue Lengths	Jeganathan K., Reiyas M.A., Padmasekaran S., Lakshmanan K.	Mathematics	International Journal of Applied and Computational Mathematics	2017	23495103	https://www.springer.com/journal/40819	https://link.springer.com/art	Scopus / Web of Science

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1104	Protein regulation and Apoptotic induction in human breast carcinoma cells (MCF-7) through lectin from G. beauts	Ponraj T., Paulpandi M., Vivek R., Vimala K., Kannan S.	Zoology	International Journal of Biological Macromolecules	2017	1418130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://www.sciencedirect.co	Scopus / Web of Science
1105	Indole-3-acetic acid/diol based pH-sensitive biological macromolecule for antibacterial, antifungal and antioxidant applications	Chitra C., D.S. F., Sudarsan S., Sakthivel S., Guhanathan S.	Chemistry	International Journal of Biological Macromolecules	2017	1418130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://www.sciencedirect.co	Scopus / Web of Science
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1107	Landslide hazard zonation mapping and cut slope stability analyses along Yercaud ghat road (Kuppanur–Yercaud) section, Tamil Nadu, India	Ramesh V., Mani S., Baskar M., Kavitha G., Anbazhagan S.	Centre for Geoinformatics and Planetary Studies	International Journal of Geo-Engineering	2017	20929196	https://www.springer.com/journal/40703	https://link.springer.com/art	Scopus / Web of Science
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1114	A promising binary nanocomposite of zinc cobaltite intercalated with polyaniline for supercapacitor and hy azine sensor	Omar F.S., Numan A., Duraisamy N., Bashir S., Ramesh K., Ramesh S.	Chemistry	Journal of Alloys and Compounds	2017	9258388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.co	Scopus / Web of Science
1115	Investigations on nickel ferrite embedded calcium phosphate nanoparticles for biomedical applications	Ruthradevi T., Akbar J., Suresh Kumar G., Thamizhavel A., Kumar G.A., Vatsa R.K., Dannangoda G.C., Martirosyan K.S., Girija E.K.	Physics	Journal of Alloys and Compounds	2017	9258388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.co	Scopus / Web of Science
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1120	Understanding the conformational flexibility and electrostatic properties of curcumin in the active site of rhAChE via molecular docking, molecular dynamics, and charge density analysis	Saravanan K., Kalaiarasi C., Kumaradhas P.	Physics	Journal of Biomolecular Structure and Dynamics	2017	7391102	https://www.tandfonline.com/toc/tbsd20/current	https://www.tandfonline.com	Scopus
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1125	Enhanced Antibacterial, Anti-biofilm and Antioxidant (ROS) Activities of Biomolecules Engineered Silver Nanoparticles Against Clinically Isolated Gram Positive and Gram Negative Microbial Pathogens	Prasannaraj G., Venkatachalam P.	Biotechnology	Journal of Cluster Science	2017	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science
1126	Biofabrication of Cubic Phase Silver Nanoparticles Loaded with Phytochemicals from Solanum nigrum Leaf Extracts for Potential Antibacterial, Antibiofilm and Antioxidant Activities Against M Human Pathogens	Jinu U., Jayalakshmi N., Sujima Anbu A., Mahen an D., Sahi S., Venkatachalam P.	Biotechnology	Journal of Cluster Science	2017	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science
1127	Enhanced Antibacterial and Cytotoxic Activity of Phytochemical Loaded-Silver Nanoparticles Using Curculigo orchioides Leaf Extracts with Different Extraction Techniques	Venkatachalam P., Kayalvizhi T., Udayabanu J., Benelli G., Geetha N.	Biotechnology	Journal of Cluster Science	2017	10407278	https://www.springer.com/journal/10876	https://link.springer.com/art	Scopus / Web of Science

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1132	Organoruthenium(II) compounds with pyridyl benzoxazole/benzthiazole moiety: studies on DNA/protein binding and enzyme mimetic activities	Gomathi A., Vijayan P., Viswanathamurthi P., Suresh S., Nandhakumar R., Hashimoto T.	Chemistry	Journal of Coordination Chemistry	2017	958972	https://www.tandfonline.com/toc/gcoo20/current	https://www.tandfonline.com	Scopus
1133	Antifungal and insecticidal activities of Raphanus sativus mediated AgNPs against mango leafhopper, Amritodus brevistylus and its associated fungus, Aspergillus niger	Shanmugapriya R., Nareshkumar A., Meenambigai K., Kokila R., Shebriya A., Chandhirasekar K., Manikandan A.T., Munusamy C.	Zoology	Journal of Entomological and Acarological Research	2017	2038324X	https://www.pagepressjournals.org/index.php/jear/index	https://www.pagepressjourna	Scopus

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1139	Evaluation of Cr(VI) reduction mechanism and removal by Cellulosimicrobium funkei strain AR8, a novel haloalkaliphilic bacterium	Karthik C., Barathi S., Pugazhendhi A., Ramkumar V.S., Thi N.B.D., Arulselvi P.I.	Biotechnology	Journal of Hazardous Materials	2017	3043894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://linkinghub.elsevier.co	Scopus / Web of Science
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1145	Indole-3-acetic acid based tunable hy ogels for antibacterial, antifungal and antioxidant applications	Chitra G., Franklin D.S., Guhanathan S.	Chemistry	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	2017	10601325	https://www.tandfonline.com/toc/lmsa20/current	https://www.tandfonline.com	Scopus
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1152	Structural, spectral, DFT and biological studies on macrocyclic mononuclear ruthenium (II) complexes	Muthukkumar M., Kamal C., Venkatesh G., Kaya C., Kaya S., Enoch I.V.M.V., Vennila P., Rajavel R.	Chemistry	Journal of Molecular Structure	2017	222860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.co	Scopus / Web of Science

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1154	Density functional theory analysis and molecular docking evaluation of 1-(2, 5-dichloro-4-sulfophenyl)-3-methyl-5-pyrazolone as COX2 inhibitor against inflammatory diseases	Kavitha T., Velraj G.	Physics	Journal of Molecular Structure	2017	222860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.co	Scopus / Web of Science
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1156	Intermolecular hy ogen bonding, structural and vibrational assignments of 2, 3, 4, 5-tetrafluorobenzoic acid using density functional theory	Subhapriya G., Kalyanaraman S., Surumbarkuzhali N., Vijayalakshmi S., Krishnakumar V., Gandhimathi S.	Physics	Journal of Molecular Structure	2017	222860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.co	Scopus / Web of Science
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1162	Hepatoprotective effect of engineered silver nanoparticles coated bioactive compounds against diethylnitrosamine induced hepatocarcinogenesis in experimental mice	Govindaraj P., Perumal V.	Biotechnology	Journal of Photochemistry and Photobiology B: Biology	2017	10111344	https://www.sciencedirect.com/journal/journal-of-photochemistry-and-photobiology-b-biology	https://www.sciencedirect.co	Scopus / Web of Science
1163	Ni(II) incorporated MCM-41 material—heterogeneous catalyst for the C–S and C–N cross coupling reactions	Moorthy M., Govindaraj A., Madheswaran B., Kannan B., Rangappan R.	Chemistry	Journal of Porous Materials	2017	13802224	https://www.springer.com/journal/10934	https://link.springer.com/art	Scopus / Web of Science

1164	Synthesis and catalytic properties of copper(II) Schiff-base complex immobilized silica materials	Anbarasu G., Malathy M., Rajavel R.	Chemistry	Journal of Porous Materials	2017	13802224	https://www.springer.com/journal/10934	https://link.springer.com/art	Scopus / Web of Science
1165	Mesoporous Pt–Ni catalyst and their electro catalytic activity towards methanol oxidation	Mohanapriya S., Suganthi S., Raj V.	Chemistry	Journal of Porous Materials	2017	13802224	https://www.springer.com/journal/10934	https://link.springer.com/art	Scopus / Web of Science
1166	Molecular characterization and evaluation of two potential mosquitocidal Lysinibacillus strains from himalayan valley Kashmir	Lone R.A., Arulselvi P.I.	Biotechnology	Journal of Pure and Applied Microbiology	2017	9737510	https://microbiologyjournal.org/	https://microbiologyjournal.c	Scopus
1167	Effect of applied pesticide on the microbial system of agriculture soil	Janarthanan R., Murugan A.	Microbiology	Journal of Pure and Applied Microbiology	2017	9737510	https://microbiologyjournal.org/	https://microbiologyjournal.c	Scopus
1168	Optical, photoconducting, thermal and anisotropic mechanical behaviours of Benzimidazolium salicylate single crystals	Jeyaram J., Varadharajan K., Singaram B., Rajendhran R.	Physics	Journal of Science: Advanced Materials and Devices	2017	24682284	https://www.sciencedirect.com/journal/journal-of-science-advanced-materials-and-devices	https://www.sciencedirect.co	Scopus / Web of Science
1169	Poly(ophenylenediaminecoaniline)/ZnO coated on passivated low nickel stainless steel	Karthikeyan P., Malathy M., Rajavel R.	Chemistry	Journal of Science: Advanced Materials and Devices	2017	24682284	https://www.sciencedirect.com/journal/journal-of-science-advanced-materials-and-devices	https://www.sciencedirect.co	Scopus / Web of Science
1170	Influences of sintering temperatures and crystallite sizes on electrochemical properties of LiNiPO4 as cathode materials via sol–gel route for lithium ion batteries	Rajammal K., Sivakumar D., Duraisamy N., Ramesh K., Ramesh S.	Physics	Journal of Sol-Gel Science and Technology	2017	9280707	https://www.springer.com/journal/10971	https://link.springer.com/art	Scopus / Web of Science

1171	Silica functionalized Cu(II) acetylacetonate Schiff base complex: An efficient catalyst for the oxidative condensation reaction of benzyl alcohol with amines	Anbarasu G., Malathy M., Karthikeyan P., Rajavel R.	Chemistry	Journal of Solid State Chemistry	2017	224596	https://www.sciencedirect.com/journal/journal-of-solid-state-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
1172	An enhanced performance of hybrid supercapacitor based on polyaniline-manganese phosphate binary composite	Lee C.C., Omar F.S., Numan A., Duraisamy N., Ramesh K., Ramesh S.	Physics	Journal of Solid State Electrochemistry	2017	14328488	https://www.springer.com/journal/10008	https://link.springer.com/art	Scopus / Web of Science
1173	Hybrid membranes for polymer electrolyte fuel cells operating under various relative humidity values	Mohanapriya S., Rambabu G., Bhat S.D., Raj V.	Chemistry	Journal of Solid State Electrochemistry	2017	14328488	https://www.springer.com/journal/10008	https://link.springer.com/art	Scopus / Web of Science
1174	Phytochemical profiling of Turbinaria ornata and its antioxidant and anti-proliferative effects	Deepak P., Sowmiya R., Balasubramani G., Perumal P.	Biotechnology	Journal of Taibah University Medical Sciences	2017	16583612	https://www.sciencedirect.com/journal/journal-of-taibah-university-medical-sciences	https://www.sciencedirect.co	Scopus / Web of Science
1175	Synthesis, Characterization, and Catalytic Behavior of Bamboo Rice Husk Ash	Maheswari C.S., Ramesh R., Lalitha A.	Chemistry	Journal of the Chinese Chemical Society	2017	94536	https://onlinelibrary.wiley.com/journal/21926549	https://onlinelibrary.wiley.co	Scopus / Web of Science
1176	Biosorption and biotransformation of Cr(VI) by novel Cellulosimicrobium funkei strain AR6	Karthik C., Ramkumar V.S., Pugazhendhi A., Gopalakrishnan K., Arulselvi P.I.	Biotechnology	Journal of the Taiwan Institute of Chemical Engineers	2017	18761070	https://www.sciencedirect.com/journal/journal-of-the-taiwan-institute-of-chemical-engineers	https://www.sciencedirect.co	Scopus / Web of Science
1177	A self organized spectral key authentication for secured transmission in MANET	Inamdar C., chandrasekar C., Nithya Rekha S.	Computer Science	Journal of Theoretical and Applied Information Technology	2017	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1178	A new approach on step clustering based greedy routing in vehicular ad hoc networks	Jagadeesan M., chandrasekar C., Jayasudha K.	Computer Science	Journal of Theoretical and Applied Information Technology	2017	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus

1179	Gene based multivariate biometric user access control and authentication for social networks communication	Sivasubramaniam J., chandrasekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2017	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1180	An efficient delay aware quality relation based routing tree on wireless network	Raju P., chandra Sekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2017	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1181	Bioremoval of trace metals from rhizosediment by mangrove plants in Indian Sundarban Wetland	Chowdhury R., Favas P.J.C., Jonathan M.P., Venkatachalam P., Raja P., Sarkar S.K.	Biotechnology	Marine Pollution Bulletin	2017	0025326X	https://www.sciencedirect.com/journal/marine-pollution-bulletin	https://www.sciencedirect.co	Scopus / Web of Science
1182	Fluorapatite coated iron oxide nanostructure for biomedical applications	Karthi S., Kumar G.A., Sardar D.K., Dannangoda G.C., Martirosyan K.S., Girija E.K.	Physics	Materials Chemistry and Physics	2017	2540584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://www.sciencedirect.co	Scopus / Web of Science
1183	Sodium alginate–polyvinyl alcohol–bovin serum albumin coated Fe3O4 nanoparticles as anticancer drug delivery vehicle: Doxorubicin loading and in vitro release study and cytotoxicity to HepG2 and L02 cells	Prabha G., Raj V.	Chemistry	Materials Science and Engineering C	2017	9284931	https://www.sciencedirect.com/journal/materials-science-and-engineering-c	https://www.sciencedirect.co	Scopus / Web of Science
1184	Tailor made alginate hy ogel for local infection prophylaxis in orthopedic applications	Sangeetha K., Girija E.K.	Physics	Materials Science and Engineering C	2017	9284931	https://www.sciencedirect.com/journal/materials-science-and-engineering-c	https://www.sciencedirect.co	Scopus / Web of Science
1185	Scavenging free radicals and soaring osteoinduction by extra cellular matrix protein–based nanocomposites on degenerative bone treatments	Kandiah K., Duraisamy N., Amirthalingam V., Ramasamy B.	Microbiology	Materials Science and Engineering C	2017	9284931	https://www.sciencedirect.com/journal/materials-science-and-engineering-c	https://www.sciencedirect.co	Scopus / Web of Science

1186	Investigation on Au-nano incorporated pH-sensitive (itaconic acid/acrylic acid/triethylene glycol) based polymeric biocompatible hy ogels	Sakthivel M., Franklin D.S., Sudarsan S., Chitra G., Guhanathan S.	Chemistry	Materials Science and Engineering C	2017	9284931	https://www.sciencedirect.com/journal/materials-science-and-engineering-c	https://www.sciencedirect.co	Scopus / Web of Science
1187	Selenium nanoparticles synthesized in aqueous extract of Allium sativum perturbs the structural integrity of Calf thymus DNA through intercalation and groove binding	Ezhuthupurakkal P.B., Polaki L.R., Suyavaran A., Subastri A., Sujatha V., Thirunavukkarasu C.	Chemistry	Materials Science and Engineering C	2017	9284931	https://www.sciencedirect.com/journal/materials-science-and-engineering-c	https://www.sciencedirect.co	Scopus / Web of Science
1188	Renormalized and Entropy Solutions of Tumor Growth Model with Nonlinear Acid Production	Lingeshwaran S., Nallasamy D.M., Shanmugasundaram K.	Mathematics	Mathematical Modelling and Analysis	2017	13926292	https://www.tandfonline.com/toc/tmma20/current	https://www.tandfonline.com	Scopus
1189	Controllability of semilinear stochastic delay systems with distributed delays in control	Karthikeyan S., Sathya M., Balachandran K.	Mathematics	Mathematics of Control, Signals, and Systems	2017	9324194	https://www.springer.com/journal/498	https://link.springer.com/art	Scopus / Web of Science
1190	Ninjurin 1 gene asp110ala genetic variants as a susceptibility factor in nerve damage leprosy patients of India	Sundaramoorthy A., Hemachandran K., Ramachandran C., Keshavarao S., Calistus Jude A.L., Karuppaiya V., Gopalakrishnan A.V.	Zoology	Meta Gene	2017	22145400	https://www.sciencedirect.com/journal/meta-gene	https://www.sciencedirect.co	Scopus / Web of Science
1191	Emergence of multi ug resistance among soil bacteria exposing to insecticides	Rangasamy K., Murugan A., Devarajan N., Parray J.A.	Microbiology	Microbial Pathogenesis	2017	8824010	https://www.sciencedirect.com/journal/microbial-pathogenesis	https://www.sciencedirect.co	Scopus / Web of Science

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1193	Characterization of multifarious plant growth promoting traits of rhizobacterial strain AR6 under Chromium (VI) stress	Karthik C., Elangovan N., Kumar T.S., Govindharaju S., Barathi S., Oves M., Arulselvi P.I.	Biotechnology	Microbiological Research	2017	9445013	https://www.sciencedirect.com/journal/microbiological-research	https://www.sciencedirect.co	Scopus / Web of Science
1194	Spatial mapping of groundwater potential in Ponnaiyar River basin using probabilistic-based frequency ratio model	Jothibasu A., Anbazhagan S.	Centre for Geoinformatics and Planetary Studies	Modeling Earth Systems and Environment	2017	23636203	https://www.springer.com/journal/40808	https://link.springer.com/art	Scopus / Web of Science
1195	Antioxidant, anticancer and electrochemical redox properties of new bis(2,3-dihy oquinazolin-4(1H)-one) derivatives	Sivaguru P., Parameswaran K., Lalitha A.	Chemistry	Molecular Diversity	2017	13811991	https://www.springer.com/journal/11030	https://www.readcube.com/a	Scopus / Web of Science
1196	Green synthesis and antibacterial activity of hy oxyapatite nanorods for orthopedic applications	Kumar G.S., rajendran S., Karthi S., Govindan R., Girija E.K., Karunakaran G., Kuznetsov D.	Physics	MRS Communications	2017	21596859	https://www.springer.com/journal/43579	https://link.springer.com/art	Scopus / Web of Science
1197	Biocompatible silver, gold and silver/gold alloy nanoparticles for enhanced cancer therapy: In vitro and in vivo perspectives	Shanmugasundaram T., Radhakrishnan M., Gopikrishnan V., Kadirvelu K., Balagurunathan R.	Microbiology	Nanoscale	2017	20403364	https://pubs.rsc.org/en/journals/journalissues/nr#!recentarticles&adv	https://pubs.rsc.org/en/conte	Scopus / Web of Science

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1199	Cut slope stability assessment along ghat road section of Kolli hills, India	Anbazhagan S., Ramesh V., Saranaathan S.E.	Geology	Natural Hazards	2017	0921030X	https://www.springer.com/journal/11069	https://link.springer.com/art	Scopus / Web of Science
1200	PSO-based feature selection and neighborhood rough set-based classification for BCI multiclass motor imagery task	Udhaya Kumar S., Hannah Inbarani H.	Computer Science	Neural Computing and Applications	2017	9410643	https://www.springer.com/journal/521	https://link.springer.com/art	Scopus / Web of Science
1201	Covering-based rough set classification system	Senthil Kumar S., Hannah Inbarani H., Azar A.T., Polat K.	Computer Science	Neural Computing and Applications	2017	9410643	https://www.springer.com/journal/521	https://link.springer.com/art	Scopus / Web of Science
1202	Tolerance rough set firefly-based quick reduct	Ganesan J., Inbarani H.H., Azar A.T., Polat K.	Computer Science	Neural Computing and Applications	2017	9410643	https://www.springer.com/journal/521	https://link.springer.com/art	Scopus / Web of Science
1203	Improved dominance rough set-based classification system	Azar A.T., Inbarani H.H., Renuga Devi K.	Computer Science	Neural Computing and Applications	2017	9410643	https://www.springer.com/journal/521	https://link.springer.com/art	Scopus / Web of Science
1204	Diospyros Montana leaf extract-mediated synthesis of selenium nanoparticles and their biological applications	Kokila K., Elavarasan N., Sujatha V.	Chemistry	New Journal of Chemistry	2017	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1205	Bioformulation of silver nanoparticles as berberine carrier cum anticancer agent against breast cancer	Bhanumathi R., Vimala K., Shanthi K., Thangaraj R., Kannan S.	Zoology	New Journal of Chemistry	2017	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	https://pubs.rsc.org/en/conte	Scopus / Web of Science

1206	Electrochemical deposition of a Zn-HNT/p(EDOT-: Co -EDOP) nanocomposite on LN SS for anti-bacterial and anti-corrosive applications	Karthikeyan P., Mitu L., Pandian K., Anbarasu G., Rajavel R.	Chemistry	New Journal of Chemistry	2017	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1207	β-Sitosterol isolated from rice hulls as an efficient corrosion inhibitor for mild steel in acidic environments	Prabakaran M., Kim S.-H., Sasireka A., Hemapriya V., Chung I.-M.	Chemistry	New Journal of Chemistry	2017	11440546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1208	Synthesis of ZnO nanoparticles using leaf extract of: Tectona grandis (L.) and their anti-bacterial, anti-arthritic, anti-oxidant and in vitro cytotoxicity activities	Senthilkumar N., Nandhakumar E., Priya P., Soni D., Vimalan M., Vetha Potheher I.	Physics	New Journal of Chemistry	2017	11440546	https://pubs.rsc.org/--/journals/journalissues/nj#!recentarticles&adv	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1209	Localized discrete breather modes in neuronal microtubules	Kavitha L., Parasuraman E., Muniyappan A., Gopi D., Z avković S.	Physics	Nonlinear Dynamics	2017	0924090X	https://www.springer.com/journal/11071	https://link.springer.com/art	Scopus / Web of Science
1210	Homomorphism and anti-homomorphism in interval valued fuzzy soft subhemirings of a hemiring	Anitha N., Lambodharan V.	Mathematics	Nonlinear Studies	2017	13598678	http://www.nonlinearstudies.com/index.php/nonlinear	http://ripublication.com/ijfm	Scopus
1211	Tight focusing properties of phase modulated transversely polarized sinh Gaussian beam	Sundaram C.M., Prabakaran K., Anbarasan P.M., Rajesh K.B., Musthafa A.M., Aroulmoji V.	Physics	Optical and Quantum Electronics	2017	3068919	https://www.springer.com/journal/11082	https://link.springer.com/art	Scopus / Web of Science
1212	Study on the effect of annealing temperature and photocatalytic properties of TbMnO3 nanoparticles	Kumar R.D., Thangappan R., Jayavel R.	Energy Science	Optik	2017	304026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.co	Scopus / Web of Science

1213	An insight into antibacterial and anticancer activity of homo and hetero binuclear Schiff base complexes	Parasuraman B., rajendran J., Rangappan R.	Chemistry	Oriental Journal of Chemistry	2017	0970020X	http://www.orientjchem.org/	http://www.orientjchem.org/	Scopus
1214	Structural and theoretical investigation of N′-[(E)-(4-Bromophenyl)(phenyl)methylidene]-4-methyl benzene sulfonohy azide crystal prepared by slow evaporation method	Mohan V., Maadeswaran P., Babu B., chandrasekaran J.	Energy Science	Oriental Journal of Chemistry	2017	0970020X	http://www.orientjchem.org/	https://link.springer.com/art	Scopus
1215	Antibacterial efficacy of silver nanoparticles and ethyl acetate's metabolites of the potent halophilic (marine) bacterium, Bacillus cereus A30 on multi ug resistant bacteria	Arul D., Balasubramani G., Balasubramanian V., Natarajan T., Perumal P.	Biotechnology	Pathogens and Global Health	2017	20477724	https://www.tandfonline.com/toc/ypgh20/current	https://www.tandfonline.com	Scopus
1216	Reprint of: Silver and titanium dioxide nanoparticle toxicity in plants: A review of current research	Cox A., Venkatachalam P., Sahi S., Sharma N.	Biotechnology	Plant Physiology and Biochemistry	2017	9819428	https://www.sciencedirect.com/journal/plant-physiology-and-biochemistry	https://www.sciencedirect.co	Scopus / Web of Science
1217	Zinc oxide nanoparticles (ZnONPs) alleviate heavy metal-induced toxicity in Leucaena leucocephala seedlings: A physiochemical analysis	Venkatachalam P., Jayaraj M., Manikandan R., Geetha N., Rene E.R., Sharma N.C., Sahi S.V.	Biotechnology	Plant Physiology and Biochemistry	2017	9819428	https://www.sciencedirect.com/journal/plant-physiology-and-biochemistry	https://www.sciencedirect.co	Scopus / Web of Science
1218	Enhanced plant growth promoting role of phycomolecules coated zinc oxide nanoparticles with P supplementation in cotton (Gossypium hirsutum L.)	Venkatachalam P., Priyanka N., Manikandan K., Ganeshbabu I., Indiraarulselvi P., Geetha N., Muralikrishna K., Bhattacharya R.C., Tiwari M., Sharma N., Sahi S.V.	Biotechnology	Plant Physiology and Biochemistry	2017	9819428	https://www.sciencedirect.com/journal/plant-physiology-and-biochemistry	https://www.sciencedirect.co	Scopus / Web of Science

1219	Efficient ecofriendly bioremediation of crude oil waste by extremophilic marine Streptomyces indiaensis ACT 7 and Streptomyces hygroscopicus ACT 14	Priya B.S., Stalin T., Selvam K.	Botany	Pollution Research	2017	2578050	http://www.envirobiotechjournals.com/journal_details.php?jid=5	http://www.envirobiotechjou	Scopus
1220	Corrigendum to "Enhanced catalytic activity towards one-pot hy oxylation of phenol with hy ogen peroxide by nickel(II) complex encompassing 3-formylchromone-S-methylisothiosemicarbazone derivatives" (polyhedron (2017) 124 (77–85)(S0277538716306829)(10.1016/j.poly.2016.12.031))	Vijayan P., Anitha P., Rajeshkumar M., Viswanathamurthi P., Sugumar P., Nanjappagounder Ponnuswamy M.	Chemistry	polyhedron	2017	2775387	https://www.journals.elsevier.com/polyhedron	https://www.sciencedirect.co	Scopus
1221	Enhanced catalytic activity towards one-pot hy oxylation of phenol with hy ogen peroxide by nickel(II) complex encompassing 3-formylchromone-S-methylisothiosemicarbazone derivatives	Vijayan P., Anitha P., Rajeshkumar M., Viswanathamurthi P., Sugumar P., Ponnuswamy M.N.	Chemistry	polyhedron	2017	2775387	https://www.sciencedirect.com/journal/polyhedron	https://www.sciencedirect.co	Scopus / Web of Science
1222	Preparation, antimicrobial and antioxidant evaluation of indole-3-acetic acid-based pH-responsive bio-nanocomposites	Chitra G., Franklin D.S., Sudarsan S., Sakthivel M., Guhanathan S.	Chemistry	Polymer Bulletin	2017	1700839	https://www.springer.com/journal/289	https://link.springer.com/art	Scopus

1223	Cytotoxic Effect of Palladium Nanoparticles Synthesized From Syzygium aromaticum Aqueous Extracts and Induction of Apoptosis in Cervical Carcinoma	Shanthi K., Sreevani V., Vimala K., Kannan S.	Zoology	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	2017	3698211	https://www.springer.com/journal/40011	https://link.springer.com/art	Scopus / Web of Science
1224	Sonochemical synthesis of nanostructured nickel hy oxide as an electrode material for improved electrochemical energy storage application	Numan A., Duraisamy N., Saiha Omar F., Gopi D., Ramesh K., Ramesh S.	Chemistry	Progress in Natural Science: Materials International	2017	10020071	https://www.sciencedirect.com/journal/progress-in-natural-science-materials-international	https://www.sciencedirect.co	Scopus / Web of Science
1225	Biosynthesis, purification and characterization of β-1,4-xylanase from a novel mangrove associated actinobacterium Streptomyces olivaceus (MSU3) and its applications	Sanjivkumar M., Silambarasan T., Palavesam A., Immanuel G.	Microbiology	Protein Expression and Purification	2017	10465928	https://www.sciencedirect.com/journal/protein-expression-and-purification	https://pubmed.ncbi.nlm.nih.	Scopus / Web of Science
1226	A review on efficiency factors and equations of various solar water heaters and their relative field components	Sethupathi N., Vikramprasad K., Maadeswaran P.	Physics	Rasayan Journal of Chemistry	2017	9741496	https://rasayanjournal.co.in/	http://rasayanjournal.co.in/a	Scopus
1227	One-pot synthesis of symmetrical and unsymmetrical acridine sulfonamide derivatives catalyzed by p-TSA	Maheswari C.S., Ramesh R., Lalitha A.	Chemistry	Research on Chemical Intermediates	2017	9226168	https://www.springer.com/journal/11164	https://link.springer.com/art	Scopus / Web of Science
1228	Expired pharmaceutical compounds as potential inhibitors for cast iron corrosion in acidic medium	Rajeswari V., Devarayan K., Viswanathamurthi P.	Chemistry	Research on Chemical Intermediates	2017	9226168	https://www.springer.com/journal/11164	https://link.springer.com/art	Scopus / Web of Science

1229	Evaluation of photocatalytic activity, antibacterial and cytotoxic effects of green synthesized ZnO nanoparticles by Sechium edule leaf extract	Elavarasan N., Kokila K., Inbasekar G., Sujatha V.	Chemistry	Research on Chemical Intermediates	2017	9226168	https://www.springer.com/journal/11164	https://link.springer.com/art	Scopus / Web of Science
1230	Glycerol assisted eco-friendly strategy for the facile synthesis of 4,4′-(arylmethylene)bis(3-methyl-1H-pyrazol-5-ols) and 2-aryl-2,3-dihy oquinazolin-4(1H)-ones under catalyst-free conditions	Ramesh R., Nagasundaram N., Meignanasundar D., Vadivel P., Lalitha A.	Chemistry	Research on Chemical Intermediates	2017	9226168	https://www.springer.com/journal/11164	https://link.springer.com/art	Scopus / Web of Science
1231	Beauveria bassiana (Clavicipitaceae): a potent fungal agent for controlling mosquito vectors of Anopheles stephensi, Culex quinquefasciatus and Aedes aegypti (Diptera: Culicidae)	Ragaven an C., Dubey N.K., Natarajan D.	Biotechnology	RSC Advances	2017	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1232	In vitro antimicrobial and in vivo wound healing effect of actinobacterially synthesised nanoparticles of silver, gold and their alloy	Shanmugasundaram T., Radhakrishnan M., Gopikrishnan V., Kadirvelu K., Balagurunathan R.	Microbiology	RSC Advances	2017	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1233	COPT2, a plasma membrane located copper transporter, is involved in the uptake of Au in Arabidopsis	Tiwari M., Venkatachalam P., Penarrubia L., Sahi S.V.	Biotechnology	Scientific Reports	2017	20452322	https://www.nature.com/srep/	https://www.nature.com/arti	Scopus

1234	Size Dependent Uptake and Hemolytic Effect of Zinc Oxide Nanoparticles on Erythrocytes and Biomedical Potential of ZnO-Ferulic acid Conjugates	Babu E.P., Subastri A., Suyavaran A., Premkumar K., Sujatha V., Aristatile B., Alshammari G.M., Dharuman V., Thirunavukkarasu C.	Chemistry	Scientific Reports	2017	20452322	https://www.nature.com/srep/	https://www.nature.com/arti	Scopus
1235	Landscape response to progressive tectonic and climatic forcing in NW Borneo: Implications for geological and geomorphic controls on flood hazard	Menier D., Mathew M., Pubellier M., Sapin F., Delcaillau B., Siddiqui N., Ramkumar M., Santosh M.	Geology	Scientific Reports	2017	20452322	https://www.nature.com/srep/	https://www.nature.com/arti	Scopus
1236	Facile synthesis of CuO nanoparticles from Cu(II) schiff base complexes: Characterization, antibacterial and anticancer activity	Malathy M., Jayasree R., Rajavel R.	Chemistry	Smart Science	2017	23080477	https://www.tandfonline.com/toc/tsma20/current	https://www.tandfonline.com	Scopus
1237	Green biosynthesis of AgNPs using Albizia saman leaf aqueous extract and their biological applications	Kokila K., Elavarasan N., Sujatha V.	Chemistry	Smart Science	2017	23080477	https://www.tandfonline.com/toc/tsma20/current	https://www.tandfonline.com	Scopus
1238	Neighborhood rough set based ECG signal classification for diagnosis of cardiac diseases	Kumar S.U., Inbarani H.H.	Computer Science	Soft Computing	2017	14327643	https://www.springer.com/journal/500	https://link.springer.com/art	Scopus / Web of Science
1239	Macrocyclic schiff base metal complexes derived from isatin: Structural activity relationship and DFT calculations	Muthukkumar M., Rajavel R., Venkatesh G., Vennila P.	Chemistry	Tenside, Surfactants, Detergents	2017	9323414	https://www.degruyter.com/journal/key/TSD/html	https://www.degruyter.com/	Scopus
1240	Cyanuric chloride catalyzed metal-free mild protocol for the synthesis of highly functionalized tetrahy opyridines	Ramesh R., Maheswari S., Arivazhagan M., Malecki J.G., Lalitha A.	Chemistry	Tetrahe on Letters	2017	404039	https://www.sciencedirect.com/journal/tetrahe on-letters	https://www.sciencedirect.co	Scopus / Web of Science

1241	Effect of eriodictyol on preneoplastic lesions, oxidative stress and bacterial enzymes in 1,2-dimethyl hy azine-induced colon carcinogenesis	Mariyappan P., Kalaiyarasu T., Manju V.	Biochemistry	Toxicology Research	2017	2045452X	https://academic.oup.com/toxres	https://academic.oup.com/to	Scopus
1242	SG-Flat Complexes and Their Generalizations	Selvaraj C., Saravanan R.	Mathematics	Vietnam Journal of Mathematics	2017	2305221X	https://www.springer.com/journal/10013	https://link.springer.com/art	Scopus / Web of Science
1243	BAFSA: Breeding Artificial Fish Swarm Algorithm for Optimal Cluster Head Selection in Wireless Sensor Networks	Sengottuvelan P., Prasath N.	Computer Science	Wireless Personal Communications	2017	9296212	https://www.springer.com/journal/11277	https://link.springer.com/art	Scopus / Web of Science
1244	Potential anti-leptospiral compound, leptomycin B from marine Streptomyces indiaensis MSU5: taxonomy, fermentation, compound isolation, in vitro and in vivo efficacy	Thirumalairaj J., Sivasankari K., Natarajaseenivasan K., Balagurunathan R.	Microbiology	World Journal of Microbiology and Biotechnology	2017	9593993	https://www.springer.com/journal/11274	https://link.springer.com/art	Scopus / Web of Science
1245	Challenges and prospects of youth green entrepreneurship development in India	G. Yoganandan and A. Raj Naveen Chander	Management Studies	North Asian International Research Journal of Social Science & Humanities	2017	2454-9827	https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/fileview/October_2016_1476282060__76.pdf	https://www.jetir.org/papers	UGC (Care Lisst No. 48727 (Old))
1246	College Students' preference on smart phones at Salem city, India	G. Yoganandan and G. Saranya	Management Studies	North Asian International Research Journal of Social Science & Human	2017	2454-9827	https://journals.indexcopernicus.com/journal/47044	https://www.periyaruniversi	UGC (UGC Care Lisst No. 48727 (Old list))
1247	Problems faced by silverware manufacturing units in Salem city, Tamilnadu	G. Yoganandan and G. Saranya	Management Studies	Asian Journal of Management	2017	0976-495X	https://ajmjournal.com/	https://ajmjournal.com/HTM	UGC (UGC Care Lisst No.8795 (Old list))
1248	Emotional Intelligence of Secondary Student Teachers	G. Hema and S. Murugan	Education	International Journal of Multidisciplinary Educational Research	2017	2277-7881	http://www.ijmer.in/	https://www.periyaruniversi	UGC (UGC Care Lisst No.41602 (Old list)

1249	Dyscalculia as a Specific Leaning Disability - A Brief View	G. Hema and Raj Kumar	Education	International Journal of Multidisciplinary Educational Research	2017	2277-7881	http://www.ijmer.in/	https://www.periyaruniversi	UGC (UGC Care Lisst No.41602 (Old list))
1250	Mental Health of Chil en with Learning Disabilities	Raj Kumar and G. Hema	Education	Shanlax International Journal of Arts, Science and Humanities	2017	2321-788X	http://www.shanlaxjournals.in/journals/index.php/sijash	https://www.periyaruniversi	UGC (UGC Care Lisst No.43960 (old list))
1251	Studying the Impact of Using Multimedia to Learn Basic Math Skills among High School Students	Raj Kumar and G. Hema	Education	ROOTS International Journal of Multidisciplinary Researches	2017	2349-8684	https://www.rootsjournal.com/	https://www.periyaruniversi	UGC (UGC Care Lisst No. 48991 (old list))
1252	Mathematics learning difficulties for school students: Problems and strategies	Raj Kumar and G. Hema	Education	Shanlax International Journal of Arts, Science and Humanities	2017	2321-788X	http://www.shanlaxjournals.in/journals/index.php/sijash	https://www.periyaruniversi	UGC (UGC Care Lisst No.43960 (old list))
1253	Elementary pre-serves teachers' attitude towards chil en	Raj Kumar and G. Hema	Education	ROOTS International Journal of Multidisciplinary Researches	2017	2349-8684	https://www.rootsjournal.com/	https://www.periyaruniversi	UGC (UGC Care Lisst No. 48991)
1254	Neutropenic diet – An overview	R.Arivuchudar	Nutrition and Dietetics	Indian Journal of Applied Research	2017	2249-555x	https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/	https://www.worldwidejourn	UGC (No. 49333)
1255	Implications Of Different Species And Strains Of Probiotics In Various Health Domains- A Systematic Review	R.Arivuchudar	Nutrition and Dietetics	International Journal of Current Advanced Research	2017	2319-6475	https://www.journalijcar.org/	https://www.journalijcar.org/	UGC (No.43892)
1256	Fabrication of Minerals Substituted Porous Hy oxyapaptite/Poly(3,4-ethylenedioxy pyrrole-co-3,4-ethylenedioxythiophene) Bilayer Coatings on Surgical Grade Stainless Steel and Its Antibacterial and Biological Activities for Orthopedic Applications	Subramani R., Elangomannan S., Louis K., Kannan S., Gopi D.	Chemistry	ACS Applied Materials and Interfaces	2016	19448244	https://pubs.acs.org/toc/aamick/8/19	https://pubs.acs.org/doi/10.1	Scopus

1257	HER2 Targeted Breast Cancer Therapy with Switchable "off/On" Multifunctional "smart" Magnetic Polymer Core-Shell Nanocomposites	Vivek R., Thangam R., Kumar S.R., Rejeeth C., Sivasubramanian S., Vincent S., Gopi D., Kannan S.	Chemistry	ACS Applied Materials and Interfaces	2016	19448244	https://pubs.acs.org/toc/aamick/8/3	https://pubs.acs.org/doi/10.1	Scopus
1258	Topological characterization of electron density, electrostatic potential and intermolecular interactions of 2-nitroimidazole: An experimental and theoretical study	Kalaiarasi C., Pavan M.S., Kumaradhas P.	Physics	Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials	2016	20525192	https://journals.iucr.org/b/	http://scripts.iucr.org/cgi-bin	Scopus
1259	Geophagy by the Indian short-nosed fruit bat, Cynopterus sphinx (Pteropodidae) while foraging on Madhuca latifolia (Sapotaceae) in Tamil Nadu, South India	Mahan an V., Raghuram H., Nathan P.T.	Zoology	Acta Ethologica	2016	8739749	https://www.springer.com/journal/10211	https://link.springer.com/art	Scopus / Web of Science
1260	Biofabricated zinc oxide nanoparticles coated with phycomolecules as novel micronutrient catalysts for stimulating plant growth of cotton	Priyanka N., Venkatachalam P.	Biotechnology	Advances in Natural Sciences: Nanoscience and Nanotechnology	2016	20436262	https://iopscience.iop.org/journal/2043-6262	https://iopscience.iop.org/art	Scopus
1261	Propagation of envelope bright breather coupled wave modes in Ablowitz–Ladik chains	Kavitha L., Senthil Kumar V., Gopi D., Bhuvaneswari S.	Physics	Applied Mathematical Modelling	2016	0307904X	https://www.sciencedirect.com/journal/applied-mathematical-modelling	https://www.sciencedirect.co	Scopus / Web of Science
1262	Reliable anti-synchronization conditions for BAM memristive neural networks with different memductance functions	Sakthivel R., Anbuvithya R., Mathiyalagan K., Ma Y. K., Prakash P.	Mathematics	Applied Mathematics and Computation	2016	963003	https://www.sciencedirect.com/journal/applied-mathematics-and-computation	https://www.sciencedirect.co	Scopus / Web of Science

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1264	pACC1 peptide loaded chitosan nanoparticles induces apoptosis via reduced fatty acid synthesis in MDA-MB-231 cells	Kaliaperumal J., Hari N., Pavankumar P., Elangovan N.	Biotechnology	Applied Nanoscience (Switzerland)	2016	21905509	https://www.springer.com/journal/13204	https://link.springer.com/art	Scopus / Web of Science
1265	Biosynthesis and biomedical applications of gold nanoparticles using eclipta prostrata leaf extract	Rajakumar G., Gomathi T., Rahuman A.A., Thiruvengadam M., Mydhili G., Kim S.-H., Lee T.-J., Chung I.-M.	Biochemistry	Applied Sciences (Switzerland)	2016	20763417	https://www.mdpi.com/journal/applsci	https://pdfs.semanticscholar.	Scopus
1266	Hybrid Tolerance Rough Set–Firefly based supervised feature selection for MRI brain tumor image classification	G. J., Inbarani H. H.	Computer Science	Applied Soft Computing Journal	2016	15684946	https://www.sciencedirect.com/journal/applied-soft-computing	https://www.sciencedirect.co	Scopus / Web of Science
1267	Effects of different levels of dietary folic acid on the growth performance, muscle composition, immune response and antioxidant capacity of freshwater prawn, Macrobrachium rosenbergii	Asaikkutti A., Bhavan P.S., Vimala K.	Zoology	Aquaculture	2016	448486	https://www.sciencedirect.com/journal/aquaculture	https://www.sciencedirect.co	Scopus / Web of Science
1268	Effect of different levels dietary Vitamin C on growth performance, muscle composition, antioxidant and enzyme activity of freshwater prawn, Macrobrachium malcolmsonii	Asaikkutti A., Bhavan P.S., Vimala K., Karthik M., Cheruparambath P.	Zoology	Aquaculture Reports	2016	23525134	https://www.sciencedirect.com/journal/aquaculture-reports	https://www.sciencedirect.co	Scopus / Web of Science

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1270	Synthesis, characterization, anti-microbial, DNA binding and cleavage studies of Schiff base metal complexes	Jayaseelan P., Prasad S., Vedanayaki S., Rajavel R.	Chemistry	Arabian Journal of Chemistry	2016	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
1271	Double bypasses soxhlet apparatus for extraction of piperine from Piper nigrum	Subramanian R., Subbramaniyan P., Noorul Ameen J., Raj V.	Chemistry	Arabian Journal of Chemistry	2016	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
1272	Electrochemical synthesis and characterization of cubic magnetite nanoparticle in aqueous ferrous perchlorate medium	Gopi D., Thameem Ansari M., Kavitha L.	Chemistry	Arabian Journal of Chemistry	2016	18785352	https://www.sciencedirect.com/journal/arabian-journal-of-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
1273	Optimization of media by response surface methodology for the reduction of chromium by Bacillus sp.	Kasimani R., Seenivasagan R., Munraji S., Balagrurnathan C., Sundar K.	Microbiology	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2016	9723005	http://www.envirobiotechjournals.com/journal_details.php?jid=1	https://www.hindawi.com/jo	Scopus
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1275	Prevalence of cephalosporin-resistant gram-negative bacilli from clinical samples	Kaviyarasan G., Rajamanikandan K.C.P., Arvind Prasanth D.	Microbiology	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	https://innovareacademics.in/journals/index.php/ajpcr/index	https://www.scopus.com/rec	Scopus
1276	In vitro antiplasmodial activity of native indian seaweed sargassum sp.	Sowmiya R., Prasanna Kumar S., Deepak P., Ramkumar R., Balasubramani G., Aiswarya D., Perumal P., Ravikumar S.	Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	http://www.envirobiotechjournals.com/journal_details.php?jid=1	https://www.scopus.com/rec	Scopus

1277	Bioactive constituents and antioxidant efficacy of Auricularia Polytricha	Packialakshmi B., Sudha G., Charumathy M.	Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2016	9742441	http://www.envirobiotechjournals.com/journal_details.php?jid=1	https://www.scopus.com/rec	Scopus
1278	Synthesis, characterization, and anti-plasmodial activity of 2,6-substituted benzothiazole derivatives	Sadhasivam G., Kulanthai K., Rajamani S., Perumal P.	Chemistry	Bangladesh Journal of Pharmacology	2016	1991007X	https://www.banglajol.info/index.php/BJP/index	https://www.banglajol.info/i	Scopus
1279	Extraction, isolation, characterization, semi-synthesis and antiplasmodial activity of justicia adathoda leaves	Gopalan S., Kulanthai K., Sadhasivam G., Pachiappan P., Rajamani S., Paramasivam D.	Biotechnology	Bangladesh Journal of Pharmacology	2016	1991007X	https://www.banglajol.info/index.php/BJP/index	https://www.banglajol.info/i	Scopus
1280	In vitro antimicrobial activity of actinobacteria from South East Coast of Tamil Nadu, India	Gopikrishnan V., Radhakrishnan M., Pazhanimurugan R., Shanmugasundaram T., Balagurunathan R.	Microbiology	Bangladesh Journal of Pharmacology	2016	1991007X	https://www.banglajol.info/index.php/BJP/index	https://www.banglajol.info/i	Scopus
1281	Microbial tannase: Current perspectives and biotechnological advances	Govindarajan R.K., Revathi S., Rameshkumar N., Krishnan M., Kayalvizhi N.	Zoology	Biocatalysis and Agricultural Biotechnology	2016	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
1282	Investigation on pharmacological activities of secondary metabolite extracted from a mangrove associated actinobacterium Streptomyces olivaceus (MSU3)	Sanjivkumar M., Babu D.R., Suganya A.M., Silambarasan T., Balagurunathan R., Immanuel G.	Microbiology	Biocatalysis and Agricultural Biotechnology	2016	18788181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.co	Scopus / Web of Science
1283	Idaein chloride induced p53 dependent apoptosis in cervical cancer cells through inhibition of viral oncoproteins	Natarajan T., Anandhi M., Aiswarya D., Ramkumar R., Kumar S., Perumal P.	Biotechnology	Biochimie	2016	3009084	https://www.sciencedirect.com/journal/biochimie	https://www.sciencedirect.co	Scopus / Web of Science
1284	Time-of-day specific changes in pesticide detoxification ability of Spodoptera litura (Lepidoptera: Noctuidae)	Karthi S., Shivakumar M.S.	Biotechnology	Biological Rhythm Research	2016	9291016	https://www.tandfonline.com/toc/nbrr20/current	https://www.tandfonline.com	Scopus

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1286	Potential role of bromelain in clinical and therapeutic applications (Review)	Rathnavelu V., Alitheen N.B., Sohila S., Kanagesan S., Ramesh R.	Physics	Biomedical Reports	2016	20499434	https://www.spandidos-publications.com/br	https://www.spandidos-publi	Scopus
1287	Evaluation of antioxidant and stabilizing lipid peroxidation nature of Solanum xanthocarpum leaves in experimentally diethylnitrosamine induced hepatocellular carcinogenesis	Velu P., Vijayalakshmi A., Iyappan P., Indumathi D.	Biotechnology	Biomedicine and Pharmacotherapy	2016	7533322	https://www.sciencedirect.com/journal/biomedicine-and-pharmacotherapy	https://www.sciencedirect.co	Scopus / Web of Science
1288	Formation and characterization of β-cyclodextrin (β-CD) - polyethyleneglycol (PEG) - polyethyleneimine (PEI) coated Fe3O4 nanoparticles for loading and releasing 5-Fluorouracil ug	Prabha G., Raj V.	Chemistry	Biomedicine and Pharmacotherapy	2016	7533322	https://www.sciencedirect.com/journal/biomedicine-and-pharmacotherapy	https://www.sciencedirect.co	Scopus / Web of Science
1289	Evaluation of Silver Nanoparticle Toxicity of Coleus aromaticus Leaf Extracts and its Larvicidal Toxicity against Dengue and Filariasis Vectors	Ramkumar G., Karthi S., Suganya R., Shivakumar M.S.	Biotechnology	BioNanoScience	2016	21911630	https://www.springer.com/journal/12668	https://link.springer.com/art	Scopus / Web of Science
1290	Phyto-synthesis of silver nanoparticles using Alternanthera tenella leaf extract: An effective inhibitor for the migration of human breast adenocarcinoma (MCF-7) cells	Sathishkumar P., Vennila K., Jayakumar R., Yusoff A.R.M., Hadibarata T., Palvannan T.	Biochemistry	Bioprocess and Biosystems Engineering	2016	16157591	https://www.springer.com/journal/449	https://link.springer.com/art	Scopus / Web of Science

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1295	Antimicrobial activities of secondary metabolites and phylogenetic study of sponge endosymbiotic bacteria, Bacillus sp. at Agatti Island, Lakshadweep Archipelago	Mohan G., Thangappanpillai A.K., Ramasamy B.	Microbiology	Biotechnology Reports	2016	2215017X	https://www.sciencedirect.com/journal/biotechnology-reports	https://www.sciencedirect.co	Scopus / Web of Science
1296	Uptake and Distribution of Trace Elements in Dominant Mangrove Plants of the Indian Sundarban Wetland	Ro íguez-Iruretagoiena A., Chowdhury R., Gredilla A., deVallejuelo S.F.-O., de Diego A., Sarkar S.K., Arana G., Madariaga J.M., Venkatachalam P.	Biotechnology	Bulletin of Environmental Contamination and Toxicology	2016	74861	https://www.springer.com/journal/128	https://link.springer.com/art	Scopus / Web of Science

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1298	Interpenetrating polymeric networks of chitosan and egg white with dual crosslinking agents polyethylene glycol/polyvinylpyrrolidone as a novel ug carrier	Priya P., Raja A., Raj V.	Chemistry	Cellulose	2016	9690239	https://www.springer.com/journal/10570	https://link.springer.com/art	Scopus / Web of Science
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1301	Facile and Green Chemistry Access to 5-aryl-1,2,4-Triazolidine-3-thiones in Aqueous Medium	Ramesh R., Lalitha A.	Chemistry	ChemistrySelect	2016	23656549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onl	Scopus
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1308	Analysis of stochastic diffusive predator prey model with hyperbolic mortality rate	Suvinthra M., Balachandran K., Sambath M.	Mathematics	Discontinuity, Nonlinearity, and Complexity	2016	21646376	https://www.lhscientificpublishing.com/Journals/DNC-Default.aspx	https://www.lhscientificpubli	Scopus
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1394	Assessment of physicochemical characteristics and the level of nutrient contents as well as heavy metal ions in waters of three lakes at Coimbatore, Tamil Nadu, India	Manikandan R., Ezhili N., Muthulakshmiandal N., Favas P.J.C., Venkatachalam P.	Biotechnology	Journal of Materials and Environmental Science	2016	20282508	https://www.jmaterenvironsci.com/	http://www.jmaterenvironsci	Scopus
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1399	Breathomics for gastric cancer classification using back-propagation neural network	Daniel D., Thangavel K.	Computer Science	Journal of Medical Signals and Sensors	2016	22287477	http://jmss.mui.ac.ir/index.php/jmss	https://www.ncbi.nlm.nih.gov	Scopus
1400	Low temperature FTIR, Raman, NMR spectroscopic and theoretical study of hy oxyethylammonium picrate	Sudharsana N., Sharma A., Kuş N., Fausto R., Luísa Ramos M., Krishnakumar V., Pal R., Guru Row T.N., Nagalakshmi R.	Physics	Journal of Molecular Structure	2016	222860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.co	Scopus / Web of Science
1401	Enhanced cytotoxicity of biomolecules loaded metallic silver nanoparticles against human liver (HepG2) and prostate (PC3) cancer cell lines	Prasannaraj G., Sahi S.V., Ravikumar S., Venkatachalam P.	Biotechnology	Journal of Nanoscience and Nanotechnology	2016	15334880	https://www.ingentaconnect.com/content/asp/jnn	https://www.ingentaconnect.	Scopus
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1403	Ruthenium(II) carbonyl complexes containing bidentate 2-oxo-1,2-dihy oquinoline-3-carbaldehyde hy azone ligands as efficient catalysts for catalytic amidation reaction	Selvamurugan S., Ramachandran R., Prakash G., Viswanathamurthi P., Malecki J.G., Endo A.	Chemistry	Journal of Organometallic Chemistry	2016	0022328X	https://www.sciencedirect.com/journal/journal-of-organometallic-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
1404	Anti-acne, anti-dan uff and anti-breast cancer efficacy of green synthesised silver nanoparticles using Corian um sativum leaf extract	Sathishkumar P., Preethi J., Vijayan R., Mohd Yusoff A.R., Ameen F., Suresh S., Balagurunathan R., Palvannan T.	Biochemistry	Journal of Photochemistry and Photobiology B: Biology	2016	10111344	https://www.sciencedirect.com/journal/journal-of-photochemistry-and-photobiology-b-biology	https://www.sciencedirect.co	Scopus / Web of Science

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1406	Charge Density and Electrostatic Potential Study of 16α,17β-Estriol and the Binding of Estrogen Molecules to the Estrogen Receptors ERα and ERβ	Zhurova E.A., Zhurov V.V., Kumaradhas P., Cenedese S., Alan Pinkerton A.	Chemistry	Journal of Physical Chemistry B	2016	15206106	https://pubs.acs.org/toc/jpcbfk/120/34	https://pubs.acs.org/doi/sup	Scopus
1407	Tethering of Cu(II) Schiff base metal complex on mesoporous material MCM-41: catalyst for Ullmann-type coupling reactions	Moorthy M., Kannan B., Madheswaran B., Rangappan R.	Chemistry	Journal of Porous Materials	2016	13802224	https://www.springer.com/journal/10934	https://link.springer.com/art	Scopus / Web of Science
1408	Chemical analysis of archaeological clay potteries by PIGE and PIXE methods using proton beams from tandem accelerator for provenance study	Tamilarasu S., Velraj G., Ray D.K., Acharya R.	Physics	Journal of Radioanalytical and Nuclear Chemistry	2016	2365731	https://www.springer.com/journal/10967	https://link.springer.com/art	Scopus / Web of Science
1409	Synthesis, spectral characterization, electrochemical, anti-microbial, DNA binding and cleavage studies of new binuclear Schiff base metal(II) complexes derived from o-hy oxyacetophenone	Jayaseelan P., Akila E., Usha Rani M., Rajavel R.	Chemistry	Journal of Saudi Chemical Society	2016	13196103	https://www.sciencedirect.com/journal/journal-of-saudi-chemical-society	https://www.sciencedirect.co	Scopus / Web of Science
1410	A novel rhombohe on-like nickel ferrite nanostructure: Microwave combustion synthesis, structural characterization and magnetic properties	Suresh Kumar G., Akbar J., Govindan R., Girija E.K., Kanagaraj M.	Physics	Journal of Science: Advanced Materials and Devices	2016	24682284	https://www.sciencedirect.com/journal/journal-of-science-advanced-materials-and-devices	https://www.sciencedirect.co	Scopus / Web of Science

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1412	Magnetization reversal in a site-dependent anisotropic Heisenberg ferromagnet under electromagnetic wave propagation	Kavitha L., Saravanan M., Senthil Kumar V., Gopi D.	Physics	Journal of the Association of Arab Universities for Basic and Applied Sciences	2016	18153852	https://www.sciencedirect.com/journal/journal-of-the-association-of-arab-universities-for-basic-and-applied-sciences	https://www.sciencedirect.co	Scopus / Web of Science
1413	XRD structural and magnetic study on Mg0.3Zn0.7NiXFe2-XO4 ferrite system synthesised by sol-gel method	Ramesh C., Maniysundar K., Selvanandan S., Anbarasan P.M.	Physics	Journal of the Balkan Tribological Association	2016	13104772	https://scibulcom.net/en/home	https://www.sciencedirect.co	Scopus
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1415	Groundwater sustainability indicators in parts of Tiruppur and Coimbatore districts, Tamil Nadu	Anbazhagan S., Jothibasu A.	Centre for Geoinformatics and Planetary Studies	Journal of the Geological Society of India	2016	167622	https://www.springer.com/journal/12594	https://link.springer.com/art	Scopus / Web of Science
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1417	Fabrication of TiO2-strontium loaded CaSiO3/ biopolymer coatings with enhanced biocompatibility and corrosion resistance by controlled release of minerals for improved orthopedic applications	Raj V., Raj R.M., Sasireka A., Priya P.	Chemistry	Journal of the Mechanical Behavior of Biomedical Materials	2016	17516161	https://www.sciencedirect.com/journal/journal-of-the-mechanical-behavior-of-biomedical-materials	https://www.sciencedirect.co	Scopus / Web of Science

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1419	K-tier separation based abstraction refinement schedulers for parallel job in multiple cloud centers	Antony C., chandrasekar C., Rekha S.N.	Computer Science	Journal of Theoretical and Applied Information Technology	2016	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
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1423	Visualizing global nanotechnology research on publication deeds, 1989-2014	Velmurugan C., Radhakrishnan N.	Library and Information Science	Library Philosophy and Practice	2016	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus

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1427	Synthesis and antimicrobial activity of palladium nanoparticles from Prunus × yedoensis leaf extract	Manikandan V., Velmurugan P., Park J.-H., Lovanh N., Seo S.-K., Jayanthi P., Park Y.-J., Cho M., Oh B.-T.	Environmental Science	Materials Letters	2016	0167577X	https://www.sciencedirect.com/journal/materials-letters	https://www.sciencedirect.co	Scopus / Web of Science
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1430	Genetic characterization of Bagarius species using cytochrome c oxidase I and cytochrome b genes	Nagarajan M., Raja M., Vikram P.	Biotechnology	Mitochon ial DNA	2016	19401736	https://www.tandfonline.com/toc/imdn21/current	https://www.tandfonline.com	Scopus

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1435	Non-fragile H∞ synchronization of memristor-based neural networks using passivity theory	Mathiyalagan K., Anbuvithya R., Sakthivel R., Park J.H., Prakash P.	Mathematics	Neural Networks	2016	8936080	https://www.sciencedirect.com/journal/neural-networks	https://www.sciencedirect.co	Scopus / Web of Science
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1437	Exact propagating multi-anti-kink soliton solutions of a (3+1)-dimensional B-type Kadomtsev–Petviashvili equation	Darvishi M.T., Najafi M., Arbabi S., Kavitha L.	Physics	Nonlinear Dynamics	2016	0924090X	https://www.springer.com/journal/11071	https://link.springer.com/art	Scopus / Web of Science

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1443	Effects of metal dopant (Ba2+), optical, and mechanical studies of bisthiourea zinc chloride NLO single crystals	Sasi S., Ramesh G., Robert R., Arumugam S., Inmozhi C.	Physics	Optik	2016	304026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.co	Scopus / Web of Science
1444	Fabrication of EDA passivated CdO nanostructures with morphological investigation	Anandhan K., Thilak Kumar R.	Physics	Optoelectronics and Advanced Materials, Rapid Communications	2016	18426573	https://oam-rc.inoe.ro/	https://oam-rc.inoe.ro/article	Scopus
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1446	Efficient plant regeneration from shoot tip explants of Gloriosa superba L.: An endangered anti cancer medicinal plant	Mahen an D., Thiyagarajan M., Kavi Kishor P.B., Venkatachalam P.	Biotechnology	Plant Cell Biotechnology and Molecular Biology	2016	9722025	https://www.ikprress.org/index.php/PCBMB	https://www.ikprress.org/inc	Scopus

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1448	Mosquitocidal effect of glycosmis pentaphylla leaf extracts against three mosquito species (Diptera: Culicidae)	Ramkumar G., Karthi S., Muthusamy R., Suganya P., Natarajan D., Kweka E.J., Shivakumar M.S.	Biotechnology	PLoS ONE	2016	19326203	https://journals.plos.org/plosone/	https://journals.plos.org/plos	Scopus
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1450	Synthesis, crystal structure and biological evaluation of Ni(II) complexes containing 4-chromone-N(4)-substituted thiosemicarbazone ligands	Selvamurugan S., Ramachandran R., Vijayan P., Manikandan R., Prakash G., Viswanathamurthi P., Velmurugan K., Nandhakumar R., Endo A.	Chemistry	polyhedron	2016	2775387	https://www.sciencedirect.com/journal/polyhedron	https://www.sciencedirect.co	Scopus / Web of Science
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1456	Mycosynthesis of silver nanoparticles from: Beauveria bassiana and its larvicidal, antibacterial, and cytotoxic effect on human cervical cancer (HeLa) cells	Prabakaran K., Ragaven an C., Natarajan D.	Biotechnology	RSC Advances	2016	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus / Web of Science
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1458	Ultrahigh capacitance of amorphous nickel phosphate for asymmetric supercapacitor applications	Omar F.S., Numan A., Duraisamy N., Bashir S., Ramesh K., Ramesh S.	Chemistry	RSC Advances	2016	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011018&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus / Web of Science

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1460	PEG functionalized selenium nanoparticles as a carrier of crocin to achieve anticancer synergism	Mary T.A., Shanthi K., Vimala K., Soundarapandian K.	Zoology	RSC Advances	2016	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issues	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1461	Bio-functionalized hybrid nanocomposite membranes for direct methanol fuel cells	Mohanapriya S., Rambabu G., Suganthi S., Bhat S.D., Vasanthkumar V., Anbarasu V., Raj V.	Chemistry	RSC Advances	2016	20462069	https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/	https://pubs.rsc.org/en/conte	Scopus / Web of Science
1462	Enhanced ethanol gas sensing performance of zinc-tin-vanadium oxide nanocomposites at room temperature	Chitra M., Uthayarani K., Rajasekaran N., Neelakandeswari N., Girija E.K., Padiyan D.P., Mangamma G.	Physics	RSC Advances	2016	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus / Web of Science
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1492	Gas chromatography-mass spectrometry/mass spectrometry analysis of Terminalia Catappa L. nut and antimicrobial assay	Krishnaveni M., Krishna Kumari G., Kalaivani M., Ragina Banu C.	Biochemistry	Asian Journal of Pharmaceutical and Clinical Research	2015	9742441	https://innovareacademics.in/journal/ajpcr/index.htm	https://www.Scopus.com/inv	Scopus

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1544	Effect of citric acid concentration and hy olysis time on physicochemical properties of sweet potato starches	Surendra Babu A., Parimalavalli R., Ru a S.G.	Food Science and Nutrition	International Journal of Biological Macromolecules	2015	1418130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://www.sciencedirect.co	Scopus / Web of Science
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1549	Corrosion and biodegradability evaluation of magnesium substituted porous hy oxyapatite/polyethylene dioxy thiophene bilayer coating on 316l stainless steel for orthopaedic applications	Ramya S., Rajeswari D., Palanisamy M., Gopi D., Kavitha L.	Chemistry	International Journal of ChemTech Research	2015	9744290	http://sphinxsai.com/index.htm	https://www.sphinxsai.com/	Scopus
1550	Electrodeposition of manganese substituted hy oxyapatite/zinc oxide duplex-layer on AZ91 magnesium alloy for orthopaedic applications	Murugan N., Shinyjoy E., Surendiran M., Gopi D., Kavitha L.	Chemistry	International Journal of ChemTech Research	2015	9744290	http://sphinxsai.com/index.htm	https://pubs.rsc.org/en/conte	Scopus
1551	Surfactant assisted one-pot hy othermal synthesis of nano zno and its property observations	Ramu P., Aravindan S., Surumbarkuzhali N., Anbarasan P.M., Ramesh R., Ponnusamy S.	Physics	International Journal of ChemTech Research	2015	9744290	http://sphinxsai.com/index.htm	https://www.sphinxsai.com/	Scopus
1552	Heterogeneous wireless network vertical handoff decision using hybrid multi-criteria decision-making technique	Sasirekha V., chandrasekar C., Ilangkumaran M.	Computer Science	International Journal of Computational Science and Engineering	2015	17427185	https://dl.acm.org/journal/ijcse	https://www.inderscience.co	Scopus
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1554	GC-MS/MS study of Parthenium hysterophorus root, antimicrobial activity	Krishnaveni M., Kalaivani M., Ragina Banu C., Krishna Kumari G.	Biochemistry	International Journal of Current Pharmaceutical Review and Research	2015	0976822X	https://www.myresearchjournals.com/index.php/ijcprr	https://www.Scopus.com/inv	Scopus

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1556	Phytonutrient analysis in Terminalia Catappa fruit flesh, nut, shell	Krishnaveni M., Dhanalakshmi R.	Biochemistry	International Journal of Current Pharmaceutical Review and Research	2015	0976822X	https://www.myresearchjournals.com/index.php/ijcprr	http://impactfactor.org/PDF/	Scopus
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1558	Free radical scavenging activity (In vitro) of plants collected near cement industry	Krishnaveni M., Eswari V., Silpavathi G., Silambarasan V., Senthil Kumar R., Sabari M.	Biochemistry	International Journal of Current Pharmaceutical Review and Research	2015	0976822X	https://www.myresearchjournals.com/index.php/ijcprr	https://www.scopus.com/rec	Scopus
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1561	Antimicrobial activity of green synthesized zinc oxide nanoparticles from Emblica officinalis	Anbukkarasi V., Srinivasan R., Elangovan N.	Biotechnology	International Journal of Pharmaceutical Sciences Review and Research	2015	0976044X	https://www.globalresearchonline.net/	https://globalresearchonline.	Scopus
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1564	Air pollution tolernace index of plants studies near omalur bus stand, soil nutrient analysis	Krishnaveni M., Silambarasan V., Senthil Kumar R., Sabari M., Eswari V., Silpavathi G.	Biochemistry	International Journal of Pharmaceutical Sciences Review and Research	2015	0976044X	https://www.globalresearchonline.net/	https://globalresearchonline.	Scopus
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1566	Docking, simulation studies of desulphosinigrin – Cyclin dependent kinase 2, an anticancer ug target	Krishnaveni M.	Biochemistry	International Journal of Pharmaceutical Sciences Review and Research	2015	0976044X	https://www.globalresearchonline.net/	https://globalresearchonline.	Scopus
1567	Total phenol, flavonoid and antioxidant properties of auricularia auricula-judae	Packialakshmi B., Sudha G., Charumathy M.	Biochemistry	International Journal of Pharmacy and Pharmaceutical Sciences	2015	9751491	https://innovareacademics.in/journals/index.php/ijpps	TOTAL PHENOL, FLAVONOID	Scopus
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1580	Effect of lambda cyhalothrin and temephos on detoxification enzyme systems in Culex quinquefasciatus (Diptera: Culicidae)	Muthusamy R., Shivakumar M.S.	Biotechnology	Journal of Environmental Biology	2015	2548704	http://jeb.co.in/	https://www.proquest.com/c	Scopus
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1592	Escin, a Novel Triterpene, Mitigates Chronic MPTP/p-Induced Dopaminergic Toxicity by Attenuating Mitochondrial Dysfunction, Oxidative Stress, and Apoptosis	Selvakumar G.P., Manivasagam T., Rekha K.R., Jayaraj R.L., Elangovan N.	Biotechnology	Journal of Molecular Neuroscience	2015	8958696	https://www.springer.com/journal/12031	https://link.springer.com/art	Scopus / Web of Science
1593	Investigation of intermolecular hy ogen bonding in 2,3,4,5,6 pentafluorobenzoic acid through molecular structure and vibrational analysis - A DFT approach	Subhapriya G., Kalyanaraman S., Surumbarkuzhali N., Vijayalakshmi S., Krishnakumar V.	Physics	Journal of Molecular Structure	2015	222860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.co	Scopus / Web of Science
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1598	Rhodium(I) complexes containing 9,10-phenanthrenequinone N-substituted thiosemicarbazone ligands: Synthesis, structure, DFT study and catalytic diastereoselective nitroaldol reaction studies	Anitha P., Manikandan R., Vijayan P., Anbuselvi S., Viswanathamurthi P.	Chemistry	Journal of Organometallic Chemistry	2015	0022328X	https://www.sciencedirect.com/journal/journal-of-organometallic-chemistry	https://www.sciencedirect.co	Scopus / Web of Science
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1601	Spectral and HRTEM analyses of Annona muricata leaf extract mediated silver nanoparticles and its Larvicidal efficacy against three mosquito vectors Anopheles stephensi, Culex quinquefasciatus, and Aedes aegypti	Santhosh S.B., Ragaven an C., Natarajan D.	Biotechnology	Journal of Photochemistry and Photobiology B: Biology	2015	10111344	https://www.sciencedirect.com/journal/journal-of-photochemistry-and-photobiology-b-biology	https://www.sciencedirect.co	Scopus / Web of Science
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1610	Electrical resistivity survey and shallow subsurface geological study in hard rock terrain, Southern India	Anbazhagan S., Indhirajith R., Uma Maheshwaran S., Jothibasu A., Venkatesan A., Ramesh V.	Geology	Journal of the Geological Society of India	2015	167622	https://www.springer.com/journal/12594	https://link.springer.com/art	Scopus / Web of Science
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1613	Adsorptive removal of Reactive Blue 160 from aqueous solutions using polyaniline modified alumina nano composites	Chandrasckaran V., Selvaraj A., Sivakumar S., Ramasamy A.K.	Chemistry	Journal of the Indian Chemical Society	2015	194522	https://www.journals.elsevier.com/journal-of-the-indian-chemical-society	https://www.Scopus.com/inv	Scopus / Web of Science

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1615	P-TSA-catalyzed synthesis of spiroquinazolinones	Revathy K., Lalitha A.	Chemistry	Journal of the Iranian Chemical Society	2015	1735207X	https://www.springer.com/journal/13738	https://link.springer.com/art	Scopus / Web of Science
1616	Synthesis of 2-aryl-2,3-dihy oquinazolin-4(1H)-ones using boric acid-functionalized MCM-41 as a novel heterogeneous catalyst under solvent-free condition	Sivaguru P., Parameswaran K., Kiruthiga M., Vadivel P., Lalitha A.	Chemistry	Journal of the Iranian Chemical Society	2015	1735207X	https://www.springer.com/journal/13738	https://link.springer.com/art	Scopus / Web of Science
1617	Fabrication of TiO2-SiO2 bioceramic coatings on Ti alloy and its synergetic effect on biocompatibility and corrosion resistance	Mumjitha M., Raj V.	Chemistry	Journal of the Mechanical Behavior of Biomedical Materials	2015	17516161	https://www.sciencedirect.com/journal/journal-of-the-mechanical-behavior-of-biomedical-materials	https://www.sciencedirect.co	Scopus / Web of Science
1618	Trust based dynamic source routing protocol for manet against routing attacks	Mahamuni K., chandrasekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2015	19928645	https://www.jatit.org/	https://link.springer.com/art	Scopus
1619	Auto-rate adaptive mechanism for trafficcontrol in sensor network	Umashankar K.V., Chandr asekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2015	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1620	Design of network architecture for intrusion detection using spanning tree multiclass classifier in manet	Uma Devi V., chandrasekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2015	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1621	An improved watermarking resistance data compression on digital images using HAAR wavelet orthonormal basis discrete Cosine transform	Sharmila Banu M., chandrasekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2015	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus

1622	A software service model using schedule based fair queue weight for dynamic admission control on cloud infrastructure	Chidambaram, chandrasekar	Computer Science	Journal of Theoretical and Applied Information Technology	2015	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1623	An efficient management of semantic metadata repositories using temporal based kalman filter on web architecture	Abdul Rahuman A., chandrasekar C.	Computer Science	Journal of Theoretical and Applied Information Technology	2015	19928645	https://www.jatit.org/	http://www.jatit.org/volumes	Scopus
1624	Structural characterization, antioxidant and anticancer properties of gold nanoparticles synthesized from leaf extract (decoction) of Antigonon leptopus Hook. & Arn.	Balasubramani G., Ramkumar R., Krishnaveni N., Pazhanimuthu A., Natarajan T., Sowmiya R., Perumal P.	Biotechnology	Journal of Trace Elements in Medicine and Biology	2015	0946672X	https://www.sciencedirect.com/journal/journal-of-trace-elements-in-medicine-and-biology	https://www.sciencedirect.co	Scopus / Web of Science
1625	Biomedical potential of actinobacterially synthesized selenium nanoparticles with special reference to anti-biofilm, anti-oxidant, wound healing, cytotoxic and anti-viral activities	Ramya S., Shanmugasundaram ., Balagurunathan R.	Centre for Geoinformatics and Planetary Studies	Journal of Trace Elements in Medicine and Biology	2015	0946672X	https://www.sciencedirect.com/journal/journal-of-trace-elements-in-medicine-and-biology	https://www.sciencedirect.co	Scopus / Web of Science
1626	Susceptibility status of Aedes aegypti (L.) (Diptera: Culicidae) to temephos from three districts of Tamil Nadu, India	Muthusamy R., Shivakumar M.S.	Biotechnology	Journal of Vector Borne Diseases	2015	9729062	https://www.jvbd.org/	http://www.mrcindia.org/jou	Scopus
1627	Bio-statistical evaluation of cultural conditions on industrial textile dye decolourisation using a native bacterium Micrococcus endophyticus (ES37)	Ayyasamy P.M., Raja S.S.S., Subashni B., Palanivelan R.	Microbiology	Journal of Water Reuse and Desalination	2015	22201319	https://iwaponline.com/jwrd	https://iwaponline.com/jwrd	Scopus

1628	Bibliometric analysis of journal of emerging market finance: A single journal study	Sankar P., Kavitha E.S.	Library and Information Science	Library Philosophy and Practice	2015	15220222	https://digitalcommons.unl.edu/libphilprac/	https://digitalcommons.unl.e	Scopus
1629	Scholarly publications by the faculty members of Periyar University, Salem, India: A scientometric approach	Radhakrishnan N., Velmurugan C.	Library and Information Science	Library Philosophy and Practice	2015	15220222	https://digitalcommons.unl.edu/libphilprac/	https://core.ac.uk/download/	Scopus
1630	First distributional record of Nitokra affinis Gurney, 1927 (Copepoda: Harpacticoida: Ameiridae) from Vellar estuary (south-east India): Structural and molecular evidence	Rajthilak C., Santhanam P., Raja M., Suman T.Y., Rajasree S.R.R., Ramkumar R., Perumal P.	Biotechnology	Marine Biodiversity Records	2015	17552672	https://mbr.biomedcentral.com/	file:///C:/Users/EINSTEIN/D	Scopus
1631	Influence of Mg dopant on the third-order nonlinear optical properties of CdS-PVP nanocomposite films	Krishnakumar V., Shanmugam G.	Physics	Materials Letters	2015	0167577X	https://www.sciencedirect.com/journal/materials-letters	https://www.sciencedirect.co	Scopus / Web of Science
1632	Electrochemical synthesis, structural features and photoelectrocatalytic activity of TiO2-SiO2 ceramic coatings on dye degradation	Mumjitha M., Raj V.	Chemistry	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	2015	9215107	https://www.sciencedirect.com/journal/materials-science-and-engineering-b	https://www.sciencedirect.co	Scopus / Web of Science
1633	4-[2-allylsulfanyl-1-(carboxymethyl-carbamoyl)-ethylcarbamoyl]-2-amino-butyric acid: Evaluation as topoisomerase inhibitor using in vitro assay and molecular docking study	Pratheebaa P., Perumal P., Angayarkanni J., SundaraBaalaji N., Palvannan T.	Biochemistry	Medicinal Chemistry Research	2015	10542523	https://www.springer.com/journal/44	https://link.springer.com/art	Scopus / Web of Science

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1635	Geomorphic appraisal of landslides on the windward slope of Western Ghats, southern India	Sajinkumar K.S., Anbazhagan S.	Centre for Geoinformatics and Planetary Studies	Natural Hazards	2015	0921030X	https://www.springer.com/journal/11069	https://link.springer.com/art	Scopus / Web of Science
1636	Antigonon leptopus: A potent biological source for extermination of fish bacterial pathogens Providencia and Aeromonas	Balasubramani G., Deepak P., Sowmiya R., Ramkumar R., Perumal P.	Biotechnology	Natural Product Research	2015	14786419	https://www.tandfonline.com/toc/gnpl20/current	https://www.tandfonline.com	Scopus
1637	A novel hybrid feature selection method based on rough set and improved harmony search	Inbarani H.H., Bagyamathi M., Azar A.T.	Computer Science	Neural Computing and Applications	2015	9410643	https://www.springer.com/journal/521	https://link.springer.com/art	Scopus / Web of Science
1638	Combined H∞ and passivity state estimation of memristive neural networks with random gain fluctuations	Sakthivel R., Anbuvithya R., Mathiyalagan K., Prakash P.	Mathematics	Neurocomputing	2015	9252312	https://www.sciencedirect.com/journal/neurocomputing	https://www.sciencedirect.co	Scopus / Web of Science
1639	Reliable stabilization for memristor-based recurrent neural networks with time-varying delays	Mathiyalagan K., Anbuvithya R., Sakthivel R., Park J.H., Prakash P.	Mathematics	Neurocomputing	2015	9252312	https://www.sciencedirect.com/journal/neurocomputing	https://www.sciencedirect.co	Scopus / Web of Science
1640	Sampled-data state estimation for genetic regulatory networks with time-varying delays	Anbuvithya R., Mathiyalagan K., Sakthivel R., Prakash P.	Mathematics	Neurocomputing	2015	9252312	https://www.sciencedirect.com/journal/neurocomputing	https://www.sciencedirect.co	Scopus / Web of Science
1641	Formation of optical needle by high NA lens axicon with dedicated complex spiral phase mask	Lalithambigai K., Anbarasan P.M., Rajesh K.B.	Physics	Optical and Quantum Electronics	2015	3068919	https://www.springer.com/journal/11082	https://link.springer.com/art	Scopus / Web of Science

1642	Creation of super-long bright channel using high NA lens axicon with dedicated multibelt binary phase mask	Lalithambigai K., Anbarasan P.M., Rajesh K.B.	Physics	Optical and Quantum Electronics	2015	3068919	https://www.springer.com/journal/11082	https://link.springer.com/art	Scopus / Web of Science
1643	Generation of needle of transversely polarized beam using complex spiral phase mask	Lalithambigai K., Anbarasan P.M., Rajesh K.B.	Physics	Optical and Quantum Electronics	2015	3068919	https://www.springer.com/journal/11082	https://link.springer.com/art	Scopus / Web of Science
1644	Generation of multiple subwavelength focal hole segments using azimuthally polarized hollow Gaussian beam	Prabakaran K., Rajesh K.B., Pillai T.V.S.	Physics	Optical and Quantum Electronics	2015	3068919	https://www.springer.com/journal/11082	https://link.springer.com/art	Scopus / Web of Science
1645	Structural, morphological and luminescence studies on pristine and la doped zinc oxide (ZnO) nanoparticles	Govindaraj R., Govindan R., Geetha M., Anbarasan P.M.	Physics	Optik	2015	304026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.co	Scopus / Web of Science
1646	Creation of super-length optical tube by phase modulated azimuthally polarized beam with multi-zone phase filter	Lalithambigai K., Anbarasan P.M., Rajesh K.B.	Physics	Optik	2015	304026	https://www.sciencedirect.com/journal/optik	https://ur.booksc.eu/book/38	Scopus / Web of Science
1647	Growth and characterization of dyes doped TGS crystals for IR detector applications	Narayanasamy D., Kumaresan P., Anbarasan P.M.	Physics	Optoelectronics and Advanced Materials, Rapid Communications	2015	18426573	https://oam-rc.inoe.ro/	https://oam-rc.inoe.ro/article	Scopus
1648	S argassum muticum-synthesized silver nanoparticles: an effective control tool against mosquito vectors and bacterial pathogens	Madhiyazhagan P., Murugan K., Kumar A.N., Nataraj T., Dinesh D., Panneerselvam C., Subramaniam J., Kumar P.M., Suresh U., Roni M., Nicoletti M., Alarfaj A.A., Higuchi A., Munusamy M.A., Benelli G.	Zoology	Parasitology Research	2015	9320113	https://www.springer.com/journal/436	https://link.springer.com/art	Scopus / Web of Science

1649	Annona muricata leaf extract-mediated silver nanoparticles synthesis and its larvicidal potential against dengue, malaria and filariasis vector	Santhosh S.B., Yuvarajan R., Natarajan D.	Biotechnology	Parasitology Research	2015	9320113	https://www.springer.com/journal/436	https://link.springer.com/art	Scopus / Web of Science
1650	Laboratory development of permethrin resistance and cross-resistance pattern of Culex quinquefasciatus to other insecticides	Ramkumar G., Shivakumar M.S.	Biotechnology	Parasitology Research	2015	9320113	https://www.springer.com/journal/436	https://link.springer.com/art	Scopus / Web of Science
1651	Mukia maderaspatana (Cucurbitaceae) extract-mediated synthesis of silver nanoparticles to control Culex quinquefasciatus and Aedes aegypti (Diptera: Culicidae)	Chitra G., Balasubramani G., Ramkumar R., Sowmiya R., Perumal P.	Biotechnology	Parasitology Research	2015	9320113	https://www.springer.com/journal/436	https://link.springer.com/art	Scopus / Web of Science
1652	Insecticidal and repellent activity of Clausena dentata (Rutaceae) plant extracts against Aedes aegypti and Culex quinquefasciatus mosquitoes (Diptera: Culicidae)	Ramkumar G., Karthi S., Muthusamy R., Natarajan D., Shivakumar M.S.	Biotechnology	Parasitology Research	2015	9320113	https://www.springer.com/journal/436	https://link.springer.com/art	Scopus / Web of Science
1653	Adulticidal and smoke toxicity of Cipadessa baccifera (Roth) plant extracts against Anopheles stephensi, Aedes aegypti, and Culex quinquefasciatus	Ramkumar G., Karthi S., Muthusamy R., Natarajan D., Shivakumar M.S.	Biotechnology	Parasitology Research	2015	9320113	https://www.springer.com/journal/436	https://link.springer.com/art	Scopus / Web of Science

1654	Resistance selection and molecular mechanisms of cypermethrin resistance in red hairy caterpillar (Amsacta albistriga walker)	Muthusamy R., Shivakumar M.S.	Biotechnology	Pesticide Biochemistry and Physiology	2015	483575	https://www.sciencedirect.com/journal/pesticide-biochemistry-and-physiology	https://www.sciencedirect.co	Scopus / Web of Science
1655	Ethyl acetate extract from marine sponge Hyattella cribriformis exhibit potent anticancer activity by promoting tubulin polymerization as evidenced mitotic arrest and induction of apoptosis	Annamalai P., Thayman M., Rajan S., Raman L.S., Ramasubbu S., Perumal P.	Biotechnology	Pharmacognosy Magazine	2015	9731296	https://www.phcog.com/	https://www.phcog.com/arti	Scopus
1656	Heteroleptic binuclear copper(I) complexes bearing bis(salicylidene)hy azone ligands: Synthesis, crystal structure and application in catalytic N-alkylation of amines	Prakash G., Nirmala M., Ramachandran R., Viswanathamurthi P., Malecki J.G., Sanmartin J.	Chemistry	polyhedron	2015	2775387	https://www.sciencedirect.com/journal/polyhedron	https://www.sciencedirect.co	Scopus / Web of Science
1657	Efficient method for secure key matching process of large data set integration in grid computing	Ashokkumar K., chandraseakr C., Akshya M.K.S., Vincy L.	Computer Science	Research Journal of Applied Sciences, Engineering and Technology	2015	20407459	https://maxwellsci.com/jp/j2p.php?jid=RJASET	https://maxwellsci.com/jp/m	Scopus
1658	Efficient heterogeneous grid data sharing using heuristics based dynamic hash key generation	Ashokkumar K., chandrasekar C.	Computer Science	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2015	9758585	https://www.rjpbcs.com/	https://rjpbcs.com/pdf/2015	Scopus
1659	Efficient and dynamic parallel job scheduling for bioinformatics data management in data grid environment	Ashok Kumar K., chandrasekar C.	Computer Science	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2015	9758585	https://www.rjpbcs.com/	https://rjpbcs.com/pdf/2015	Scopus
1660	Phytochemical study of Bauhinia purpurea Linn. Stem	Krishnaveni M.	Biochemistry	Research Journal of Pharmacy and Technology	2015	9743618	https://rjptonline.org/	https://rjptonline.org/Abstra	Scopus

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1662	Evaluation of antibacterial action and hepatoprotective efficiency of Solanum nigrum leaves extract on acetaminophen induced hepatotoxicity	Bhavani R., Geetha G., Santhoshkumar J., Rajeshkumar S.	Biochemistry	Research Journal of Pharmacy and Technology	2015	9743618	https://rjptonline.org/\	https://rjptonline.org/HTMLF	Scopus
1663	In vitro antioxidant status of plants studied near omalur bus stand	Krishnaveni M., Silambarasan V., Kumar R.S., Sabari M., Eswari V., Silpavathi G.	Biochemistry	Research Journal of Pharmacy and Technology	2015	9743618	https://rjptonline.org/	https://rjptonline.org/Abstra	Scopus
1664	GC-MS/MS study of Parthenium hysterophorus L(N. Am) stem, antimicrobial activity	Krishnaveni M., Kalaivani M., Ragina Banu C., Krishna Kumari G.	Biochemistry	Research Journal of Pharmacy and Technology	2015	9743618	https://rjptonline.org/	https://rjptonline.org/Abstra	Scopus
1665	A preliminary study on Terminalia catappa L. leaf, stem	Krishnaveni M., Krishna Kumari G., Kalaivani M., Ragina Banu C.	Biochemistry	Research Journal of Pharmacy and Technology	2015	9743618	https://rjptonline.org/	https://rjptonline.org/Abstra	Scopus
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1667	Phytochemical analysis of Terminalia catappa stem using GC-MS/MS	Krishnaveni M., Krishna Kumari G., Ragina Banu C., Kalaivani M.	Biochemistry	Research Journal of Pharmacy and Technology	2015	9743618	https://rjptonline.org/	https://rjptonline.org/Abstra	Scopus
1668	Catalyst-free one-pot synthesis and antioxidant evaluation of highly functionalized novel 1,4-dihy opyridine derivatives	Ramesh R., Maheswari S., Murugesan S., Sandhiya R., Lalitha A.	Chemistry	Research on Chemical Intermediates	2015	9226168	https://www.springer.com/journal/11164	https://link.springer.com/art	Scopus / Web of Science

1669	Synthesis of pyran annulated heterocyclic scaffolds: A highly convenient protocol using dimethylamine	Ramesh R., Lalitha A.	Chemistry	Research on Chemical Intermediates	2015	9226168	https://www.springer.com/journal/11164	https://link.springer.com/art	Scopus / Web of Science
1670	Nickel(ii) and copper(ii) complexes constructed with N2S2 hybrid benzamidine-thiosemicarbazone ligand: Synthesis, X-ray crystal structure, DFT, kinetico-catalytic and in vitro biological applications	Vijayan P., Viswanathamurthi P., Velmurugan K., Nandhakumar R., Balakumaran M.D., Kalaichelvan P.T., Malecki J.G.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1671	Ball flower like manganese, strontium substituted hy oxyapatite/cerium oxide dual coatings on the AZ91 Mg alloy with improved bioactive and corrosion resistance properties for implant applications	Gopi D., Murugan N., Ramya S., Shinyjoy E., Kavitha L.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issues	https://pubs.rsc.org/en/conte	Scopus
1672	PEG-assisted two-component approach for the facile synthesis of 5-aryl-1,2,4-triazolidine-3-thiones under catalyst-free conditions	Ramesh R., Lalitha A.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1673	Smart rose flower like bioceramic/metal oxide dual layer coating with enhanced anti-bacterial, anti-cancer, anti-corrosive and biocompatible properties for improved orthopedic applications	Murugan N., Kavitha L., Shinyjoy E., Rajeswari D., Vimala K., Kannan S., Gopi D.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus / Web of Science

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1675	Fabrication of divalent ion substituted hy oxyapatite/gelatin nanocomposite coating on electron beam treated titanium: Mechanical, anticorrosive, antibacterial and bioactive evaluations	Karthika A., Kavitha L., Surendiran M., Kannan S., Gopi D.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/ko/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1676	Fabrication of a pH responsive DOX conjugated PEGylated palladium nanoparticle mediated drug delivery system: An in vitro and in vivo evaluation	Shanthi K., Vimala K., Gopi D., Kannan S.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issues	https://pubs.rsc.org/en/conte	Scopus
1677	Utilization of snail shells to synthesise hy oxyapatite nanorods for orthopedic applications	Kumar G.S., Sathish L., Govindan R., Girija E.K.	Physics	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1678	A novel magnetic drug delivery nanocomplex with a cisplatin-conjugated Fe3O4 core and a PEG-functionalized mesoporous silica shell for enhancing cancer drug delivery efficiency	Rejeeth C., Vivek R., Kannan S.	Zoology	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1679	Modified phyto-waste Terminalia catappa fruit shells: A reusable adsorbent for the removal of micropollutant diclofenac	Sathishkumar P., Arulkumar M., Ashokkumar V., Mohd Yusoff A.R., Murugesan K., Palvannan T., Salam Z., Ani F.N., Hadibarata T.	Biochemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/lv/journals/journalissues/ra#!issues	https://pubs.rsc.org/en/conte	Scopus

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1681	Ruthenium(II) complexes containing a phosphine-functionalized thiosemicarbazone ligand: Synthesis, structures and catalytic C-N bond formation reactions via N-alkylation	Ramachandran R., Prakash G., Selvamurugan S., Viswanathamurthi P., Malecki J.G., Linert W., Gusev A.	Chemistry	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1682	Theranostic potentials of multifunctional chitosan-silver-phycoerythrin nanocomposites against triple negative breast cancer cells	Thangam R., Sundarraj S., Vivek R., Suresh V., Sivasubramanian S., Paulpandi M., Karthick S.V., Ragavi A.S., Kannan S.	Zoology	RSC Advances	2015	20462069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011016&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/conte	Scopus
1683	Impact assessment of mercury accumulation and biochemical and molecular response of Mentha arvensis: A potential hyperaccumulator plant	Manikandan R., Sahi S.V., Venkatachalam P.	Biotechnology	Scientific World Journal	2015	23566140	https://www.hindawi.com/journals/tswj/	https://www.hindawi.com/jo	Scopus
1684	Spectroscopic and statistical approach of archaeological artifacts recently excavated from Tamilnadu, South India	Seetha D., Velraj G.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science

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1686	Ab initio and density functional theory calculations of molecular structure and vibrational spectra of 4-(2-Hy oxyethyl) piperazine-1-ethanesulfonic acid	Kumar J.S., Devi T.S.R., Ramkumaar G.R., Bright A.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1687	Structural and optical properties of Purpurin for dye-sensitized solar cells	Ranjitha S., Rajarajan G., Gnanen a T.S., Anbarasan P.M., Aroulmoji V.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1688	Structural, spectral, thermodynamical, NLO, HOMO, LUMO and NBO analysis of fluconazole	Chandrasekaran K., Thilak Kumar R.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1689	Opuntia ficus indica peel derived pectin mediated hy oxyapatite nanoparticles: Synthesis, spectral characterization, biological and antimicrobial activities	Gopi D., Kanimozhi K., Kavitha L.	Chemistry	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/science/journal/13861425	https://www.sciencedirect.co	Scopus / Web of Science
1690	Molecular structure, vibrational analysis (FT-IR, FT-Raman), NMR, UV, NBO and HOMO-LUMO analysis of N,N-Diphenyl Formamide based on DFT calculations	Mathammal R., Monisha N.R., Yasaswini S., Krishnakumar V.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science

1691	Investigation of structure, vibrational, electronic, NBO and NMR analyses of 2-chloro-4-nitropyridine (CNP), 2 chloro-4-methyl-5-nitropyridine (CMNP) and 3-amino-2-chloro-4-methylpyridine (ACMP) by experimental and theoretical approach	Velraj G., Soundharam S., Sridevi C.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1692	Spectroscopic (FTIR, FT-Raman, UV and NMR) investigation and NLO, HOMO-LUMO, NBO analysis of 2-Benzylpyridine based on quantum chemical calculations	Mathammal R., Sudha N., Guru Prasad L., Ganga N., Krishnakumar V.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1693	DFT analysis on the molecular structure, vibrational and electronic spectra of 2-(cyclohexylamino)ethanesulfonic acid	Renuga Devi T.S., Sharmi Kumar J., Ramkumaar G.R.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1694	Synthesis and characterization of cluster of grapes like pure and Zinc-doped CuO nanoparticles by sol-gel method	Jayaprakash J., Srinivasan N., chandrasekaran P., Girija E.K.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1695	Quantum chemical studies on structural, vibrational, NBO and hyperpolarizability of N-(1,1-Dimethyl-2-hyoxyethyl)-3-amino-2-hyoxypropanesulfonic acid	Renuga Devi T.S., Sharmi Kumar J., Ramkumaar G.R.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science

1696	DFT and TD-DFT study on geometries, electronic structures and electronic absorption of some metal free dye sensitizers for dye sensitized solar cells	Mohr T., Aroulmoji V., Ravin an R.S., Müller M., Ranjitha S., Rajarajan G., Anbarasan P.M.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1697	Characterization of 1,5-dimethoxynaphthalene by vibrational spectroscopy (FT-IR and FT-Raman) and density functional theory calculations	Kandasamy M., Velraj G., Kalaichelvan S., Mariappan G.	Physics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2015	13861425	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy	https://www.sciencedirect.co	Scopus / Web of Science
1698	Corrosion inhibition by benzotriazole derivatives and sodium dodecyl sulphate as corrosion inhibitors for copper in ground water at different temperatures	Gopi D., Sherif E.-S.M., Surendiran M., Angeline Sakila D.M., Kavitha L.	Chemistry	Surface and Interface Analysis	2015	1422421	https://analyticalsciencejournals.onlinelibrary.wiley.com/journal/10969918	https://analyticalsciencejourn	Scopus
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1701	Efficacy of the entomopathogenic nematode heterorhabditis bacteriophora using different application methods in the presence or absence of a natural enemy	Raja R.K., Hazir C., Gümüş A., Asan C., Karagöz M., Hazir S.	Biotechnology	Turkish Journal of Agriculture and Forestry	2015	1300011X	https://journals.tubitak.gov.tr/agriculture/index.htm	https://dergipark.org.tr/tr/d	Scopus

1702	Phytofabrication of biomolecule-coated metallic silver nanoparticles using leaf extracts of in vitro-raised bamboo species and its anticancer activity against human PC3 cell lines	Kalaiarasi K., Prasannaraj G., Sahi S.V., Venkatachalam P.	Biotechnology	Turkish Journal of Biology	2015	13000152	https://journals.tubitak.gov.tr/biology/index.htm	https://dergipark.org.tr/tr/d	Scopus
1703	Derived Functors of Hom Relative to n-Flat Covers	Selvaraj C., Udhayakumar R.	Mathematics	Vietnam Journal of Mathematics	2015	2305221X	https://www.springer.com/journal/10013	https://link.springer.com/art	Scopus / Web of Science