SELECTED PUBLICATIONS DURING - 2015

S.No	Authors	Title of the Article	Name of the Journal	Vol.	Issue	Page No. Start	Page No. End	Impact Factor	DOI
1	Arul N.S., Mangalaraj D., Ramachandran R., Grace A.N., Han J.I.	Fabrication of CeO2/Fe2O3 composite nanospindles for enhanced visible light driven photocatalysts and supercapacitor electrodes	Journal of Materials Chemistry A	3	29	15248	15258	10.73	https://doi.org/10.1016/j.jppr.2015.07.002
2	Fathima A.H., Palanisamy K.	Optimization in microgrids with hybrid energy systems - A review	Renewable and Sustainable Energy Reviews	45	-	431	446	10.56	https://journal.gnest.org/sites/default/files/Submissions/gnest_01735/gnest_01735_published.pdf
3	Deshkar S.N., Dhale S.B., Mukherjee J.S., Babu T.S., Rajasekar N.	Solar PV array reconfiguration under partial shading conditions for maximum power extraction using genetic algorithm	Renewable and Sustainable Energy Reviews	43	-	102	110	10.56	https://doi.org/10.1590/S1516-89132015060304
4	Suganthi L., Iniyan S., Samuel A.A.	Applications of fuzzy logic in renewable energy systems - A review	Renewable and Sustainable Energy Reviews	48	-	585	607	10.56	https://doi.org/10.3992/jgb.10.2.157
5	Shivarama Krishna K., Sathish Kumar K.	A review on hybrid renewable energy systems	Renewable and Sustainable Energy Reviews	52	-	907	916	10.56	https://doi.org/10.1007/s13197-014-1674-2
6	Abinandan S., Shanthakumar S.	Challenges and opportunities in application of microalgae (Chlorophyta) for wastewater treatment: A review	Renewable and Sustainable Energy Reviews	52	-	123	132	10.56	https://doi.org/10.1016/j.indcrop.2015.01.008
7	Soman A., Shastri Y.	Optimization of novel photobioreactor design using computational fluid dynamics	Applied Energy	140	-	246	255	8.43	https://doi.org/10.1016/j.ejrs.2015.03.004
8	Ramachandran R., Saranya M., Velmurugan V., Raghupathy B.P.C., Jeong S.K., Grace A.N.	Effect of reducing agent on graphene synthesis and its influence on charge storage towards supercapacitor applications	Applied Energy	153	-	22	31	8.43	https://doi.org/10.1590/S1516-8913201500076
9	Saravanan S., Thirugnanasambantham K., Hanieh H., Karikalan K., Sekar D., Rajagopalan R., Islam V.I.H.	miRNA-24 and miRNA-466i-5p controls inflammation in rat hepatocytes	Cellular and Molecular Immunology	12	1	113	115	8.21	http://nopr.niscair.res.in/bitstream/123456789/33450/1/JSIR%2074%2812%29%20670-674.pdf

10	Sivanesan D., Choi Y., Lee J., Youn M.H., Park K.T., Grace A.N., Kim H.-J., Jeong S.K.	Carbon Dioxide Sequestration by Using a Model Carbonic Anhydrase Complex in Tertiary Amine Medium	ChemSusChem	8	23	3977	3982	7.8	https://doi.org/10.1016/j.aquaculture.2015.05.039
11	Poonguzhali R., Shanmugam N., Gobi R., Senthilkumar A., Viruthagiri G., Kannadasan N.	Effect of Fe doping on the electrochemical capacitor behavior of MnO<inf>2</inf> nanocrystals	Journal of Power Sources	293	-	790	798	7.47	https://doi.org/10.1016/j.aquaculture.2014.12.008
12	Daya J.L.F., Sanjeevikumar P., Blaabjerg F., Wheeler P.W., Ojo J.O.	Implementation of Wavelet-Based Robust Differential Control for Electric Vehicle Application	IEEE Transactions on Power Electronics	30	12	6510	6513	7.22	https://doi.org/10.1007/s13197-015-1729-z
13	Gunabalan R., Sanjeevikumar P., Blaabjerg F., Ojo O., Subbiah V.	Analysis and Implementation of Parallel Connected Two-Induction Motor Single-Inverter Drive by Direct Vector Control for Industrial Application	IEEE Transactions on Power Electronics	30	12	6472	6475	7.22	https://krishi.icar.gov.in/jspui/bitstream/123456789/1789/1/184-2015-Mamdani%20Fuzzy%20model%20-%20IJF-%20Maha.pdf
14	Sen Gupta S., Chakraborty I., Maliyekkal S.M., Adit Mark T., Pandey D.K., Das S.K., Pradeep T.	Simultaneous dehalogenation and removal of persistent halocarbon pesticides from water using graphene nanocomposites: A case study of lindane	ACS Sustainable Chemistry and Engineering	3	6	1155	1163	6.97	https://doi.org/10.1007/s13197-014-1654-6
15	Sriram S., Seenivasan R.	Biophotonic perception on Desmodesmus sp. VIT growth, lipid and carbohydrate content	Bioresource Technology	198	-	626	633	6.67	https://doi.org/10.1590/S1516-89132015050197
16	Saumya S., Akansha S., Rinaldo J., Jayasri M.A., Suthindhiran K.	Construction and evaluation of prototype subsurface flow wetland planted with Heliconia angusta for the treatment of synthetic greywater	Journal of Cleaner Production	91	-	235	240	6.4	https://doi.org/10.1016/j.foodres.2015.01.005
17	Sudhakar Babu T., Priya K., Maheswaran D., Sathish Kumar K., Rajasekar N.	Selective voltage harmonic elimination in PWM inverter using bacterial foraging algorithm	Swarm and Evolutionary Computation	20	-	74	81	6.33	https://doi.org/10.1590/S1516-89132015050106
18	Babu, T. Sudhakar; Priya, K.; Maheswaran, D.; Kumar, K. Satish; Rajasekar, N.	Selective voltage harmonic elimination bacterial foraging algorithm	Swarm and Evolutionary Computation	20	-	74	81	6.33	https://doi.org/10.1007/s13197-014-1440-5

19	Shakeel-U-Rehman, Rah B., Lone S.H., Rasool R.U., Farooq S., Nayak D., Chikan N.A., Chakraborty S., Behl A., Mondhe D.M., Goswami A., Bhat K.A.	Design and synthesis of antitumor heck-coupled sclareol analogues: Modulation of BH3 family members by SS-12 in autophagy and apoptotic cell death	Journal of Medicinal Chemistry	58	8	3432	3444	6.05	https://doi.org/10.1007/s10265-015-0726-7
20	Das D., Varghese L.R., Das N.	Enhanced TDS removal using cyclodextrinated, sulfonated and aminated forms of bead-membrane duo nanobiocomposite via sophorolipid mediated complexation	Desalination	360	-	35	44	6.04	https://doi.org/10.12989/ose.2015.5.1.041
21	Chiranjeevi C., Srinivas T.	Experimental and simulation studies on two stage humidification-dehumidification desalination and cooling plant	Desalination	376	-	9	16	6.04	http://www.seer.ufu.br/index.php/biosciencejournal/article/view/26263/16488
22	Heslop, James A.; Hammond, Thomas G.; Santeramo, Ilaria; Baty, Roua; Graziano, Enrique I; Caron, Alexis; Andrews, Peter W; Baxter, Melissa A. ; Hay, David C.] ; Hamdam, Junnat; Sharpe, Michaela E; Patel, Sara; Jones, David R; Reinhardt, Jens; Sethu, Swami	Concise Review: Workshop Review: Understanding and Assessing the Risks of Stem Cell-Based Therapies	Stem cells translational medicine	4	4	389	400	5.96	https://doi.org/10.1016/j.dt.2015.05.006
23	Velu M., Bhat S.	Experimental investigations of fracture and fatigue crack growth of copper-steel joints arc welded using nickel-base filler	Materials and Design	67	-	244	260	5.77	https://doi.org/10.1007/s40858-015-0058-0
24	Devendranath Ramkumar K., Sridhar R., Periwal S., Oza S., Saxena V., Hidad P., Arivazhagan N.	Investigations on the structure - Property relationships of electron beam welded Inconel 625 and UNS 32205	Materials and Design	68	-	158	166	5.77	http://www.etamaths.com/index.php/ijaa/article/view/492/146

25	Devendranath Ramkumar K., Dev S., Saxena V., Choudhary A., Arivazhagan N., Narayanan S.	Effect of flux addition on the microstructure and tensile strength of dissimilar weldments involving Inconel 718 and AISI 416	Materials and Design	87	-	663	674	5.77	https://doi.org/10.1016/j.ejrs.2015.10.002
26	Devendranath Ramkumar K., Mishra D., Ganesh Raj B., Vignesh M.K., Thiruvengatam G., Sudharshan S.P., Arivazhagan N., Sivashanmugam N., Rabel A.M.	Effect of optimal weld parameters in the microstructure and mechanical properties of autogeneous gas tungsten arc weldments of super-duplex stainless steel UNS S32750	Materials and Design	66	PA	356	365	5.77	http://gujs.gazi.edu.tr/article/view/1060001795/5000130690
27	Manojkumar K., Prabhu Charan K.T., Sivaramakrishna A., Jha P.C., Khedkar V.M., Siva R., Jayaraman G., Vijayakrishna K.	Biophysical Characterization and Molecular Docking Studies of Imidazolium Based Polyelectrolytes-DNA Complexes: Role of Hydrophobicity	Biomacromolecules	16	3	894	903	5.67	https://doi.org/10.1007/s13197-014-1292-z
28	Ahmed, N. Syed Siraj; Acharjya, D. P.	Detection of Denial of Service Attack in Wireless Network using Dominance based Rough Set	International Journal of Advanced Computer Science and Applications	6	12	267	278	5.52	https://doi.org/10.5614/j.math.fund.sci.2015.47.1.5
29	Ramachandran R., Saranya M., Kollu P., Raghupathy B.P.C., Jeong S.K., Grace A.N.	Solvothermal synthesis of Zinc sulfide decorated Graphene (ZnS/G) nanocomposites for novel Supercapacitor electrodes	Electrochimica Acta	178	-	647	657	5.38	https://doi.org/10.1080/17486025.2014.902120
30	Sharma G., Sharma A.R., Nam J.-S., Doss G.P.C., Lee S.-S., Chakraborty C.	Nanoparticle based insulin delivery system: The next generation efficient therapy for Type 1 diabetes	Journal of Nanobiotechnology	13	1	-	-	5.35	https://doi.org/10.1080/17486025.2014.985336

31	Anbazhagan R., Rangaswamy N.	Investigations on enhanced power saving mechanism for IEEE 802.16m network with heterogeneous traffic	Journal of Network and Computer Applications	51	-	91	101	5.27	https://www.researchgate.net/publication/314361646_Synthesis_of_D-ribose_and_D-galactose_derived_chiral_ionic_liquids_as_recyclable_chiral_solvent_for_michael_addition_reaction
32	Munirathinam B., Pydimukkala H., Ramaswamy N., Neelakantan L.	Influence of crystallite size and surface morphology on electrochemical properties of annealed TiO2 nanotubes	Applied Surface Science	355	-	1245	1253	5.16	http://ijmc.kashanu.ac.ir/article_9056_8441113ee648b7051f3b05875d262234.pdf
33	Chella S., Kollu P., Komarala E.V.P.R., Doshi S., Saranya M., Felix S., Ramachandran R., Saravanan P., Koneru V.L., Venugopal V., Jeong S.K., Grace A.N.	Solvothermal synthesis of MnFe2O4-graphene composite-Investigation of its adsorption and antimicrobial properties	Applied Surface Science	327	-	27	36	5.16	https://doi.org/10.1007/s12594-015-0327-z
34	Baskaran U.L., Sabina E.P.	The food supplement coenzyme Q10 and suppression of antitubercular drug-induced hepatic injury in rats: the role of antioxidant defence system, anti-inflammatory cytokine IL-10	Cell Biology and Toxicology	31	42859	211	219	5.1	http://www.pvamu.edu/PDFFiles/mathematics/aam/volume-10-isuue-1-june-2015/20_R778-Sandeep-Vol.-10-Issue-1-Posted-06-18-15.pdf
35	Mandal A., Sekar S., Chandrasekaran N., Mukherjee A., Sastry T.P.	Synthesis, characterization and evaluation of collagen scaffolds crosslinked with aminosilane functionalized silver nanoparticles: In vitro and in vivo studies	Journal of Materials Chemistry B	3	15	3032	3043	5.05	http://article.nadiapub.com/IJGDC/vol8_no1/14.pdf
36	Jegadeeshwaran R., Sugumaran V.	Fault diagnosis of automobile hydraulic brake system using statistical features and support vector machines	Mechanical Systems and Signal Processing	52-53	1	436	446	5.01	https://doi.org/10.1007/s13204-014-0309-2
37	Jayaprakash N., Judith Vijaya J., John Kennedy L., Priadharsini K., Palani P.	Antibacterial activity of silver nanoparticles synthesized from serine	Materials Science and Engineering C	49	-	316	322	4.96	https://doi.org/10.1186/s40064-015-1493-6

38	Banerjee P., Madhu S., Chandra Babu N.K., Shanthi C.	Bio-mimetic mineralization potential of collagen hydrolysate obtained from chromium tanned leather waste	Materials Science and Engineering C	49	-	338	347	4.96	https://doi.org/10.1590/S1516-8913201400173
39	Geethanjali P., Ray K.K.	A Low-Cost Real-Time Research Platform for EMG Pattern Recognition-Based Prosthetic Hand	IEEE/ASME Transactions on Mechatronics	20	4	1948	1955	4.94	https://doi.org/10.1007/s13197-014-1289-7
40	Sherly E.D., Judith Vijaya J., John Kennedy L.	Visible-light-induced photocatalytic performances of ZnO-CuO nanocomposites for degradation of 2,4-dichlorophenol	Cuihua Xuebao/Chinese Journal of Catalysis	36	8	1263	1272	4.91	https://doi.org/10.1016/j.jtusci.2014.04.005
41	Sudhakar Babu T., Rajasekar N., Sangeetha K.	Modified Particle Swarm Optimization technique based Maximum Power Point Tracking for uniform and under partial shading condition	Applied Soft Computing Journal	34	-	613	624	4.87	https://doi.org/10.1016/j.jestch.2014.10.005
42	Sangaiah A.K., Thangavelu A.K., Gao X.Z., Anbazhagan N., Durai M.S.	An ANFIS approach for evaluation of team-level service climate in GSD projects using Taguchi-genetic learning algorithm	Applied Soft Computing Journal	30	-	628	635	4.87	https://doi.org/10.1016/j.jare.2014.02.002
43	Venkatesan G., Paira P., Cheong S.L., Federico S., Klotz K.N., Spalluto G., Pastorin G.	A facile and novel synthesis of N2-, C6-substituted pyrazolo[3,4- d]pyrimidine-4 carboxylate derivatives as adenosine receptor antagonists	European Journal of Medicinal Chemistry	92	-	784	798	4.83	https://doi.org/10.1080/21642583.2014.985803
44	Rajkumar S., Karthik S., Gandhi T.	Ru(II)-catalyzed Î²-carboline directed C-H arylation and isolation of its cycloruthenated intermediates	Journal of Organic Chemistry	80	11	5532	5545	4.75	https://doi.org/10.1016/j.jascer.2015.01.002
45	Gunasekar R., Thamaraiselvi P., Rathore R.S., Sathiyanarayanan K.I., Easwaramoorthi S.	Tuning the Electronic Properties of 2-Cyano-3-phenylacrylamide Derivatives	Journal of Organic Chemistry	80	24	12351	12358	4.75	https://doi.org/10.7454/msk.v19i1.4594
46	Zahir A.A., Chauhan I.S., Bagavan A., Kamaraj C., Elango G., Shankar J., Arjaria N., Roopan S.M., Rahuman A.A., Singh N.	Green synthesis of silver and titanium dioxide nanoparticles using Euphorbia prostrata extract shows shift from apoptosis to G<inf>0</inf>/G<inf>1</inf> arrest followed by necrotic cell death in Leishmania donovani	Antimicrobial Agents and Chemotherapy	59	8	4782	4799	4.72	https://doi.org/10.1155/2015/867586

47	Sangaiah A.K., Subramaniam P.R., Zheng X.	A combined fuzzy DEMATEL and fuzzy TOPSIS approach for evaluating GSD project outcome factors	Neural Computing and Applications	26	5	1025	1040	4.66	https://doi.org/10.1007/s13204-014-0292-7
48	Gangarajula Y., Kedharnath R., Gopal B.	Investigation of photocatalytic activity of pure strontium hydroxyapatite and its Ti-substituted and TiO<inf>2</inf> loaded forms	Applied Catalysis A: General	506	-	100	108	4.63	https://doi.org/10.1016/j.jestch.2014.08.001
49	Muskawar P.N., Thenmozhi K., Bhagat P.R.	Designing of thermally stable amide functionalized benzimidazolium perchlorate ionic liquid for transamidation of primary carboxamides	Applied Catalysis A: General	493	-	158	167	4.63	https://doi.org/10.1007/s13204-014-0324-3
50	Raghavan K., Mandla V.R., Franco S.	Influence of urban areas on environment: Special reference to building materials and temperature anomalies using geospatial technology	Sustainable Cities and Society	19	-	349	358	4.62	https://doi.org/10.14267/cjssp.2015.02.02
51	Singh A., Mudawal A., Shukla R.K., Yadav S., Khanna V.K., Sethumadhavan R., Parmar D.	Effect of Gestational Exposure of Cypermethrin on Postnatal Development of Brain Cytochrome P450 2D1 and 3A1 and Neurotransmitter Receptors	Molecular Neurobiology	52	1	757	757	4.59	http://nopr.niscair.res.in/bitstream/123456789/34629/1/IJMS%2044%281%29%2076-82.pdf
52	Bogireddy N.K.R., Hoskote Anand K.K., Mandal B.K.	Gold nanoparticles - Synthesis by Sterculia acuminata extract and its catalytic efficiency in alleviating different organic dyes	Journal of Molecular Liquids	211	-	868	875	4.56	https://search.proquest.com/openview/28eacfac94c5e28e4d00743b839cf0f9/1?pq-origsite=gscholar&cbl=816390
53	Sekar G., Sivakumar A., Mukherjee A., Chandrasekaran N.	Probing the interaction of neem oil based nanoemulsion with bovine and human serum albumins using multiple spectroscopic techniques	Journal of Molecular Liquids	212	-	283	290	4.56	https://doi.org/10.1590/S1516-8913201500062
54	Sandeep N., Rushi Kumar B., Jagadeesh Kumar M.S.	A comparative study of convective heat and mass transfer in non-Newtonian nanofluid flow past a permeable stretching sheet	Journal of Molecular Liquids	212	-	585	591	4.56	http://helix.dnares.in/wp-content/uploads/2018/01/2_Helix_719-724.pdf

55	Sahithya K., Das D., Das N.	Effective removal of dichlorvos from aqueous solution using biopolymer modified MMT-CuO composites: Equilibrium, kinetic and thermodynamic studies	Journal of Molecular Liquids	211	-	821	830	4.56	https://doi.org/10.1080/09720529.2015.1013693
56	Misra S., Krishna P.V., Saritha V., Agarwal H., Shu L., Obaidat M.S.	Efficient medium access control for cyber-physical systems with heterogeneous networks	IEEE Systems Journal	9	1	22	30	4.46	https://doi.org/10.1186/s40555-015-0118-7
57	Sudip misra., P venkata krishna., V saritha., Harshit agarwal., Athanasios v vasilakos., Mohammad s obaidat	Learning Automata-Based Fault-Tolerant System for Dynamic Autonomous Unmanned Vehicular Networks	IEEE Systems Journal	11	4	2929	2938	4.46	http://nopr.niscair.res.in/bitstream/123456789/33111/1/JSIR%2074%2811%29%20641-644.pdf
58	Vilvanathan S., Shanthakumar S.	Biosorption of Co(II) ions from aqueous solution using Chrysanthemum indicum: Kinetics, equilibrium and thermodynamics	Process Safety and Environmental Protection	96	-	98	110	4.38	https://thesai.org/Publications/ViewPaper?Volume=6&Issue=12&Code=ijacsa&SerialNo=36
59	Muthukumar M., Phanikumar B.R.	Shrinkage Behaviour of GPA-Reinforced Expansive Clay Beds Subjected to Swellâââ€š¬ââ‚¬Å“Shrink Cycles	Geotechnical and Geological Engineering	33	3	475	485	4.34	https://doi.org/10.1111/jfd.12297
60	Viswanathan R., Jagan J., Samui P., Porchelvan P.	Spatial Variability of Rock Depth Using Simple Kriging, Ordinary Kriging, RVM and MPMR	Geotechnical and Geological Engineering	33	1	69	78	4.34	https://doi.org/10.1016/j.aquaculture.2015.03.010
61	Samui P., Hariharan R.	A unified classification model for modeling of seismic liquefaction potential of soil based on CPT	Journal of Advanced Research	6	4	587	592	4.327	https://doi.org/10.1007/s13197-014-1390-y
62	Chowdhury, S.; Maniar, A.; Suganya, O. M.	Strength development in concrete with wood ash blended cement and use of soft computing models to predict strength parameters	Journal of Advanced Research	6	6	907	913	4.327	https://doi.org/10.1080/19336934.2015.1079361
63	Gayathri P., Kumar A.S., Kamaraj S.	An unusual electrochemical reductive cleavage of azo dye into highly redox active copolymeric aniline derivatives on a MWCNT modified electrode surface at neutral pH and its electroanalytical features	Journal of Physical Chemistry C	119	14	7791	7801	4.31	-

64	Lakshmipathy R., Sarada N.C.	A fixed bed column study for the removal of Pb2+ ions by watermelon rind	Environmental Science: Water Research and Technology	1	2	244	250	4.2	-
65	Shiju thomas michael., Krishna kanth batchu., Pragasam viswanathhan., Rajesh nachiappa ganesh	FP468CD36 EXPRESSION LEVEL IN STREPTOZOTOCIN INDUCED DIABETIC RATS PROGRESSING TO NEPHROPATHY	NEPHROLOGY DIALYSIS TRANSPLANTATION	30	S3	227	-	4.2	https://doi.org/10.1016/j.jare.2014.08.006
66	Sridharan, Badrinathan; Annamalai, Chandrashekar; Singhh, Shivendra Pratap; Ganesh, Rajesh Nachiappa; Viswanathhan, Pragasam	ROLE OF IRON AND RENAL TRANSFERRIN EXPRESSION ON CONTRAST INDUCED ACUTE KIDNEY INJURY	NEPHROLOGY DIALYSIS TRANSPLANTATION	30	-	-	-	4.2	https://doi.org/10.1007/s12665-014-3711-x
67	Michael, Shiju Thomas; Batchu, Krishna Kanth; Ganesh, Rajesh Nachiappa; Viswanathan, Pragasam	CD36 EXPRESSION LEVEL IN STREPTOZOTOCIN INDUCED DIABETIC RATS PROGRESSING TO NEPHROPATHY	NEPHROLOGY DIALYSIS TRANSPLANTATION	30	-	-	-	4.2	https://doi.org/10.1007/s12665-015-4567-4
68	Rajalingam S., Alex Z.C.	Fivefold symmetric photonic quasi-crystal fiber for dispersion compensation from S- to L-Band and Optimized at 1.55 m	Advances in OptoElectronics	2015	-	-	-	4.13	https://doi.org/10.1007/s10661-015-4440-7
69	Velmurugan T., Khara S., Basavaraj B.	Modified handoff algorithm for providing optimization in heterogeneous wireless networks	Evolving Systems	6	3	199	208	4.13	https://doi.org/10.1002/ep.11976
70	Ambasta R.K., Jha S.K., Kumar D., Sharma R., Jha N.K., Kumar P.	Comparative study of anti-angiogenic activities of luteolin, lectin and lupeol biomolecules	Journal of Translational Medicine	13	1	-	-	4.1	https://doi.org/10.1002/ep.11966

71	Ramkumar K.D., Kumar B.M., Krishnan M.G., Dev S., Bhalodi A.J., Arivazhagan N., Narayanan S.	Studies on the weldability, microstructure and mechanical properties of activated flux TIG weldments of Inconel 718	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	639	-	234	244	4.08	https://doi.org/10.1002/ep.11970
72	Ramkumar K.D., Varma J.L.N., Chaitanya G., Choudhary A., Arivazhagan N., Narayanan S.	Effect of autogeneous GTA welding with and without flux addition on the microstructure and mechanical properties of AISI 904L joints	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	636	-	1	9	4.08	https://doi.org/10.1002/ep.12144
73	Devendranath Ramkumar K., Bajpai A., Raghuvanshi S., Singh A., Chandrasekhar A., Arivarasu M., Arivazhagan N.	Investigations on structure-property relationships of activated flux TIG weldments of super-duplex/austenitic stainless steels	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	638	-	60	68	4.08	https://doi.org/10.1002/ep.12127
74	Hemalatha K., Madhumitha G., Vasavi C.S., Munusami P.	2,3-dihydroquinazolin-4(1H)-ones: Visible light mediated synthesis, solvatochromism and biological activity	Journal of Photochemistry and Photobiology B: Biology	143	-	139	147	4.07	https://doi.org/10.1007/s11356-014-3735-5
75	Sekar G., Kandiyil S.T., Sivakumar A., Mukherjee A., Chandrasekaran N.	Binding studies of hydroxylated Multi-Walled Carbon Nanotubes to hemoglobin, gamma globulin and transferrin	Journal of Photochemistry and Photobiology B: Biology	153	-	222	232	4.07	https://doi.org/10.1007/s11356-015-4355-4
76	Sharma D., Moirangthem A., Roy S.M., Kumar A.S.K., Nandre J.P., Patil U.D., Basu A., Sahoo S.K.	Bioimaging application of a novel anion selective chemosensor derived from vitamin B6 cofactor	Journal of Photochemistry and Photobiology B: Biology	148	-	37	42	4.07	https://doi.org/10.1039/c4ew00027g
77	Gomathi P., Sivakumar A.	Accelerated curing effects on the mechanical performance of cold bonded and sintered fly ash aggregate concrete	Construction and Building Materials	77	-	276	287	4.05	https://doi.org/10.1080/09593330.2015.1054318

78	Sahu N.K., Gupta J., Bahadur D.	PEGylated FePt-Fe<inf>3</inf>O<inf>4</inf> composite nanoassemblies (CNAs): In vitro hyperthermia, drug delivery and generation of reactive oxygen species (ROS)	Dalton Transactions	44	19	9103	9113	4.05	https://doi.org/10.1515/epoly-2014-0214
79	Dadhich P., Srivas P.K., Mohanty S., Dhara S.	Microfabrication of green ceramics: Contact vs. non-contact machining	Journal of the European Ceramic Society	35	14	3909	3916	4.03	https://doi.org/10.1186/s13638-014-0234-9
80	Buvaneswari G., Aswathy V., Rajakumari R.	Comparison of color and optical absorbance properties of divalent ion substituted Cu and Zn aluminate spinel oxides synthesized by combustion method towards pigment application	Dyes and Pigments	123	-	413	419	4.02	https://doi.org/10.1186/s13638-015-0370-x
81	Balijapalli U., Iyer S.K.	CuO-CuAl<inf>2</inf>O<inf>4</inf> and d-glucose catalyzed synthesis of a family of excited state intramolecular proton transfer imidazo[1,2-a]pyridine analogues and their optical properties	Dyes and Pigments	121	-	88	98	4.02	https://doi.org/10.1007/s00249-015-1023-z
82	Balaji A.P.B., Mishra P., Suresh Kumar R.S., Mukherjee A., Chandrasekaran N.	Nanoformulation of poly(ethylene glycol) polymerized organic insect repellent by PIT emulsification method and its application for Japanese encephalitis vector control	Colloids and Surfaces B: Biointerfaces	128	-	370	378	3.97	https://doi.org/10.1007/s00249-015-1009-x
83	Sekar G., Mukherjee A., Chandrasekaran N.	Comprehensive spectroscopic studies on the interaction of biomolecules with surfactant detached multi-walled carbon nanotubes	Colloids and Surfaces B: Biointerfaces	128	-	315	321	3.97	https://doi.org/10.1016/j.ejmech.2015.01.046
84	Murugesan N., Rajamohan V.	Investigation on interlaminar shear stresses in laminated composite beam under thermal and mechanical loading	Steel and Composite Structures	18	3	583	601	3.9	https://doi.org/10.1002/ejoc.201500461
85	Roopan S.M., Elango G.	Exploitation of Cocos nucifera a non-food toward the biological and nanobiotechnology field	Industrial Crops and Products	67	-	130	136	3.849	https://doi.org/10.1016/j.ejphar.2015.11.006
86	Napoleon A.A., Khan F.-R.N., Jeong E.D., Chung E.H.	Potential anti-tubercular agents: Hexahydro-3-phenyl indazol-2-yl(pyridin-4-yl)methanones from anti-tubercular drug isoniazid and bis(substituted-benzylidene)cycloalkanones	Chinese Chemical Letters	26	5	567	571	3.84	https://doi.org/10.1007/s12544-015-0170-8

87	Abigail M E.A., Samuel M.S., Chidambaram R.	Hexavalent chromium biosorption studies using Penicillium griseofulvum MSR1 a novel isolate from tannery effluent site: Box-Behnken optimization, equilibrium, kinetics and thermodynamic studies	Journal of the Taiwan Institute of Chemical Engineers	49	-	156	164	3.83	https://doi.org/10.1155/2015/417401
88	Rajaram R., Sathish Kumar K., Rajasekar N.	Power system reconfiguration in a radial distribution network for reducing losses and to improve voltage profile using modified plant growth simulation algorithm with Distributed Generation (DG)	Energy Reports	1	-	116	122	3.83	https://doi.org/10.1007/s12530-015-9135-3
89	Anjaneyulu, G. S. G. N.; Vijayabarathi, A.	Super edge-magic sequence of maximal outer planer graph and its characteristics	COGENT MATHEMATICS	2	-	-	-	3.82	https://doi.org/10.1016/j.exppara.2015.01.001
90	Iswarya V., Bhuvaneshwari M., Alex S.A., Iyer S., Chaudhuri G., Chandrasekaran P.T., Bhalerao G.M., Chakravarty S., Raichur A.M., Chandrasekaran N., Mukherjee A.	Combined toxicity of two crystalline phases (anatase and rutile) of Titania nanoparticles towards freshwater microalgae: Chlorella sp	Aquatic Toxicology	161	-	154	169	3.79	https://doi.org/10.1080/00150193.2015.1051962
91	Bhuvaneshwari M., Iswarya V., Archanaa S., Madhu G.M., Kumar G.K.S., Nagarajan R., Chandrasekaran N., Mukherjee A.	Cytotoxicity of ZnO NPs towards fresh water algae Scenedesmus obliquus at low exposure concentrations in UV-C, visible and dark conditions	Aquatic Toxicology	162	-	29	38	3.79	https://doi.org/10.1016/j.fct.2015.04.026
92	Raj S., Gothandam K.M.	Immunomodulatory activity of methanolic extract of Amorphophallus commutatus var. wayanadensis under normal and cyclophosphamide induced immunosuppressive conditions in mice models	Food and Chemical Toxicology	81	-	151	159	3.78	https://pdfs.semanticscholar.org/9fa7/fa6a0881150142ef4234959d1de3332707bd.pdf

93	Balaji R., Sasikumar M., Elayaperumal A.	Thermal, thermo oxidative and ablative behavior of cenosphere filled ceramic/phenolic composites	Polymer Degradation and Stability	114	-	125	132	3.78	https://doi.org/10.1007/s11708-014-0339-1
94	Simple M., Suresh A., Das D., Kuriakose M.A.	Cancer stem cells and field cancerization of Oral squamous cell carcinoma	Oral Oncology	51	7	643	651	3.73	https://doi.org/10.1007/s11708-015-0351-0
95	Mageswari A., Subramanian P., Srinivasan R., Karthikeyan S., Gothandam K.M.	Astaxanthin from psychrotrophic Sphingomonas faeni exhibits antagonism against food-spoilage bacteria at low temperatures	Microbiological Research	179	-	38	44	3.7	https://doi.org/10.1080/21553769.2015.1015057
96	Shihabudeen M.S., Roy D., James J., Thirumurugan K.	Chenodeoxycholic acid, an endogenous FXR ligand alters adipokines and reverses insulin resistance	Molecular and Cellular Endocrinology	414	-	19	28	3.69	https://doi.org/10.1080/21553769.2015.1005244
97	Lakshmi Prasanna V., Vijayaraghavan R.	Insight into the Mechanism of Antibacterial Activity of ZnO: Surface Defects Mediated Reactive Oxygen Species even in the Dark	Langmuir	31	33	9155	9162	3.68	https://doi.org/10.1016/j.gene.2015.02.031
98	Mayuri P., Senthil Kumar A.	In situ derivatization of an intrinsic iron impurity as a surface-confined iron(II)tris(2,2ââ€š¬²-bipyridine) complex on MWCNT and its application to selective electrochemical sensing of DNAs purine bases	Langmuir	31	21	5945	5951	3.68	https://doi.org/10.1016/j.gene.2015.04.030
99	Salam J.A., Das N.	Degradation of lindane by a novel embedded bio-nano hybrid system in aqueous environment	Applied Microbiology and Biotechnology	99	5	2351	2360	3.67	https://doi.org/10.1016/j.ygcen.2014.11.006
100	Subramanian P., Mageswari A., Kim K., Lee Y., Sa T.	Psychrotolerant endophytic pseudomonas sp. strains OB155 and OS261 induced chilling resistance in tomato plants (Solanum lycopersicum Mill.) by activation of their antioxidant capacity	Molecular Plant-Microbe Interactions	28	10	1073	1081	3.65	https://www.researchgate.net/publication/292629902_DNA_barcoding_of_dye-yielding_plants_from_South_India
101	Manoharan R., Vasudevan R., Jeevanantham A.K.	Optimal layout of a partially treated laminated composite magnetorheological fluid sandwich plate	Smart Structures and Systems	16	6	1023	1047	3.62	https://doi.org/10.1016/j.aeue.2015.12.020

102	Gowthami T., Tamilselvi G., Jacob G., Raina G.	The role of ambient ice-like water adlayers formed at the interfaces of graphene on hydrophobic and hydrophilic substrates probed using scanning probe microscopy	Physical Chemistry Chemical Physics	17	21	13964	13972	3.57	https://doi.org/10.1007/s10706-014-9833-9
103	Rajesh R., Sujanthi E., Senthil Kumar S., Venkatesan R.	Designing versatile heterogeneous catalysts based on Ag and Au nanoparticles decorated on chitosan functionalized graphene oxide	Physical Chemistry Chemical Physics	17	17	11329	11340	3.57	https://doi.org/10.1007/s10706-014-9823-y
104	Verma R., Ravichandran R., Jayaprakash N.S., Kumar A., Vijayalakshmi M.A., Venkataraman K.	Adjuvant poly(N-isopropylacrylamide) generates more efficient monoclonal antibodies against truncated recombinant histidine-rich protein2 of Plasmodium falciparum for malaria diagnosis	Biotechnology Journal	10	5	772	782	3.54	https://doi.org/10.1007/s13370-014-0263-x
105	Dasgupta N., Ranjan S., Mundekkad D., Ramalingam C., Shanker R., Kumar A.	Nanotechnology in agro-food: From field to plate	Food Research International	69	-	381	400	3.52	https://doi.org/10.1002/htj.21090
106	Sahoo G., Meher S.R., Jain M.K.	Room temperature growth of high crystalline quality Cu3N thin films by modified activated reactive evaporation	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	191	C	7	14	3.51	https://doi.org/10.1002/htj.21123
107	Devendranath Ramkumar K., Singh A., Raghuvanshi S., Bajpai A., Solanki T., Arivarasu M., Arivazhagan N., Narayanan S.	Metallurgical and mechanical characterization of dissimilar welds of austenitic stainless steel and super-duplex stainless steel - A comparative study	Journal of Manufacturing Processes	19	-	212	232	3.46	https://doi.org/10.1002/htj.21133
108	Ramkumar K.D., Mishra D., Vignesh M.K., Raj B.G., Arivazhagan N., Naren S.V., Kumar S.S.	Metallurgical and mechanical characterization of electron beam welded super-duplex stainless steel UNS 32750	Journal of Manufacturing Processes	16	4	527	534	3.46	https://doi.org/10.1002/htj.21101

109	Manikandan M., Arivazhagan N., Rao M.N., Reddy G.M.	Microstructure and mechanical properties of alloy C-276 weldments fabricated by continuous and pulsed current gas tungsten arc welding techniques	Journal of Manufacturing Processes	16	4	563	572	3.46	https://doi.org/10.1109/JPHOTOV.2014.2368711
110	Ramkumar K.D., Krishnan S.R., Ramanand R., Logesh S., Satyandas T., Ameer A., Arivazhagan N.	Structure-property relationships of PCGTA welds of Inconel X750 in as-welded and post-weld heat treated conditions - A comparative study	Journal of Manufacturing Processes	20	-	1	14	3.46	https://doi.org/10.1109/JPHOT.2015.2499543
111	Ramkumar K.D., Chandrasekhar A., Singh A.K., Ahuja S., Agarwal A., Arivazhagan N., Rabel A.M.	Comparative studies on the weldability, microstructure and tensile properties of autogeneous TIG welded AISI 430 ferritic stainless steel with and without flux	Journal of Manufacturing Processes	20	-	54	69	3.46	https://doi.org/10.1109/LPT.2015.2467189
112	Devendranath Ramkumar K., Jagat Sai R., Santhosh Reddy V., Gundla S., Harsha Mohan T., Saxena V., Arivazhagan N.	Effect of filler wires and direct ageing on the microstructure and mechanical properties in the multi-pass welding of Inconel 718	Journal of Manufacturing Processes	18	-	23	45	3.46	https://doi.org/10.1109/JSEN.2014.2357173
113	Rama Prabha D., Jayabarathi T., Umamageswari R., Saranya S.	Optimal location and sizing of distributed generation unit using intelligent water drop algorithm	Sustainable Energy Technologies and Assessments	11	-	106	113	3.46	https://doi.org/10.1109/JSYST.2013.2253421
114	Priya K., Sudhakar Babu T., Balasubramanian K., Sathish Kumar K., Rajasekar N.	A novel approach for fuel cell parameter estimation using simple Genetic Algorithm	Sustainable Energy Technologies and Assessments	12	-	46	52	3.46	http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=7104063
115	Pattath Gopi N., Devendran S.	Autonomy considerations for a standalone photovoltaic system	Sustainable Energy Technologies and Assessments	10	-	79	83	3.46	https://doi.org/10.1109/TPEL.2015.2440297
116	Verma K., Ramanathan K.	Investigation of paclitaxel resistant r306c mutation in Î²-Tubulin - A computational approach	Journal of Cellular Biochemistry	116	7	1318	1324	3.45	https://doi.org/10.1109/TPEL.2015.2429591

117	Nisha J., Shanthi V.	Computational simulation techniques to understand rifampicin resistance mutation (S425L) of rpoB in M. leprae	Journal of Cellular Biochemistry	116	7	1278	1285	3.45	https://doi.org/10.1109/TMECH.2014.2360119
118	Ragupathi C., Judith Vijaya J., Narayanan S., Jesudoss S.K., John Kennedy L.	Highly selective oxidation of benzyl alcohol to benzaldehyde with hydrogen peroxide by cobalt aluminate catalysis: A comparison of conventional and microwave methods	Ceramics International	41	2	2069	2080	3.45	https://doi.org/10.1007/s12038-015-9554-0
119	Kumar B.S., Muthukumar T., Deepachitra R., Charumathy R.K., Hemalatha T., Sastry T.P.	In-vitro evaluation of biphasic calcium phosphate/casein incorporated with Myristica fragrans for bone tissue engineering	Ceramics International	41	1	1725	1734	3.45	https://doi.org/10.1007/s12038-015-9569-6
120	Chang S.-K., Zainal Z., Tan K.-B., Yusof N.A., Yusoff W.M.D.W., Prabaharan S.R.S.	Recent development in spinel cobaltites for supercapacitor application	Ceramics International	41	1	1	14	3.45	https://doi.org/10.1016/j.jobe.2015.09.004
121	Anand G.T., Kennedy L.J., Vijaya J.J., Kaviyarasan K., Sukumar M.	Structural, optical and magnetic characterization of Zn1-xNixAl2O4 (0 âââ,¬°¤ x âââ,¬°¤ 5) spinel nanostructures synthesized by microwave combustion technique	Ceramics International	41	1	603	615	3.45	https://doi.org/10.1016/j.jobe.2015.06.001
122	Sumathi S., Gopal B.	A new insight into biomedical applications of an apatite like oxyphosphate - BiCa4(PO4)3O	Ceramics International	41	3	4852	4860	3.45	https://doi.org/10.1080/07328303.2015.1093135
123	Vindya N.G., Sharma N., Yadav M., Ethiraj K.R.	Tubulins - the target for anticancer therapy	Current Topics in Medicinal Chemistry	15	1	73	82	3.44	https://doi.org/10.1002/jcb.25087
124	Gopi K., Renu K., Sannanaik Vishwanath B., Jayaraman G.	Protective effect of Euphorbia hirta and its components against snake venom induced lethality	Journal of Ethnopharmacology	165	-	180	190	3.41	https://doi.org/10.1002/jcb.25083
125	Saranya M., Ramachandran R., Samuel E.J.J., Jeong S.K., Grace A.N.	Enhanced visible light photocatalytic reduction of organic pollutant and electrochemical properties of CuS catalyst	Powder Technology	279	-	209	220	3.41	https://doi.org/10.1007/s12039-015-0843-9
126	Behera N., Agarwal V.K., Jones M.G.	A model of solids friction factor for fluidized dense phase pneumatic conveying	Powder Technology	284	-	403	410	3.41	https://doi.org/10.1007/s12039-015-0802-5

127	Narayanan S., Vijaya J.J., Sivasanker S., Kennedy L.J., Jesudoss S.K.	Structural, morphological and catalytic investigations on hierarchical ZSM-5 zeolite hexagonal cubes by surfactant assisted hydrothermal method	Powder Technology	274	-	338	348	3.41	https://doi.org/10.1093/chromsci/bmu027
128	Fabbiyola S., Kennedy L.J., Aruldoss U., Bououdina M., Dakhel A.A., JudithVijaya J.	Synthesis of Co-doped ZnO nanoparticles via co-precipitation: Structural, optical and magnetic properties	Powder Technology	286	-	757	765	3.41	https://doi.org/10.1093/chromsci/bmu028
129	Sultana F., Rasool M.	A novel therapeutic approach targeting rheumatoid arthritis by combined administration of morin, a dietary flavanol and non-steroidal anti-inflammatory drug indomethacin with reference to pro-inflammatory cytokines, inflammatory enzymes, RANKL and transcr	Chemico-Biological Interactions	230	-	58	70	3.41	https://doi.org/10.1016/j.jchromb.2014.11.020
130	Varshini C J.S., Das D., Das N.	Optimization of parameters for praseodymium(III) biosorption onto biowaste materials using response surface methodology: Equilibrium, kinetic and regeneration studies	Ecological Engineering	81	-	321	327	3.41	https://doi.org/10.1142/S0218126615501170
131	Das D., Vimala R., Das N.	Removal of Ag(I) and Zn(II) ions from single and binary solution using sulfonated form of gum arabic-powdered mushroom composite hollow semispheres: Equilibrium, kinetic, thermodynamic and ex-situ studies	Ecological Engineering	75	-	116	122	3.41	https://doi.org/10.1016/j.jclepro.2014.12.019
132	Varghese L.R., Das N.	Removal of Hg (II) ions from aqueous environment using glutaraldehyde crosslinked nanobiocomposite hydrogel modified by TETA and Î²-cyclodextrin: Optimization, equilibrium, kinetic and ex situ studies	Ecological Engineering	85	-	201	211	3.41	https://doi.org/10.1136/jclinpath-2014-202791
133	Nikhil P.G., Subhakar D.	Approaches for developing a regression model for sizing a stand-alone photovoltaic system	IEEE Journal of Photovoltaics	5	1	250	257	3.4	https://doi.org/10.1134/S106422691511008X

134	Murugesan G., Nithya R., Kalainathan S., Ravindran T.R.	Optical and spectroscopic studies of Ca0.9Nd0.1Ti0.9Al0.1O3 single crystals grown by an optical floating zone technique	CrystEngComm	17	9	1982	1988	3.38	https://doi.org/10.1021/acssuschemeng.5b00080
135	Krishna N.S., Kaleemulla S., Amarendra G., Rao N.M., Krishnamoorthi C., Kuppan M., Begam M.R., Reddy D.S., Omkaram I.	Structural, optical, and magnetic properties of Fe doped In2O3 powders	Materials Research Bulletin	61	-	486	491	3.36	https://doi.org/10.1080/00958972.2015.1018197
136	Koppala S., Swamiappan S.	Glowing combustion synthesis, characterization, and toxicity studies of Na 2CaSiO 4 powders	Materials and Manufacturing Processes	30	12	1476	1481	3.35	https://doi.org/10.1080/00958972.2015.1042875
137	Deepachitra R., Nigam R., Purohit S.D., Kumar B.S., Hemalatha T., Sastry T.P.	In vitro study of hydroxyapatite coatings on fibrin functionalized/pristine graphene oxide for bone grafting	Materials and Manufacturing Processes	30	6	804	811	3.35	https://doi.org/10.1080/00958972.2015.1042875
138	Anjaneyulu U., Pattanayak D.K., Vijayalakshmi U.	Snail Shell Derived Natural Hydroxyapatite: Effects on NIH-3T3 Cells for Orthopedic Applications	Materials and Manufacturing Processes	31	2	206	216	3.35	https://doi.org/10.1016/j.jcrysgro.2015.05.025
139	Thangaraj M., Vinitha G., Sabari Girisun T.C., Anandan P., Ravi G.	Third order nonlinear optical properties and optical limiting behavior of alkali metal complexes of p-nitrophenol	Optics and Laser Technology	73	-	130	134	3.32	https://doi.org/10.1016/j.jcrysgro.2015.04.021
140	Arivazhagan A., Krishna S., Yadav S., Shah H.R., Kumar P., Ambasta R.K.	Synergy of bone marrow transplantation and curcumin ensue protective effects at early onset of diabetes in mice	Journal of Diabetes	7	4	473	484	3.3	https://doi.org/10.1016/j.jcrysgro.2015.04.022
141	Palakshi Reddy B., Rajesh K., Vijayakumar V.	Ionic liquid [tbmim]Cl2/AlCl3 under ultrasonic irradiation towards synthesis of 1,4-DHP's	Arabian Journal of Chemistry	8	1	138	141	3.3	https://doi.org/10.1016/j.jcrysgro.2014.12.033
142	Felix S., Kollu P., Raghupathy B.P.C., Jeong S.K., Grace A.N.	Electrocatalytic oxidation of carbohydrates and dopamine in alkaline and neutral medium using CuO nanoplatelets	Journal of Electroanalytical Chemistry	739	-	1	9	3.22	https://doi.org/10.1016/j.jcrysgro.2015.05.003
143	Sayiram G., Arivazhagan N.	Microstructural characterization of dissimilar welds between Incoloy 800H and 321 Austenitic Stainless Steel	Materials Characterization	102	-	180	188	3.22	https://doi.org/10.1111/1753-0407.12204

144	Priscilla D.H., Jayakumar M., Thirumurugan K.	Flavanone naringenin: An effective antihyperglycemic and antihyperlipidemic nutraceutical agent on high fat diet fed streptozotocin induced type 2 diabetic rats	Journal of Functional Foods	14	-	363	373	3.2	https://doi.org/10.1016/j.jdiacomp.2014.12.012
145	Karthik D., Kalainathan S., Swaroop S.	Surface modification of 17-4 PH stainless steel by laser peening without protective coating process	Surface and Coatings Technology	278	-	138	145	3.19	https://doi.org/10.5370/JEET.2015.10.3.944
146	Thiyagarajan, Rajesh; Nambiraj, N. Arunai; Vikraman, S.; Karrthick, K. P.; Sigamani, Ashokkumar; Subbarao, Bargavan; Ramu, M.; Sambasivaselli, R.; Senniandavar, V.; Kataria, Tejinder	Impact of Dose Calculation Algorithms On Biologically Optimized VMAT Plans for Esophageal Cancer	Medical Physics	42	6	3439	3439	3.18	https://doi.org/10.1016/j.jelechem.2014.12.006
147	Thiyagarajan, Rajesh; Nambiraj, N. Arunai; Sinha, Sujit Nath; Sigamani, Ashokkumar; Yadav, Girigesh; Raman, Kothanda; Vikraman, S.; Maragathaveni, S.; Dhivya, N.; Kataria, Tejinder	Quantification of Dosimetric Accuracy of Respiratory Gated Stereotactic Body Radiation Therapy	Medical Physics	42	6	3486	3486	3.18	https://doi.org/10.1080/09205071.2015.1073635
148	Sigamani, Ashokkumar; Nambiraji, Arunai; Sinha, S. N.; Yadav, Girigesh; Rajesh, T.; Raman, Kothanda; Kaviarasu, K.; Narayanan, S.; Meerza, Kazem	Scatter Factors Comparison of 6MV FFF and Energy Matched 6MV EqFFF	Medical Physics	42	6	3494	3495	3.18	https://doi.org/10.1016/j.jep.2015.02.044

149	Nambiraj, Arunai; Sigamani, Ashokkumar; Kaviarasu, K.; Rajesh, T.; Karthikeyan, S.; Subramanian, Narayanan; Meerza, Kazem	Surface Dose and Build-Up Dose Comparison of 6MV and 10MV Flattened with 6MV FFF and 10MV FFF Photon Beams with Different Detectors	Medical Physics	42	6	3502	3502	3.18	https://doi.org/10.1080/17458080.2013.796595
150	Sivakumar, R.; Janardhan, N.; Anuradha, C.; Bhavani, P.; Surendran, J.; Saranganathan, B.; Ibrahim, S.; Jhonson, B.; Madhuri, B.	Dosimetric Comparison of Simultaneous Integrated Boost Treatment Plan Between Intensity Modulated Radiotherapies (IMRTs), Dual Arc Volumetric Modulated Arc Therapy (DA-VMAT) and Single Arc Volumetric Modulated Arc Therapy (SA-VMAT) for Nasopharyngeal Carc	Medical Physics	42	6	3404	3404	3.18	https://doi.org/10.1007/s10895-015-1659-1
151	Mary J.A., Vijaya J.J., Bououdina M., Kennedy L.J., Dai J.H., Song Y.	Effect of Ce and Cu co-doping on the structural, morphological, and optical properties of ZnO nanocrystals and first principle investigation of their stability and magnetic properties	Physica E: Low-Dimensional Systems and Nanostructures	66	-	209	220	3.18	https://doi.org/10.1111/jfbc.12166
152	Thakkar C.S., Kate A.S., Desai D.C., Ghosh A.R., Kulkarni-Almeida A.A.	NFAT-133 increases glucose uptake in L6 myotubes by activating AMPK pathway	European Journal of Pharmacology	769	-	117	126	3.17	https://doi.org/10.1111/jfpp.12497
153	Sathish Kumar Y., Unnithan A.R., Sen D., Kim C.S., Lee Y.S.	Microgravity biosynthesized penicillin loaded electrospun polyurethane-dextran nanofibrous mats for biomedical applications	Colloids and Surfaces A: Physicochemical and Engineering Aspects	477	-	77	83	3.13	https://doi.org/10.1016/j.jff.2015.02.005
154	Kumar D.N., Alex S.A., Kumar R.S.S., Chandrasekaran N., Mukherjee A.	Acetylcholinesterase inhibition-based ultrasensitive fluorometric detection of malathion using unmodified silver nanoparticles	Colloids and Surfaces A: Physicochemical and Engineering Aspects	485	-	111	117	3.13	https://doi.org/10.2323/jgam.61.139
155	Karuppiah M., Saravanan R.	Cryptanalysis and an Improvement of New Remote Mutual Authentication Scheme using Smart Cards	Journal of Discrete Mathematical Sciences and Cryptography	18	5	623	649	3.12	https://doi.org/10.1115/1.4030908
156	Felix S., Chakkravarthy B.P., Jeong S.K., Grace A.N.	Synthesis of Pt decorated copper oxide nanoleaves and its electrochemical detection of glucose	Journal of The Electrochemical Society	162	6	H392	H396	3.12	https://doi.org/10.1002/jhet.2162

157	Venugopalarao, G.; Lakshmipathy, R.; Gadamsetty, Ganesh; Sarada, N. C.	Absorption and bioavailability of cefditoren pivoxil in hydrogels in vitro and in vivo	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	9	1	1	6	3.09	https://doi.org/10.1002/jhet.1764
158	Reuben J., Zackriya V. M., Kittur H.M., Shoaib M.	A buffer placement algorithm to overcome short-circuit power dissipation in mesh based clock distribution network	Engineering Science and Technology, an International Journal	18	2	135	140	3.09	https://doi.org/10.1002/jhet.2194
159	Chandramowliswaran N., Srinivasan S., Muralikrishna P.	Authenticated key distribution using given set of primes for secret sharing	Systems Science and Control Engineering	3	1	106	112	3.09	https://www.tandfonline.com/doi/abs/10.1080/14620316.2015.11758545
160	Choudhary R., Koppala S., Swamiappan S.	Bioactivity studies of calcium magnesium silicate prepared from eggshell waste by sol-gel combustion synthesis	Journal of Asian Ceramic Societies	3	2	173	177	3.09	https://doi.org/10.1007/s00726-014-1860-6
161	Rasool, Mahaboobkhan; Varalakshmi, Palaninathan	Biochemical Evaluation of Withania somnifera Root Powder on Adjuvant-Induced Arthritis in Rats	MAKARA JOURNAL OF HEALTH RESEARCH	19	1	27	33	3.09	https://doi.org/10.3233/IFS-151684
162	Revathy, T.; Jayasri, M. A.; Suthindhiran, K.	Biodegradation of PAHs by Burkholderia sp. VITRSB1 Isolated from Marine Sediments	Scientifica	-	-	-	-	3.09	https://doi.org/10.1016/j.jlumin.2014.12.058
163	Jegadeeshwaran R., Sugumaran V.	Brake fault diagnosis using Clonal Selection Classification Algorithm (CSCA) âââ€š¬ââ‚¬Å“ A statistical learning approach	Engineering Science and Technology, an International Journal	18	1	14	23	3.09	https://doi.org/10.1016/j.jlumin.2015.05.053
164	Karunanithi, Gopalakrishnan	CLASS CRYSTALLIZATION: WITHIN REACH OF INDUSTRIAL WORKERS IN INDIA?	CORVINUS JOURNAL OF SOCIOLOGY AND SOCIAL POLICY	6	2	21	37	3.09	https://doi.org/10.1016/j.jmmm.2015.01.045
165	Kumar V.N., Narayana K.V.L., Bhujangarao A., Sankar S.	Development of an ANN-based linearization technique for the VCO thermistor circuit	IEEE Sensors Journal	15	2	886	894	3.08	https://doi.org/10.1016/j.jmapro.2015.04.005
166	Reddy B.R.P., Reddy P.V.G., Reddy B.N.	Efficient solvent free synthesis of tertiary Î±-aminophosphonates using H2Ti3O7 nanotubes as a reusable solid-acid catalyst	New Journal of Chemistry	39	12	9605	9610	3.07	https://doi.org/10.1016/j.jmapro.2014.07.011

167	Nanda Kumar D., Rajeshwari A., Alex S.A., Chandrasekaran N., Mukherjee A.	Acetylcholinesterase inhibition-based colorimetric determination of Hg2+ using unmodified silver nanoparticles	New Journal of Chemistry	39	2	1172	1178	3.07	https://doi.org/10.1016/j.jmapro.2014.08.002
168	Reddy B.P., Vijayakumar V., Arasu M.V., Al-Dhabi N.A.	Î³-Alumina nanoparticle catalyzed efficient synthesis of highly substituted imidazoles	Molecules	20	10	19221	19235	3.06	https://doi.org/10.1016/j.jmapro.2015.10.003
169	Murugusundaramoorthy G., Janani T.	Bi-starlike function of complex order associated with double Zeta functions	Afrika Matematika	26	42891	1025	1036	3.05	https://doi.org/10.1016/j.jmapro.2015.09.008
170	Charan K.T.P., Ranjan P., Manojkumar K., Pothanagandhi N., Jha P.C., Khedkar V.M., Sivaramakrishna A., Vijayakrishna K.	Evaluation of imidazolium-based ionic liquids towards vermicidal activity: In vitro & in silico studies	RSC Advances	5	92	75415	75424	3.05	https://doi.org/10.1016/j.jmapro.2015.01.001
171	Das D., Goud E.V., Annam S., Jayalakshmi S., Gopakumar G., Rao C.V.S.B., Sivaraman N., Sivaramakrishna A., Vijayakrishna K.	Experimental and theoretical studies on extraction behavior of di-n-alkyl phosphine oxides towards actinides	RSC Advances	5	130	107421	107429	3.05	https://doi.org/10.1007/s10163-014-0302-6
172	Satija J., Tharion J., Mukherji S.	Facile synthesis of size and wavelength tunable hollow gold nanostructures for the development of a LSPR based label-free fiber-optic biosensor	RSC Advances	5	86	69970	69979	3.05	https://doi.org/10.1039/c5ta02630j
173	Pavankumar B.B., Goud E.V., Selvakumar R., Kumar S.K.A., Sivaramakrishna A., Vijayakrishna K., Rao C.V.S.B., Sabharwal K.N., Jha P.C.	Function of substituents in coordination behaviour, thermolysis and ligand crossover reactions of phosphine oxides	RSC Advances	5	7	4727	4736	3.05	https://doi.org/10.1039/c4tb02124j
174	Kollu P., Kumar P.R., Santosh C., Kim D.K., Grace A.N.	A high capacity MnFe<inf>2</inf>O<inf>4</inf>/rGO nanocomposite for Li and Na-ion battery applications	RSC Advances	5	78	63304	63310	3.05	https://doi.org/10.1007/s11665-015-1418-0

175	Deshmukh K., Ahamed M.B., Pasha S.K.K., Deshmukh R.R., Bhagat P.R.	Highly dispersible graphene oxide reinforced polypyrrole/polyvinyl alcohol blend nanocomposites with high dielectric constant and low dielectric loss	RSC Advances	5	76	61933	61945	3.05	https://doi.org/10.1557/jmr.2015.276
176	Prashantha Kumar T.K.M., Mandlimath T.R., Sangeetha P., Sakthivel P., Revathi S.K., Ashok Kumar S.K., Sahoo S.K.	Highly efficient performance of activated carbon impregnated with Ag, ZnO and Ag/ZnO nanoparticles as antimicrobial materials	RSC Advances	5	130	108034	108043	3.05	https://doi.org/10.1557/jmr.2015.209
177	Murugesan G., Nithya R., Kalainathan S., Hussain S.	High temperature dielectric relaxation anomalies in Ca<inf>0.9</inf>Nd<inf>0.1</inf>Ti<inf>0.9</inf>Al<inf>0.1</inf>O<inf>3-Î´</inf> single crystals	RSC Advances	5	96	78414	78421	3.05	https://doi.org/10.1557/jmr.2015.111
178	Poonguzhali R., Shanmugam N., Gobi R., Senthilkumar A., Shanmugam R., Sathishkumar K.	Influence of Zn doping on the electrochemical capacitor behavior of MnO2 nanocrystals	RSC Advances	5	56	45407	45415	3.05	https://doi.org/10.1007/s10854-015-3159-0
179	Palaniraja J., Roopan S.M.	Iodine-mediated synthesis of indazolo-quinazolinones via a multi-component reaction	RSC Advances	5	12	8640	8646	3.05	https://doi.org/10.1007/s10854-015-3538-6
180	Venkatesan A., Krishna Chandar N.R., Kandasamy A., Karl Chinnu M., Marimuthu K.N., Mohan Kumar R., Jayavel R.	Luminescence and electrochemical properties of rare earth (Gd, Nd) doped V2O5 nanostructures synthesized by a non-aqueous sol-gel route	RSC Advances	5	28	21778	21785	3.05	https://doi.org/10.1007/s10854-015-3104-2
181	Angajala G., Subashini R.	Nickel nanoparticles: A highly efficient and retrievable catalyst for the solventless Friedlander annulation of quinolines and their in silico molecular docking studies as histone deacetylase inhibitors	RSC Advances	5	57	45599	45610	3.05	https://doi.org/10.1007/s10910-014-0422-1

182	Ponnusamy R., Sivasubramanian D., Sreekanth P., Gandhiraj V., Philip R., Bhalerao G.M.	Nonlinear optical interactions of Co: ZnO nanoparticles in continuous and pulsed mode of operations	RSC Advances	5	98	80756	80765	3.05	https://doi.org/10.1007/s12206-014-1112-4
183	Manivel P., Prabakaran K., Banerjee U., Nawaz Khan F.-R., Jeong E.D., Chung E.H.	Organoiodine(iii) mediated intramolecular oxidative cyclization of 1-(3-arylisoquinolin-1-yl)-2-(arylmethylene)hydrazines to 5-aryl-3-(aryl)-[1,2,4]triazolo[3,4-a] isoquinolines	RSC Advances	5	5	3781	3785	3.05	https://doi.org/10.1007/s40846-015-0084-x
184	Sharma D., Moirangthem A., Kumar R., Ashok Kumar S.K., Kuwar A., Callan J.F., Basu A., Sahoo S.K.	Pyridoxal-thiosemicarbazide: Its anion sensing ability and application in living cells imaging	RSC Advances	5	63	50741	50746	3.05	https://doi.org/10.1115/1.4030151
185	Theerthagiri J., Senthil R.A., Malathi A., Selvi A., Madhavan J., Ashokkumar M.	Synthesis and characterization of a CuS-WO<inf>3</inf> composite photocatalyst for enhanced visible light photocatalytic activity	RSC Advances	5	65	52718	52725	3.05	https://doi.org/10.1021/jm501942m
186	Kanagaraj J., Panda R.C., Sumathi V.	Synthesis of a graft-copolymer adsorbent through a green route and studies on its interactions with chromium(iii) through active functional groups: Kinetics and improved adsorption supported by SEM-EDX and AFM	RSC Advances	5	56	45300	45319	3.05	https://doi.org/10.1016/j.molliq.2015.07.027
187	Chinnapattu M., Sathiyanarayanan K.I., Iyer P.S.	Synthesis of benzofused 1,4-azaborinols via [4 + 2] annulation strategy and its application in indole synthesis	RSC Advances	5	47	37716	37720	3.05	https://doi.org/10.1016/j.molliq.2015.09.022
188	Murugan K., Chinnapattu M., Nawaz Khan F.-R., Iyer P.S.	Synthesis of novel benzoxaborinin-4-ones and its application in indolin-2-ones synthesis using a Suzuki-Miyaura reaction protocol	RSC Advances	5	46	36902	36905	3.05	https://doi.org/10.1016/j.molliq.2015.10.010
189	Meghana S., Kabra P., Chakraborty S., Padmavathy N.	Understanding the pathway of antibacterial activity of copper oxide nanoparticles	RSC Advances	5	16	12293	12299	3.05	https://doi.org/10.1016/j.molliq.2015.08.013

190	Roopan S.M., Bharathi A., Palaniraja J., Anand K., Gengan R.M.	Unexpected regiospecific Michael addition product: Synthesis of 5,6-dihydrobenzo[1,7]phenanthrolines	RSC Advances	5	48	38640	38645	3.05	https://doi.org/10.1007/s00894-015-2785-z
191	Palaniraja J., Roopan S.M.	UV-light induced domino type reactions: Synthesis and photophysical properties of unreported nitrogen ring junction quinazolines	RSC Advances	5	47	37415	37423	3.05	https://doi.org/10.1002/jmr.2468
192	Mandal A., Sekar S., Chandrasekaran N., Mukherjee A., Sastry T.P.	Vibrational spectroscopic investigation on interaction of sago starch capped silver nanoparticles with collagen: A comparative physicochemical study using FT-IR and FT-Raman techniques	RSC Advances	5	21	15763	15771	3.05	https://onlinelibrary.wiley.com/doi/abs/10.1002/jmr.2372
193	Pugazhenthi I., Ghouse S.M., Nawaz Khan F.-R., Jeong E.D., Bae J.S., Kim J.-P., Chung E.H., Kumar Y.S., Dasaradhan C.	Water mediated reactions: TiO2 and ZnO nanoparticle catalyzed multi component domino reaction in the synthesis of tetrahydroacridinediones, acridindiones, xanthenones and xanthenes	RSC Advances	5	22	17257	17268	3.05	https://doi.org/10.1016/j.molstruc.2014.10.026
194	Umamahesh B., Mandlimath T.R., Sathiyanarayanan K.I.	A novel, facile, rapid, solvent free protocol for the one pot green synthesis of chromeno[2,3-d]pyrimidines using reusable nano ZnAl2O4 - A NOSE approach and photophysical studies	RSC Advances	5	67	54124	54124	3.05	https://doi.org/10.1016/j.molstruc.2014.12.029
195	Saranya M., Ramachandran R., Kollu P., Jeong S.K., Grace A.N.	A template-free facile approach for the synthesis of CuS-rGO nanocomposites towards enhanced photocatalytic reduction of organic contaminants and textile effluents	RSC Advances	5	21	15831	15840	3.05	https://doi.org/10.1016/j.molstruc.2014.09.045
196	Srivastava S., Mondal A., Sahu N.K., Behera S.K., Nayak B.B.	Borohydride synthesis strategy to fabricate YBO3:Eu3+ nanophosphor with improved photoluminescence characteristics	RSC Advances	5	15	11009	11012	3.05	https://doi.org/10.1016/j.molstruc.2014.12.054
197	Senthil K., Kalainathan S., Hamada F., Kondo Y.	Bulk crystal growth and nonlinear optical characterization of a stilbazolium derivative crystal: 4-[2-(3,4-dimethoxyphenyl)ethenyl]-l methylpyridinium tetraphenylborate (DSTPB) for NLO device fabrication	RSC Advances	5	97	79298	79308	3.05	https://doi.org/10.1016/j.molstruc.2015.07.011

198	Santhosh C., Kollu P., Felix S., Velmurugan V., Jeong S.K., Grace A.N.	CoFe2O4 and NiFe2O4@graphene adsorbents for heavy metal ions-kinetic and thermodynamic analysis	RSC Advances	5	37	28965	28972	3.05	https://doi.org/10.1016/j.molstruc.2015.06.079
199	Nanda Kumar D., Rajeshwari A., Alex S.A., Sahu M., Raichur A.M., Chandrasekaran N., Mukherjee A.	Developing acetylcholinesterase-based inhibition assay by modulated synthesis of silver nanoparticles: Applications for sensing of organophosphorus pesticides	RSC Advances	5	76	61998	62006	3.05	https://doi.org/10.1016/j.molstruc.2015.05.057
200	Rajesh R., Ravichandran Y.D.	Development of new graphene oxide incorporated tricomponent scaffolds with polysaccharides and hydroxyapatite and study of their osteoconductivity on MG-63 cell line for bone tissue engineering	RSC Advances	5	51	41135	41143	3.05	https://doi.org/10.4028/www.scientific.net/JNanoR.30.96
201	Maddinedi S.B., Mandal B.K., Ranjan S., Dasgupta N.	Diastase assisted green synthesis of size-controllable gold nanoparticles	RSC Advances	5	34	26727	26733	3.05	https://doi.org/10.1186/s12951-015-0136-y
202	Lavanya M., Thirumalai D., Asharani I.V., Aravindan P.G.	Domino synthesis of functionalized 1,6-naphthyridines and their in vitro anti-inflammatory and anti-oxidant efficacies	RSC Advances	5	105	86330	86336	3.05	https://doi.org/10.1166/jno.2015.1826
203	Padmavathy N., Vijayaraghavan R., Kulkarni G.U.	Erratum: Solution based rapid synthesis of AgCuO<inf>2</inf> at room temperature (RSC Advances (2015) 4 (62746-62750)DOI: 10.1039/c5ra90078f)	RSC Advances	5	88	72069	-	3.05	https://doi.org/10.1155/2015/707683
204	Padmavathy, Nagarajan; Vijayaraghavan, Rajagopalan; Kulkarni, Giridhar U.	Solution based rapid synthesis of AgCuO2 at room temperature (vol 4, pg 62746, 2014)	RSC ADVANCES	5	88	72069	72069	3.05	https://doi.org/10.1166/jnn.2015.10273
205	Balijapalli U., Iyer S.K.	Synthesis and Optical Properties of a Series of Green-Light-Emitting 2-(4-Phenylquinolin-2-yl)phenol-BF<inf>2</inf> Complexes (Boroquinols)	European Journal of Organic Chemistry	2015	23	5089	5098	3.03	https://doi.org/10.1166/jnn.2015.11636

206	Poonguzhali R., Gobi R., Shanmugam N., Senthil Kumar A., Viruthagiri G., Kannadasan N.	Enhancement in electrochemical behavior of copper doped MnO<inf>2</inf> electrode	Materials Letters	157	-	116	122	3.02	https://doi.org/10.1166/jnn.2015.10347
207	Kumar D.A., Palanichamy V., Roopan S.M.	One step production of AgCl nanoparticles and its antioxidant and photo catalytic activity	Materials Letters	144	-	62	64	3.02	https://doi.org/10.1166/jnn.2015.9614
208	Chintaparty R., Palagiri B., Nagireddy R.R., Immareddy V.S.R., W M.	Effect of pH on structural, optical and dielectric properties of nano-zirconium oxide prepared by hydrothermal method	Materials Letters	161	-	770	773	3.02	https://doi.org/10.1166/jnn.2015.10043
209	Sekar G., Sugumar S., Mukherjee A., Chandrasekaran N.	Multiple spectroscopic studies of the structural conformational changes of human serum albumin - Essential oil based nanoemulsions conjugates	Journal of Luminescence	161	-	187	197	2.96	https://doi.org/10.1166/jnn.2015.9614
210	Chaluvadi S.K., Aswin V., Kumar P., Singh P., Haranath D., Rout P.K., Dogra A.	Pulsed laser deposited LaInO<inf>3</inf> thin films and their photoluminescence characteristics	Journal of Luminescence	166	-	244	247	2.96	https://doi.org/10.1016/j.jnca.2014.03.001
211	Lakshmipathy, R.; Reddy, B. Palakshi; Sarada, N. C.; Chidambaram, K.; Pasha, Sk Khadeer	Watermelon rind-mediated green synthesis of noble palladium nanoparticles: catalytic application	APPLIED NANOSCIENCE	5	2	223	228	2.951	https://doi.org/10.1016/j.jnucmat.2014.12.081
212	Chauhan, Ritika; Reddy, Arpita; Abraham, Jayanthi	Biosynthesis of silver and zinc oxide nanoparticles using Pichia fermentans JA2 and their antimicrobial property	APPLIED NANOSCIENCE	5	1	63	71	2.951	https://doi.org/10.1016/j.jnucmat.2015.07.031
213	Venkateswarlu, B.; Narayana, P. V. Satya	Chemical reaction and radiation absorption effects on the flow and heat transfer of a nanofluid in a rotating system	APPLIED NANOSCIENCE	5	3	351	360	2.951	https://www.researchgate.net/publication/277137347_Studies_on_synthesis_bulk_growth_optical_and_mechanical_properties_of_an_organic_single_crystal_L-histidinium_maleate_for_optoelectronic_applications

214	Babu V., Subathra Devi C.	In vitro thrombolytic activity of purified streptokinase extracted from Streptococcus equinus VIT_VB2 isolated from bovine milk	Journal of Thrombosis and Thrombolysis	39	1	71	78	2.94	https://doi.org/10.1021/acs.joc.5b00411
215	Yadav J., Rani A., Singh V., Murari B.M.	Prospects and limitations of non-invasive blood glucose monitoring using near-infrared spectroscopy	Biomedical Signal Processing and Control	18	-	214	227	2.94	https://doi.org/10.1021/acs.joc.5b02226
216	Tharion J., Satija J., Mukherji S.	Facile Synthesis of Size-Tunable Silver Nanoparticles by Heteroepitaxial Growth Method for Efficient NIR SERS	Plasmonics	10	4	753	763	2.93	https://doi.org/10.1016/j.jphotobiol.2014.12.028
217	Naraginti S., Thejaswini T.V.L., Prabhakaran D., Sivakumar A., Satyanarayana V.S.V., Arun Prasad A.S.	Enhanced photo-catalytic activity of Sr and Ag co-doped TiO<inf>2</inf> nanoparticles for the degradation of Direct Green-6 and Reactive Blue-160 under UV & visible light	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	149	-	571	579	2.93	https://doi.org/10.1016/j.jphotobiol.2015.09.023
218	Thangaraj M., Ravi G., Sabari Girisun T.C., Vinitha G., Loganathan A.	Ethylenediaminium di(4-nitrophenolate): A third order NLO material for optical limiting applications	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	138	-	158	163	2.93	https://doi.org/10.1016/j.jphotobiol.2015.03.021
219	Baker S., Mohan Kumar K., Santosh P., Rakshith D., Satish S.	Extracellular synthesis of silver nanoparticles by novel Pseudomonas veronii AS41G inhabiting Annona squamosa L. and their bactericidal activity	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	136	PC	1434	1440	2.93	http://dx.doi.org/10.2494/photopolymer.28.755
220	Vaibhav V., Vijayalakshmi U., Roopan S.M.	Agricultural waste as a source for the production of silica nanoparticles	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	139	-	515	520	2.93	https://doi.org/10.1021/acs.jpcc.5b00612
221	Elango G., Kumaran S.M., Kumar S.S., Muthuraja S., Roopan S.M.	Green synthesis of SnO2 nanoparticles and its photocatalytic activity of phenolsulfonphthalein dye	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	145	-	176	180	2.93	https://doi.org/10.1016/j.jpcs.2015.01.002
222	Elango G., Roopan S.M.	Green synthesis, spectroscopic investigation and photocatalytic activity of lead nanoparticles	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	139	-	367	373	2.93	https://doi.org/10.1088/0022-3727/48/6/065102

223	Nirosha M., Kalainathan S., Aravindan P.G.	Growth and characterization of a new organic single crystal: 1-(4-Nitrophenyl) pyrrolidine (4NPY)	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	138	-	370	374	2.93	https://doi.org/10.1088/0022-3727/48/20/205402
224	Jebin R.P., Suthan T., Rajesh N.P., Vinitha G., Madhusoodhanan U.	Growth and characterization of organic material 4-dimethylaminobenzaldehyde single crystal	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	135	-	959	964	2.93	https://doi.org/10.1039/c5ay00935a
225	Nirosha M., Kalainathan S., Sarveswari S., Vijayakumar V., Srikanth A.	Growth, spectral, optical, thermal, surface analysis and third order nonlinear optical properties of an organic single crystal: 1-(2-Methyl-6-nitro- 4-phenyl-3-quinolyl) ethanone	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	137	-	23	28	2.93	https://doi.org/10.1039/c5ay00816f
226	Dhanuskodi S., Mohandoss R., Vinitha G., Pathinettam Padiyan D.	Low power optical limiting studies of copper doped lithium tetraborate nanoparticles	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	140	-	288	293	2.93	https://doi.org/10.1039/c5ay00212e
227	Sundararajan M., Kennedy L.J., Vijaya J.J., Aruldoss U.	Microwave combustion synthesis of Co1-xZnxFe2O4 (0 âââ,¬°¤ x âââ,¬°¤ 0.5): Structural, magnetic, optical and vibrational spectroscopic studies	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	140	-	421	430	2.93	https://doi.org/10.1039/c4ay02802c
228	Senthilkumar K., Gopalakrishnan M., Palanisami N.	Monomeric mixed cadmium-2,2âââ€š¬²-dipyridylamine complex derived from ferrocenecarboxylic acid: Structural, electrochemical and biological studies	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	148	-	156	162	2.93	https://doi.org/10.1039/c4ay02798a
229	Matharu K., Mittal S.K., Ashok Kumar S.K., Sahoo S.K.	Selectivity enhancement of Arsenazo(III) reagent towards heavier lanthanides using polyaminocarboxylic acids: A spectrophotometric study	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	145	-	165	175	2.93	https://doi.org/10.1039/c5ay02278a
230	Anantharaman A., Priya R.R., Hemachandran H., Sivaramakrishna A., Babu S., Siva R.	Studies on interaction of norbixin with DNA: Multispectroscopic and in silico analysis	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	144	-	163	169	2.93	https://doi.org/10.1039/c4ay02622e
231	Kalaiselvi A., Roopan S.M., Madhumitha G., Ramalingam C., Elango G.	Synthesis and characterization of palladium nanoparticles using Catharanthus roseus leaf extract and its application in the photo-catalytic degradation	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	135	-	116	119	2.93	https://doi.org/10.1007/s10934-015-0027-5

232	Ayaz Ahmed K.B., Ahalya P., Sengan M., Kamlekar R., Veerappan A.	Synthesis and characterization of zinc sulfide quantum dots and their interaction with snake gourd (Trichosanthes anguina) seed lectin	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	151	-	739	745	2.93	https://doi.org/10.1007/s10934-015-9964-2
233	Shakila K., Kalainathan S.	Synthesis aspects, structural, spectroscopic, antimicrobial and room temperature ferromagnetism of zinc iodide complex with Schiff based ligand	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	135	-	1059	1065	2.93	https://doi.org/10.1016/j.jpowsour.2015.06.021
234	Sarveswari S., Srikanth A., Arul Murugan N., Vijayakumar V., Jasinski J.P., Beauchesne H.C., Jarvis E.E.	Synthesis, characterization of (3E)-1-(6-chloro-2-methyl-4-phenyl quinolin-3-Yl)-3-aryl prop-2-en-1-ones through IR, NMR, single crystal X-ray diffraction and insights into their electronic structure using DFT calculations	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	136	PB	1010	1017	2.93	https://doi.org/10.1016/S1002-0721(14)60567-6
235	Naraginti S., Stephen F.B., Radhakrishnan A., Sivakumar A.	Zirconium and silver co-doped TiO2 nanoparticles as visible light catalyst for reduction of 4-nitrophenol, degradation of methyl orange and methylene blue	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	135	-	814	819	2.93	https://doi.org/10.1016/j.jscs.2012.02.001
236	Maddinedi S.B., Mandal B.K., Vankayala R., Kalluru P., Pamanji S.R.	Bioinspired reduced graphene oxide nanosheets using Terminalia chebula seeds extract	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	145	-	117	124	2.93	https://doi.org/10.1016/j.jscs.2012.04.007
237	Badari Nath A.R.S., Sivaramakrishna A., Marimuthu K.M., Saraswathy R.	A comparative study of phytohaemagglutinin and extract of Phaseolus vulgaris seeds by characterization and cytogenetics	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	134	-	143	147	2.93	https://doi.org/10.1007/s10971-015-3642-3
238	Hoskote Anand K.K., Mandal B.K.	Activity study of biogenic spherical silver nanoparticles towards microbes and oxidants	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	135	-	639	645	2.93	https://doi.org/10.1007/s10971-015-3766-5
239	Rajan R., Raj N.A.N., Madeswaran S., Babu D.R.	Dielectric studies on struvite urinary crystals, a gateway to the new treatment modality for urolithiasis	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	148	-	266	270	2.93	https://doi.org/10.1007/s10971-014-3591-2
240	Mohandoss R., Dhanuskodi S., Vinitha G.	Ïâå,¬¡(3) measurement and optical power limiting behavior of manganese doped lithium tetraborate nanoparticles	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	136	PB	931	936	2.93	https://doi.org/10.1007/s10948-015-2988-7

241	Mohandoss, R.; Dhanuskodi, S.; Vinitha, G.	chi((3))) measurement and optical power limiting behavior of manganese doped lithium tetraborate nanoparticles	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	136	-	931	936	2.93	https://doi.org/10.1149/2.0881506jes
242	Mageswari A., Subramanian P., Ravindran V., Yesodharan S., Bagavan A., Rahuman A.A., Karthikeyan S., Gothandam K.M.	Synthesis and larvicidal activity of low-temperature stable silver nanoparticles from psychrotolerant Pseudomonas mandelii	Environmental Science and Pollution Research	22	7	5383	5394	2.91	https://doi.org/10.1016/j.jeurceramsoc.2015.06.025
243	Rajeshwari A., Kavitha S., Alex S.A., Kumar D., Mukherjee A., Chandrasekaran N., Mukherjee A.	Cytotoxicity of aluminum oxide nanoparticles on Allium cepa root tipâââ€š¬ää,¬Âeffects of oxidative stress generation and biouptake	Environmental Science and Pollution Research	22	14	11057	11066	2.91	https://www.researchgate.net/publication/286778564_Efficient_degradation_of_Bismarck_brown_by_the_halotolerant_Virgibacillus_dokdonensis_VITP14
244	Chakraborti D., Rahman M.M., Mukherjee A., Alauddin M., Hassan M., Dutta R.N., Pati S., Mukherjee S.C., Roy S., Quamruzzman Q., Rahman M., Morshed S., Islam T., Sorif S., Selim M., Islam M.R., Hossain M.M.	Groundwater arsenic contamination in Bangladesh-21 Years of research	Journal of Trace Elements in Medicine and Biology	31	-	237	248	2.9	https://www.researchgate.net/publication/291608279_Electrical_mechanical_and_magnetic_properties_of_organic-inorganic_hybrid_single_crystal_ethylene_diammoniumtetracholrocobaltateII_chloride
245	Gopalakrishnan C., Kalsi N., Jethi S., Purohit R.	Computational investigation of molecular mechanism and neuropathological implications in Huntington disease	Molecular and Cellular Biochemistry	409	42767	-	-	2.88	https://www.researchgate.net/publication/292526167_Electrochemical_detection_of_glucose_on_NiO_nanosheets_modified_GCE

246	Sharma R., Rawat R., Bhogal R.S., Oberoi H.S.	Multi-component thermostable cellulolytic enzyme production by Aspergillus niger HN-1 using pea pod waste: Appraisal of hydrolytic potential with lignocellulosic biomass	Process Biochemistry	50	5	696	704	2.88	https://www.researchgate.net/publication/295582838_Estimation_of_hydrogen_peroxide_content_in_Ophthalmic_formulation_using_ultraviolet-visible_spectrophotometry
247	Suryanarayana G., Dhuli R.	Simultaneous edge preserving and noise mitigating image super-resolution algorithm	AEU - International Journal of Electronics and Communications	70	4	409	415	2.85	https://www.researchgate.net/publication/288181588_Extraction_and_in_vitro_biological_screening_of_bioactive_compounds_from_leaves_of_Lagerstroemia_speciosa_and_detection_of_metals_from_whole_plant
248	Agilandeswari K., Kumar A.R.	Investigation of magnetic, optical and electrical properties of La3Ba3Cu6O14 synthesized by molten flux method	Journal of Rare Earths	33	12	1341	1347	2.85	https://www.researchgate.net/publication/295582418_Fabrication_and_characterizations_of_PCDTBT_PC71BM_bulk_heterojunction_solar_cells_using_air_brush_coating_method
249	Babeela C., Sabari Girisun T.C., Vinitha G.	Optical limiting behavior of Î²-BaB2O4 nanoparticles in pulsed and continuous wave regime	Journal of Physics D: Applied Physics	48	6	-	-	2.83	https://www.researchgate.net/publication/295582415_Flammability_studies_of_multicomponent_coir_pithnylon_fabricepoxy_hybrid_composites
250	Mathew R., Ravi Sankar A.	Design of a triangular platform piezoresistive affinity microcantilever sensor for biochemical sensing applications	Journal of Physics D: Applied Physics	48	20	-	-	2.83	https://www.researchgate.net/publication/287154241_Formulation_and_in_vitro_evaluation_of_Donepezil_hydrochloride_rapid_dissolving_oral_thin_fihn

251	Pezzini J., Cabanne C., Gantier R., Janakiraman V.N., Santarelli X.	A comprehensive evaluation of mixed mode interactions of HEA and PPA HyperCelâââ,¬Å¾¢ chromatographic media	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	976-977	-	68	77	2.81	https://www.researchgate.net/publication/280384186_Functionalized_Fe3O4_nanoparticles_for_the_removal_and_remediation_of_CrVI_metal_ions_from_synthetic_solutions
252	John Kennedy L., Umapathy M.J., Aruldoss U.	Synthesis of simple and novel biocomposite doped nanocrystalline tin oxide and its humidity sensing properties	Measurement: Journal of the International Measurement Confederation	67	-	1	9	2.79	https://www.researchgate.net/profile/Moonjit_Das2/publication/278248941_GC-MS_analysis_antimicrobial_and_insecticidal_activity_of_the_leaves_of_Ipomoea_eriocarpa/links/565eb65d08aefe619b272ec0/GC-MS-analysis-antimicrobial-and-insecticidal-activity-of-the-leaves-of-Ipomoea-eriocarpa.pdf
253	Lian F., Liu J., Mallick M., Han C.	Joint detection and estimation error bounds for an unresolved target-group using single or multiple sensors	Digital Signal Processing: A Review Journal	36	C	26	38	2.79	https://www.researchgate.net/publication/278763066_Graphite_nanopowder_chemically_modified_electrode_for_hydrogen_peroxide_sensing
254	Sivasubramanian D., Ponnusamy R., Gandhiraj V.	Low power optical limiting and thermal lensing in Mn doped ZnO nanoparticles	Materials Chemistry and Physics	159	-	93	100	2.78	https://www.researchgate.net/profile/Dr_Vijayalakshmi2/publication/295582414_Green_synthesis_of_silica_nanoparticles_and_its_corrosion_resistance_behavior_on_mild_steel/links/591a91cdaca2722d7cfe9399/Green-synthesis-of-silica-nanoparticles-and-its-corrosion-resistance-behavior-on-mild-steel.pdf

255	Pugazhvadivu K.S., Balakrishnan L., Tamilarasan K.	Structural, magnetic and electrical properties of calcium modified bismuth manganite thin films	Materials Chemistry and Physics	155	-	147	154	2.78	https://www.researchgate.net/publication/295582416_Green_synthesis_of_silver_nanoparticles_for_catalytic_reduction_of_4-nitrophenol_to_4-aminophenol
256	Sivanandan T., Kalainathan S.	Study of growth condition and characterization of Monothiourea-Cadmium Sulphate Dihydrate single crystals in silica gel	Materials Chemistry and Physics	168	-	66	73	2.78	https://www.researchgate.net/profile/K_M_Gothandam/publication/278426085_Antioxidant_and_hepatoprotective_activity_of_aqueous_extract_of_Amorphopallus_commutatus_var_wynadensis/links/55b8705c08ae092e96588c5f.pdf
257	Veeramanikandasamy T., Rajendran K., Sambath K., Rameshbabu P.	Effect of Cu-doping on optical, electrical and magnetic properties of chemically synthesized MnS nanocrystals	Materials Chemistry and Physics	171	-	328	335	2.78	https://www.researchgate.net/publication/288894370_A_kinetic_and_mechanistic_study_on_the_oxidation_of_indole-3-propionic-_acid_by_peroxomonosulphate_in_acetonitrile_medium_and_biological_activity_Of_the_product_formed
258	Roy D., Kumar V., James J., Shihabudeen M.S., Kulshrestha S., Goel V., Thirumurugan K.	Evidence that chemical chaperone 4-Phenylbutyric acid binds to human serum albumin at fatty acid binding sites	PLoS ONE	10	7	-	-	2.78	-
259	Kaur P., Ghosh A., Krishnamurthy R.V., Bhattacharjee D.G., Achar V., Datta S., Narayanan S., Anbarasu A., Ramaiah S.	A high-throughput cidality screen for Mycobacterium tuberculosis	PLoS ONE	10	2	-	-	2.78	https://www.researchgate.net/publication/289382454_Importance_of_cation-pi_interactions_in_the_conformational_stability_and_specificity_of_beta-lactamases

260	Kumari J., Mathur A., Rajeshwari A., Venkatesan A., Satyavati S., Pulimi M., Chandrasekaran N., Nagarajan R., Mukherjee A.	Individual and co transport study of titanium dioxide NPs and zinc oxide NPs in porous media	PLoS ONE	10	8	-	-	2.78	https://www.researchgate.net/profile/Dr_Vijayalakshmi2/publication/280007457_Influence_of_various_coating_techniques_on_the_corrosion_resistive_behavior_in_Ringer's_solution/links/55a35e4b08ae1c0e046546b1.pdf
261	Samuel S M., Abigail M E.A., Chidambaram R.	Isotherm modelling, kinetic study and optimization of batch parameters using response surface methodology for effective removal of Cr(VI) using fungal biomass	PLoS ONE	10	3	-	-	2.78	https://www.researchgate.net/publication/295581803_In_silico_modeling_design_synthesis_and_screening_for_antitubercular_activity_of_some_novel_124-triazole_derivatives
262	Nagasundaram N., Zhu H., Liu J., Karthick V., George Priya Doss C., Chakraborty C., Chen L.	Analysing the effect of mutation on protein function and discovering potential inhibitors of CDK4: Molecular modelling and dynamics studies	PLoS ONE	10	8	-	-	2.78	-
263	Dhanasekar C., Kalaiselvan S., Rasool M.	Morin, a bioflavonoid suppresses monosodium urate crystal-induced inflammatory immune response in RAW 264.7 macrophages through the inhibition of inflammatory mediators, intracellular ROS levels and NF-ÎºB activation	PLoS ONE	10	12	-	-	2.78	https://www.researchgate.net/publication/295582350_Investigations_on_synthesis_structural_and_magnetocrystalline_anisotropy_constant_of_cobalt_ferrite_nanoparticles
264	Ravishankar S., Ambady A., Ramu H., Mudugal N.V., Tunduguru R., Anbarasu A., Sharma U.K., Sambandamurthy V.K., Ramaiah S.	An IPTG inducible conditional expression system for mycobacteria	PLoS ONE	10	8	-	-	2.78	https://www.researchgate.net/publication/278243087_In_vitro_development_of_magnesium_ammonium_phosphate_hexahydrate_crystal_by_single_diffusion_method_and_study_of_its_antimicrobial_activity

265	Sudan R.J.J., Kumari J.L.J., Sudandiradoss C.	Ab initio coordination chemistry for nickel chelation motifs	PLoS ONE	10	5	-	-	2.78	https://www.researchgate.net/publication/288362638_In_vitro_genotoxic_study_of_beta-asarone_in_human_peripheral_blood_lymphocytes
266	Chikan N.A., Bukhari S., Shabir N., Amin A., Shafi S., Qadri R.A., Patel T.N.C.	Atomic insight into the altered O6 - Methylguanine-DNA methyltransferase protein architecture in gastric cancer	PLoS ONE	10	5	-	-	2.78	https://www.researchgate.net/publication/288406976_In_vitro_hepatoprotective_activity_of_Cochlospennum_religiosum_in_BRL3A_cell_line
267	Melvin S.S., M E.A.A., Chidambaram R.	Biosorption of Cr(VI) by Ceratocystis paradoxa MSR2 Using isotherm modelling, kinetic study and optimization of batch parameters using response surface methodology	PLoS ONE	10	3	-	-	2.78	https://www.researchgate.net/publication/292526359_Amperometric_determination_of_nitrite_with_a_carbon_paste_electrode_using_covalently_immobilized_thionin
268	Mathur A., Kumari J., Parashar A., Lavanya T., Chandrasekaran N., Mukherjee A.	Decreased phototoxic effects of TiO2 nanoparticles in consortium of bacterial isolates from domestic waste water	PLoS ONE	10	10	-	-	2.78	-
269	Viswanathan, V.; Krishnamurthi, Ilango	Finding relevant semantic association paths using semantic ant colony optimization algorithm	Soft Computing	19	1	251	260	2.78	https://www.researchgate.net/publication/288544862_Larvicidal_activity_of_zero_valent_iron_nanoparticles_against_malarial_and_filarial_vectors
270	Prabhu P.P., Panneerselvam T., Shastry C.S., Sivakumar A., Pande S.S.	Synthesis and anticancer evaluation of 2-phenyl thiaolidinone substituted 2-phenyl benzothiazole-6-carboxylic acid derivatives	Journal of Saudi Chemical Society	-	-	-	-	2.76	-

271	Logeswari P., Silambarasan S., Abraham J.	Synthesis of silver nanoparticles using plants extract and analysis of their antimicrobial property	Journal of Saudi Chemical Society	19	3	311	317	2.76	https://www.researchgate.net/publication/296496838_Mechanical_studies_surface_analysis_luminescence_studies_of_an_organic_NLO_material_5-Nitroindole
272	Pandey M., Joshi G.M., Deshmukh K., Nath Ghosh N., Nambi Raj N.A.	Electrical conductivity, optical properties and mechanical stability of 3, 4, 9, 10-perylenetetracarboxylic dianhidride based organic semiconductor	Journal of Physics and Chemistry of Solids	80	-	52	61	2.75	-
273	Sathiyan S., Ahmad H., Chong W.Y., Lee S.H., Sivabalan S.	Evolution of the Polarizing Effect of MoS2	IEEE Photonics Journal	7	6	1	10	2.73	-
274	Mary, J. Arul; Vijaya, J. Judith; Dai, J. H.; Bououdina, M.; Kennedy, L. John; Song, Y.	Experimental and first-principles DFT studies of electronic, optical and magnetic properties of cerium-manganese codoped zinc oxide nanostructures	Materials Science in Semiconductor Processing	34	-	27	38	2.72	-
275	Agilandeswari K., Saral A.M., Kumar A.R.	Magnetic, optical, microscopic and electrical behavior of Ca2-xYxCo2O5 prepared by a molten flux method	Materials Science in Semiconductor Processing	34	-	205	213	2.72	https://www.researchgate.net/publication/288776512_Mitigation_of_biochemical_and_histological_effects_of_bromobenzene_on_the_hepatic_system_in_rats_by_the_Indian_herbal_drug_formulation_Triphala
276	Sundararajan M., Kennedy L.J., Aruldoss U., Pasha S.K., Vijaya J.J., Dunn S.	Microwave combustion synthesis of zinc substituted nanocrystalline spinel cobalt ferrite: Structural and magnetic studies	Materials Science in Semiconductor Processing	40	-	1	10	2.72	https://www.researchgate.net/publication/278961510_Mixed_ligand_based_copper_II_complex_and_its_antimicrobial_activity
277	Karthik T.V.K., De La L. Olvera M., Maldonado A., Velumurugan V.	Sensing properties of undoped and Pt-doped SnO<inf>2</inf> thin films deposited by chemical spray	Materials Science in Semiconductor Processing	37	-	143	150	2.72	-

278	Thanigaivel S., Chandrasekaran N., Mukherjee A., Thomas J.	Investigation of seaweed extracts as a source of treatment against bacterial fish pathogen	Aquaculture	448	-	82	86	2.71	https://www.researchgate.net/publication/278763418_MWCNT-chitosan_composite_chemically_modified_electrode_as_an_electrochemical_detector_for_highly_Selective_flow_injection_analysis_of_H2O2
279	Thanigaivel S., Vijayakumar S., Gopinath S., Mukherjee A., Chandrasekaran N., Thomas J.	In vivo and in vitro antimicrobial activity of Azadirachta indica (Lin) against Citrobacter freundii isolated from naturally infected Tilapia (Oreochromis mossambicus)	Aquaculture	114	-	392	397	2.71	https://www.researchgate.net/publication/301339726_Notable_anti-vermicidal_activity_of_polymeric_ionic_liquids_against_Pheretima_posthuma
280	Thanigaivel S., Vidhya Hindu S., Vijayakumar S., Mukherjee A., Chandrasekaran N., Thomas J.	Differential solvent extraction of two seaweeds and their efficacy in controlling Aeromonas salmonicida infection in Oreochromis mossambicus: A novel therapeutic approach	Aquaculture	443	1	56	64	2.71	https://www.researchgate.net/publication/286569384_Photocatalytic_study_of_cubic_and_mixed_phase_of_nano_cadmium_sulphide
281	Muthuraja A., Kalainathan S.	Growth of organic benzimidazole (BMZ) single crystal by vertical Bridgman technique and its structural, spectral, thermal, optical, mechanical and dielectric properties	Optical Materials	47	-	354	360	2.69	https://www.researchgate.net/publication/278426838_Phytochemical_and_antimicrobial_studies_of_green_leafy_vegetables_and_its_enhanced_bioactive_properties_upon_fortification_with_probiotic_Lactobacilli_acidophilus
282	Sivanandan T., Kalainathan S.	Study of growth condition and characterization of bisthiourea-zinc acetate (BTZA) crystal grown in silica gel	Optical Materials	43	-	25	32	2.69	https://www.researchgate.net/publication/295581882_Phytochemical_investigation_and_in_vitro_biological_screening_of_Curcuma_zedoaria

283	Senthil K., Kalainathan S., Hamada F., Yamada M., Aravindan P.G.	Synthesis, growth, structural and HOMO and LUMO, MEP analysis of a new stilbazolium derivative crystal: A enhanced third-order NLO properties with a high laser-induced damage threshold for NLO applications	Optical Materials	46	-	565	577	2.69	-
284	Shiju T.M., Mohan V., Balasubramanyam M., Viswanathan P.	Soluble CD36 in plasma and urine: A plausible prognostic marker for diabetic nephropathy	Journal of Diabetes and its Complications	29	3	400	406	2.68	
285	Ghosh N., Datta S., Ghosh B.	Size dependence in magnetic memory, relaxation and interaction of La0.67Sr0.33MnO3	Journal of Magnetism and Magnetic Materials	382	-	277	282	2.68	
286	Pooja S., Sweta K., Mohanapriya A., Sudandiradoss C., Siva R., Gothandam K.M., Babu S.	Homotypic clustering of OsMYB4 binding site motifs in promoters of the rice genome and cellular-level implications on sheath blight disease resistance	Gene	561	2	209	218	2.64	https://www.researchgate.net/publication/332156471_Preparation_and_catalytic_activity_of_mesoporous_Al-SBA-16_solid_acid_catalysts
287	Sundarrajan S., Lulu S., Arumugam M.	Insights into protein interaction networks reveal non-receptor kinases as significant druggable targets for psoriasis	Gene	566	2	138	147	2.64	https://www.researchgate.net/publication/288027034_Preparation_and_characterization_of_new_donor-acceptor_conjugated_polymer_derived_from_quinoline_and_earbazole
288	Dubey V., Ghosh A.R., Bishayee K., Khuda-Bukhsh A.R.	Probiotic Pediococcus pentosaceus strain GS4 alleviates azoxymethane-induced toxicity in mice	Nutrition Research	35	10	921	929	2.63	https://www.researchgate.net/publication/278677031_Selective_electrochemical_detection_of_ascorbic_acid_in_canned_juice_using_anilineN-1-naphthyl_ethylene-diamine_modified_MWCNT_electrode
289	Chakraborty C., Doss C.G.P., Sarin R., Hsu M.J., Agoramoorthy G.	Can the chemotherapeutic agents perform anticancer activity though miRNA expression regulation? Proposing a new hypothesis	Protoplasma	252	6	1603	1610	2.63	https://www.researchgate.net/publication/289560926_Silver_nanoparticle_catalyzed_degradation_of_textile_dyes

290	Chakraborty, Chiranjib; Doss, C. George Priya; Sarin, Renu; Hsu, Minna J.; Agoramoorthy, Govindasamy	Can the chemotherapeutic agents perform anticancer activity through miRNA expression regulation? Proposing a new hypothesis (vol 252, pg 1603, 2015)	PROTOPLASMA	252	6	1611	1611	2.63	https://www.researchgate.net/publication/278763388_Simultaneous_differential_pulse_voltammetric_analysis_of_guanine_and_adenine_using_graphitized_carbon_nanofibers_modified_electrode
291	De, Modhurika	Contextualizing Alternative Energy Usage	HELIX	5	-	719	724	2.61	https://www.researchgate.net/publication/289169498_Simultaneous_quantitation_of_corticosteroid_drugs_with_their_specified_impurities_using_liquid_chromatography
292	Pulicherla K.K., Verma M.K.	Targeting Therapeutics Across the Blood Brain Barrier (BBB), Prerequisite Towards Thrombolytic Therapy for Cerebrovascular Disordersâââ€š¬ââ,¬Âan Overview and Advancements	AAPS PharmSciTech	16	2	223	233	2.61	https://www.researchgate.net/profile/Sivasankar_Koppala/publication/288261877_Sodium_calcium_silicatechitosan_composites_for_hard_tissue_applications/links/57344d7d08aea45ee83979ac.pdf
293	Patnaik A., Senthilnathan K., Jha R.	Graphene-Based Conducting Metal Oxide Coated D-Shaped Optical Fiber SPR Sensor	IEEE Photonics Technology Letters	27	23	2437	2440	2.55	https://www.tib.eu/en/search/id/BLSE%3ARN601322503/Steroids-and-antioxidant-activity-from-Lantana/

294	Pratheep Kumar S., Gopal B.	Simulated monazite crystalline wasteform La0.4Nd0.1Y0.1Gd0.1Sm0.1Ce0.1Ca0.1(P0.9Mo0.1O4): Synthesis, phase stability and chemical durability study	Journal of Nuclear Materials	458	-	224	232	2.55	https://www.researchgate.net/profile/Ayesha_Mariam/publication/264237528_Structural_Microstructural_and_Optical_Characterisations_of_Electrodeposited_ZnSe_thin_films/links/56441dd108ae9f9c13e4090f/Structural-Microstructural-and-Optical-Characterisations-of-Electrodeposited-ZnSe-thin-films.pdf
295	Chakraborty P., Moitra A., Saha-Dasgupta T.	Effect of hydrogen on degradation mechanism of zirconium: A molecular dynamics study	Journal of Nuclear Materials	466	-	172	178	2.55	https://www.researchgate.net/publication/279027541_Structural_optical_morphological_and_organic_vapours_sensing_properties_of_SnO2_nanostructures
296	Vairavasundaram S., Varadharajan V., Vairavasundaram I., Ravi L.	Data mining-based tag recommendation system: An overview	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	5	3	87	112	2.54	https://www.researchgate.net/publication/289462688_Studies_on_induction_of_organic_crystals_in_Wister_rat_models_and_its_interaction_with_Withania_somnifera
297	Sundaram V.M., Thangavelu A.	A Delaunay diagram-based Min-Max CP-Tree algorithm for Spatial Data Analysis	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	5	3	142	154	2.54	https://www.researchgate.net/publication/282571158_Studies_on_synthesis_and_coordination_chemistry_of_catechol_based_phosphine_oxides

298	Kumari J.L.J., Sudandiradoss C.	Exploring the structural constraints at cleavage site of mucin 1 isoform through molecular dynamics simulation	European Biophysics Journal	44	5	309	323	2.53	https://www.researchgate.net/publication/283347891_Studies_on_the_growth_spectral_optical_and_mechanical_properties_of_organic_single_crystal_2-2-4-Diethylamino-phenyl-vinyl-1-ethylpyridiniumiodide_monohydrate
299	Pangeni D., Kapil C., Jairajpuri M.A., Sen P.	Inter-domain helix h10DOMIâââ€š¬ââ,¬Å“h1DOMII is important in the molecular interaction of bovine serum albumin with curcumin: spectroscopic and computational analysis	European Biophysics Journal	44	3	139	148	2.53	https://www.tib.eu/en/search/id/BLSE%3ARN601322237/Study-of-water-quality-of-three-major-rivers-of/
300	Rajesh K., Lavanya P., Iniyavan P., Sarveswari S., Ramaiah S., Anbarasu A., Vijayakumar V.	Regioselective synthesis of 2-chloroquinoline based ethyl 4-(3-hydroxyphenyl)-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylates and their In-Silico evaluation against P. Falciparum lactate dehydrogenase	Medicinal Chemistry	11	8	789	797	2.53	https://www.tib.eu/en/search/id/BLSE%3ARN601933248/Study-on-the-dielectric-behaviour-of-magnesium/
301	Banerjee P., Suguna L., Shanthi C.	Wound healing activity of a collagen-derived cryptic peptide	Amino Acids	47	2	317	328	2.52	https://www.researchgate.net/profile/Moonjit_Das2/publication/278250208_Synthesis_and_anthelmintic_activity_studies_of_1-substituted_benzimidazole_derivatives/links/565e876908ae1ef92983dabf/Synthesis-and-anthelmintic-activity-studies-of-1-substituted-benzimidazole-derivatives.pdf

302	Kalaiselvan S., Rasool M.K.	The anti-inflammatory effect of triphala in arthritic-induced rats	Pharmaceutical Biology	53	1	51	60	2.49	https://www.researchgate.net/profile/Akella_Sivaramakrishna/publication/282570947_Synthesis_and_characterization_of_platinacyclosulfides_derived_from_platinum_based_heterobimetallic_carbonyl_clusters/links/57bd14fe08aedf5f75eaaf0e.pdf
303	Sekhar Y.R., Sharma K.V.	Study of viscosity and specific heat capacity characteristics of water-based Al2O3nanofluids at low particle concentrations	Journal of Experimental Nanoscience	10	2	86	102	2.48	https://www.researchgate.net/profile/Sasikumar_Swamiappan/publication/288924234_Synthesis_and_characterization_of_diopside_by_sol-gel_combustion_method_by_using_L-alanine_as_a_fuel_for_biomedical_applications/links/57415ee708ae9ace84160d7f/Synthesis-and-characterization-of-diopside-by-sol-gel-combustion-method-by-using-L-alanine-as-a-fuel-for-biomedical-applications.pdf
304	Ali S.K., Doss C.G.P., Kumar D.T., Zhu H.	CoagVDb: A comprehensive database for coagulation factors and their associated SAPs	Biological Research	48	-	-	-	2.48	https://www.tib.eu/en/search/id/BLSE%3ARN601933273/Synthesis-and-characterization-of-nano-lead-oxide/

305	Ayyathan D.M., Chandrasekaran R., Thiagarajan K.	Neuroprotective effect of Tagara, an Ayurvedic drug against methyl mercury induced oxidative stress using rat brain mitochondrial fractions	BMC Complementary and Alternative Medicine	15	1	-	-	2.48	https://www.researchgate.net/publication/289169716_Synthesis_and_characterization_of_new_heteroleptic_derIVatIVes_of_titaniumIV_derIVed_from_2-hydroxy-4-methoxy-benzophenoneA_new_precursors_for_the_synthesis_of_nano_sized_titania
306	Shyamal S., Anilkumar G., Bhaskaran R., Doss G.P., Durica D.S.	Significant fluctuations in ecdysteroid receptor gene (EcR) expression in relation to seasons of molt and reproduction in the grapsid crab, Metopograpsus messor (Brachyura: Decapoda)	General and Comparative Endocrinology	211	-	39	51	2.45	https://www.researchgate.net/publication/296462748_Synthesis_and_characterization_of_N-substituted_benzimidazole_derivatives_and_study_of_their_antibacterial_and_antifungal_activity
307	Malipeddi M., Lakhani C., Chhabra M., Paira P., Vidya R.	An efficient synthesis and in vitro antibacterial evaluation of ruthenium-quinolinol complexes	Bioorganic and Medicinal Chemistry Letters	25	15	2892	2896	2.45	https://www.tib.eu/en/search/id/BLSE%3ARN601933309/Synthesis-and-characterization-of-platinacyclosulfides/
308	Chinnapattu M., Sathiyanarayanan K.I., Iyer P.S.	Synthesis and biological evaluation of adamantane-based aminophenols as a novel class of antiplasmodial agents	Bioorganic and Medicinal Chemistry Letters	25	4	952	955	2.45	https://www.researchgate.net/publication/289462751_Synthesis_and_characterization_of_ZnO_and_Al2O3_nanoparticles_and_their_application_in_the_chromium_remediation_studies
309	Kannan M., Raichurkar A.V., Khan F.R.N., Iyer P.S.	Synthesis and in vitro evaluation of novel 8-aminoquinoline-pyrazolopyrimidine hybrids as potent antimalarial agents	Bioorganic and Medicinal Chemistry Letters	25	5	1100	1103	2.45	https://www.researchgate.net/publication/278404626_Synthesis_and_docking_studies_of_novel_quinoline_substituted_thiobarbituric_acid_derivatives_as_potential_therapeutic_agents_for_type-II_diabetes

310	Bharathi M.V., Chhabra M., Paira P.	Development of surface immobilized 3-azidocoumarin-based fluorogenic probe via strain promoted click chemistry	Bioorganic and Medicinal Chemistry Letters	25	24	5737	5742	2.45	https://www.researchgate.net/profile/Dr_Vijayalakshmi2/publication/280007030_Synthesis_and_In-Vitro_Electrochemical_Study_of_Composite_Coatings_on_Implant_by_Electrophoretic_Deposition/links/55a34ea608aea54aa81580e2/Synthesis-and-In-Vitro-Electrochemical-Study-of-Composite-Coatings-on-Implant-by-Electrophoretic-Deposition.pdf
311	Venkatesh G., Sharma A.K., Singh N.	Simulation of media behaviour in vibration assisted abrasive flow machining	Simulation Modelling Practice and Theory	51	-	1	13	2.43	https://www.researchgate.net/publication/291688042_Synthesis_and_study_the_anti-proliferative_effect_of_new_series_of_1H-imidazo45-cquinoline_derivatives_in_MCF-7_human_breast_cancer_cells
312	Ramya L.N., Pulicherla K.K.	Studies on Deimmunization of Antileukaemic L-Asparaginase to have Reduced Clinical Immunogenicity- An in silico Approach	Pathology and Oncology Research	21	4	909	920	2.43	https://www.researchgate.net/profile/Lokesh_Budigi/publication/274510448_Synthesis_characterization_and_optical_properties_of_nitrogen-doped_ZnTiO3/links/5609436608ae4d86bb11a382.pdf

313	Vartak V.R., Narasimmalu R., Annam P.K., Singh D.P., Lakra W.S.	DNA barcoding detected improper labelling and supersession of crab food served by restaurants in India	Journal of the Science of Food and Agriculture	95	2	359	366	2.42	https://www.researchgate.net/publication/278404738_Synthesis_characterization_and_pharmacological_studies_of_novel_isocoumarins_derived_from_two_anti-inflammatory_drugs_-_Diclofenac_and_Aceclofenac
314	Senthil kumaran U., Ilango P.	Secure authentication and integrity techniques for randomized secured routing in WSN	Wireless Networks	21	2	443	451	2.41	https://www.researchgate.net/publication/264497467_Synthesis_characterization_optical_and_dielectric_studies_of_layered_K05CoO2_Oxide_material
315	Lobo L.S., Kalainathan S., Kumar A.R.	Investigation of electrical studies of spinel FeCo2O4 synthesized by sol-gel method	Superlattices and Microstructures	88	-	116	126	2.39	https://www.researchgate.net/publication/281634450_Synthesis_docking_and_biological_evaluation_of_some_NSAID_derivatives_of_amino_acids
316	Sivanantham A., Abinaya C., Vishnukanthan V., Jayabal P., Boobalan K., Mohanraj S., Mayandi J.	Zinc oxide formation in galvanized metallic wire by simple selective growth method	Superlattices and Microstructures	82	-	327	335	2.39	https://www.researchgate.net/publication/289545600_Synthesis_growth_and_characterizations_of_organic_nonlinear_optical_material_4-Chloroaniline
317	Thirumalini S., Ravi R., Sekar S.K., Nambirajan M.	Knowing from the past - Ingredients and technology of ancient mortar used in Vadakumnathan temple, Tirussur, Kerala, India	Journal of Building Engineering	4	-	101	112	2.38	https://www.researchgate.net/publication/281633986_Synthesis_of_linear_tetrapeptide_Ile-Ala-Leu-Leu_with_potent_anthelmintic_activity
318	Arulkumar K., Vijayakumar D., Palanisamy K.	Modeling and control strategy of three phase neutral point clamped multilevel PV inverter connected to the grid	Journal of Building Engineering	3	-	195	202	2.38	http://dspace.library.iitb.ac.in/xmlui/handle/100/18409

319	Alex S.A., Satija J., Khan M.A., Bhalerao G.M., Chakravarty S., Kasilingam B., Sivakumar A., Chandrasekaran N., Mukherjee A.	Etching-based transformation of dumbbell-shaped gold nanorods facilitated by hexavalent chromium and their possible application as a plasmonic sensor	Analytical Methods	7	13	5583	5592	2.38	https://www.researchgate.net/publication/286778387_Synthesis_of_N-acetyl_pyrazole_and_its_analogues
320	Alex S.A., Elavarasi M., Kumar D.N., Rajeshwari A., Chandrasekaran N., Mukherjee A.	Reply to the 'Comment on "Simple fluorescence-based detection of Cr(III) and Cr(VI) using unmodified gold nanoparticles"' by M. R. Hormozi-Nezhad, J. Mohammadi and A. Bigdeli, Anal. Methods, 2015, 7, DOI: 10.1039/c5ay00005j	Analytical Methods	7	14	6035	6036	2.38	http://www.riss.kr/search/detail/DetailView.do?p_mat_type=e21c2016a7c3498b&control_no=8994e8a85cb1de5affe0bdc3ef48d419
321	Kumar D.N., Rajeshwari A., Alex S.A., Chandrasekaran N., Mukherjee A.	An ultrasensitive colorimetric sensor for efficient detection of Hg2+ at physiological pH	Analytical Methods	7	6	2268	2272	2.38	-
322	Jagirdar A., Shetty P., Satti S., Garg S., Paul D.	A paperfluidic device for dental applications using a novel patterning technique	Analytical Methods	7	4	1293	1299	2.38	https://www.researchgate.net/publication/289516276_The_new_spectrophotometric_methods_for_the_estimation_of_Butorphanol_tartarate_in_bulk_and_pharmaceutical_formulations
323	Vishnu N., Kumar A.S.	A preanodized 6B-pencil graphite as an efficient electrochemical sensor for mono-phenolic preservatives (phenol and meta-cresol) in insulin formulations	Analytical Methods	7	5	1943	1950	2.38	https://www.researchgate.net/publication/289561395_Thermal_property_analysis_of_epoxy_based_silver_nanocomposites

324	James J., Fiji N., Roy D., Andrew Mg D., Shihabudeen M.S., Chattopadhyay D., Thirumurugan K.	A rapid method to assess reactive oxygen species in yeast using H2DCF-DA	Analytical Methods	7	20	8572	8575	2.38	https://www.researchgate.net/profile/Sravanthi_Vengataraman/publication/282275060_An_improved_Bischler_indole_synthesis_to_obtain_2-arylindole_scaffolds/links/561e13b208aef097132b2e72/An-improved-Bischler-indole-synthesis-to-obtain-2-arylindole-scaffolds.pdf
325	Paul I.E., Rajeshwari A., Prathna T.C., Raichur A.M., Chandrasekaran N., Mukherjee A.	Colorimetric detection of melamine based on the size effect of AuNPs	Analytical Methods	7	4	1453	1462	2.38	https://www.researchgate.net/publication/292461735_An_improved_practical_and_efficient_method_for_the_synthesis_of_novel_N-chloro_derivatives_using_calcium_hypochlorite
326	Kumar A., Shanthi V., Ramanathan K.	Computational investigation and experimental validation of crizotinib resistance conferred by c1156y mutant anaplastic lymphoma kinase	Molecular Informatics	34	42796	105	114	2.38	https://www.researchgate.net/publication/295582836_Antibacterial_activity_of_plant_essential_oil_microemulsion_against_wound_isolate_Macrococcus_caseolyticus
327	Selvarajan E., Mohanasrinivasan V., Subathra Devi C., George Priya Doss C.	Immobilization of Î²-galactosidase from Lactobacillus plantarum HF571129 on ZnO nanoparticles: characterization and lactose hydrolysis	Bioprocess and Biosystems Engineering	38	9	1655	1669	2.37	https://www.researchgate.net/publication/292461599_Antidermatophytic_studies_of_some_2-chloro-quinoline_analogues
328	Bag S., Pal M., Chaudhary A., Das R.K., Paul R.R., Sengupta S., Chatterjee J.	Connecting cyto-nano-architectural attributes and epithelial molecular expression in oral submucous fibrosis progression to cancer	Journal of Clinical Pathology	68	8	605	613	2.35	https://www.researchgate.net/publication/292461600_Antimicrobial_assay_on_synthetic_phenanthridine_derivatives

329	Suresh P., Vijaya J.J., Kennedy L.J.	Photocatalytic degradation of textile dyeing wastewater through microwave synthesized Zr-AC, Ni-AC and Zn-AC	Transactions of Nonferrous Metals Society of China (English Edition)	25	12	4216	4225	2.34	https://www.researchgate.net/profile/Dr_Karpagam_Subramanian/publication/288027034_Preparation_and_characterization_of_new_donor-acceptor_conjugated_polymer_derived_from_quinoline_and_earbazole/links/56a5f5c808ae232fb2098214/Preparation-and-characterization-of-new-donor-acceptor-conjugated-polymer-derived-from-quinoline-and-earbazole.pdf
330	Mohammed M.T., Khan Z.A., Geetha M.	Effect of thermo-mechanical processing on microstructure and electrochemical behavior of Ti-Nb-Zr-V new metastable Î² titanium biomedical alloy	Transactions of Nonferrous Metals Society of China (English Edition)	25	3	759	769	2.34	https://www.researchgate.net/publication/296570925_Attenuation_of_the_toxic_effects_of_bromobenzene_on_the_kidneys_in_Wistar_albino_rats_by_the_blue_green_algae_Spirulina_fusiformis
331	Elayaraja S., Chandrasekaran S.S., Ganapathy G.P.	Evaluation of seismic hazard and potential of earthquake-induced landslides of the Nilgiris, India	Natural Hazards	78	3	1997	2015	2.32	https://www.researchgate.net/publication/292476276_Bioactive_Wollastonite_synthesized_by_sol-gel_combustion_method_by_using_tartaric_acid_as_a_fuel_for_bone_regenerative_applications
332	Ganapathy G.P., Rajawat A.S.	Use of hazard and vulnerability maps for landslide planning scenarios: a case study of the Nilgiris, India	Natural Hazards	77	1	305	316	2.32	https://www.researchgate.net/publication/289283588_Biosorptive_removal_of_methylene_blue_from_aqueous_solution_by_chemically_activated_watermelon_rind_as_adsorbent

333	Chakraborty C., Bandyopadhyay S., Doss C.G.P., Agoramoorthy G.	Exploring the Genomic Roadmap and Molecular Phylogenetics Associated with MODY Cascades Using Computational Biology	Cell Biochemistry and Biophysics	71	3	1491	1502	2.32	https://www.tib.eu/en/search/id/BLSE%3ARN601322273/Bootstrap-confidence-interval-approach-to-compare/
334	Anitha P., Bag S., Anbarasu A., Ramaiah S.	Gene and Protein Network Analysis of AmpC Î² Lactamase	Cell Biochemistry and Biophysics	71	3	1553	1567	2.32	https://www.researchgate.net/publication/283712901_Cation-pi_interaction_in_metalloproteins_A_bioinformatics_approach
335	Bag S., Anbarasu A.	Revealing the Strong Functional Association of adipor2 and cdh13 with adipoq: A Gene Network Study	Cell Biochemistry and Biophysics	71	3	1445	1456	2.32	https://www.researchgate.net/publication/292476367_CCBNiO_mixture_as_electrolyte_material
336	Mohanaprasad K., Arulmozhivarman P.	Wavelet based ICA using maximisation of non-Gaussianity for acoustic echo cancellation during double talk situation	Applied Acoustics	97	-	37	45	2.3	https://www.researchgate.net/publication/292476277_Cobalt_ferrite_CoFe2O4_nanoparticles_for_evaluation_of_antibacterial_activity
337	Lavanya P., Ramaiah S., Singh H., Bahadur R., Anbarasu A.	Investigations on the role of CH...O interactions and its impact on stability and specificity of penicillin binding proteins	Computers in Biology and Medicine	65	-	85	92	2.29	https://www.researchgate.net/publication/292476535_Co-EDTA_NPs_for_the_removal_of_chromium_from_waste_water
338	Devi C.N., Chandrasekharan A., Sundararaman V.K., Alex Z.C.	Neonatal brain MRI segmentation: A review	Computers in Biology and Medicine	64	-	163	178	2.29	https://www.researchgate.net/publication/291457583_Comparative_evaluation_of_CO2_capture_by_NN-dimethylamine_N-ethylamine_chitosan_and_N-cinnamoyl_chitosan
339	Jeeva J.B., Singh M.	Reconstruction of optical scanned images of inhomogeneities in biological tissues by Monte Carlo simulation	Computers in Biology and Medicine	60	-	92	99	2.29	https://www.tib.eu/en/search/id/BLSE%3ARN601322090/Covalently-immobilized-toluidine-blue-sol-gel-film/

340	Suman P., Janardan S., Lone M.Y., Jha P., Vijayakrishna K., Sivaramakrishna A.	Role of N-donor groups on the stability of hydrazide based hypercoordinate silicon(IV) complexes: Theoretical and experimental perceptions	Polyhedron	99	-	266	274	2.28	https://www.researchgate.net/publication/291693150_Cytotoxic_activity_of_methanolic_leaf_extract_of_Drypetes_sepiaria_with_caspase-3_activation_potential_in_human_cervical_cancer_HeLa_cell_line
341	Narayanan S., Vijaya J.J., Sivasanker S., Alam M., Tamizhdurai P., Kennedy L.J.	Characterization and catalytic reactivity of mordenite - Investigation of selective oxidation of benzyl alcohol	Polyhedron	89	-	289	296	2.28	https://www.researchgate.net/profile/Moonjit_Das2/publication/278097172_Design_and_synthesis_of_NSAIDs_derivatives_as_antioxidant_agents/links/565e883a08ae4988a7bd681b/Design-and-synthesis-of-NSAIDs-derivatives-as-antioxidant-agents.pdf
342	Janardan S., Suman P., Sivaramakrishna A., Vijayakrishna K.	Donor-stabilized hypercoordinated silicon(IV) chelates with cyclohexylideneimino-N ligand group: Role of substituents on ionization Dedicated to late Professor Daniel Koston his memory.	Polyhedron	85	-	34	40	2.28	-
343	Dasaradhan C., Kumar Y.S., Prabakaran K., Khan F.-R.N., Jeong E.D., Chung E.H.	Efficient and convenient copper-free Pd(OAc)2/Ruphos-catalyzed Sonogashira coupling in the preparation of corfin analogues	Tetrahedron Letters	56	6	784	788	2.26	https://www.researchgate.net/publication/286570525_Development_and_validation_of_HPLC_method_for_simultaneous_determination_of_Hydrochlorothiazide_and_Alfuzosin

344	Dasaradhan C., Suneel Kumar Y., Nawaz Khan F.-R., Jeong E.D., Chung E.H.	Efficient copper-free Pd(OAc)2/Ruphos-catalyzed Sonogashira coupling in the preparation of 3ââ€š¬²-hydroxycorfin and gymnopalynes A analogues	Tetrahedron Letters	56	1	187	191	2.26	https://www.researchgate.net/publication/278245200_Development_of_a_tricomponent_composite_graphene_oxide-chitosan-hydroxy-apatite_for_bone_tissue_engineering
345	Ubba E., Kumar Y.S., Dasaradhan C., Khan F.-R.N., Jeong E.D., Chung E.H.	Efficient one pot multi-component domino Aldol condensation-Michael addition-Suzuki coupling reaction for the highly functionalized quinolines	Tetrahedron Letters	56	33	4744	4748	2.26	https://www.researchgate.net/publication/278762844_Development_of_selective_electrochemical_detector_for_hydrazine_in_water_samples_using_nickel_hexacyanoferrate_modified_disposable_gold_electrode
346	Kumar Y.S., Dasaradhan C., Prabakaran K., Manivel P., Nawaz Khan F.-R., Jeong E.D., Chung E.H.	Palladium catalyzed Suzuki Miyaura cross coupling of 3-chloroisochromen-1-one: Synthesis of glomellin and reticulol analogues	Tetrahedron Letters	56	7	941	945	2.26	https://www.researchgate.net/profile/Avinash_Khiratkar/publication/289036913_Adsorption_characteristics_of_leadII_ions_onto_benzimidazolium_based_polymeric_ionic_liquid_from_aqueous_solutions/links/597b02930f7e9b0469ec6182/Adsorption-characteristics-of-leadII-ions-onto-benzimidazolium-based-polymeric-ionic-liquid-from-aqueous-solutions.pdf

347	Iniyavan P., Sarveswari S., Vijayakumar V.	Synthesis and antioxidant studies of novel bi-, tri-, and tetrapodal 9-aryl-1,8-dioxo-octahydroxanthenes	Tetrahedron Letters	56	11	1401	1406	2.26	https://www.researchgate.net/profile/Annamalai_Senthil_Kumar2/publication/278762844_Development_of_selective_electrochemical_detector_for_hydrazine_in_water_samples_using_nickel_hexacyanoferrate_modified_disposable_gold_electrode/links/55852a3d08aeb0cdaddbda25/Development-of-selective-electrochemical-detector-for-hydrazine-in-water-samples-using-nickel-hexacyanoferrate-modified-disposable-gold-electrode.pdf
348	Chikkulapalli A., Aavula S.K., Mona Np R., Karthikeyan C., Kumar C.H. V., Sulur G. M., Sumathi S.	Convenient N-acetylation of amines in N,N-dimethylacetamide with N,N-carbonyldiimidazole	Tetrahedron Letters	56	24	3799	3803	2.26	https://doi.org/10.3938/jkps.66.1135
349	Munusamy S., Venkatesan S., Sathiyanarayanan K.I.	Copper catalyzed C-N bond formation/C-H activation: Synthesis of aryl 4H-3,1-benzoxazin-4-ones	Tetrahedron Letters	56	1	203	205	2.26	https://doi.org/10.1002/jsfa.6728
350	Iniyavan P., Balaji G.L., Sarveswari S., Vijayakumar V.	CuO nanoparticles: synthesis and application as an efficient reusable catalyst for the preparation of xanthene substituted 1,2,3-triazoles via click chemistry	Tetrahedron Letters	56	35	5002	5009	2.26	https://doi.org/10.1016/j.jtice.2014.11.026
351	Kwon T.-Y., Oh D.S., Narayanan R.	Nanomaterials for Medical and Dental Applications	Journal of Nanomaterials	2015	-	-	-	2.23	https://doi.org/10.1016/j.jtbi.2014.09.034
352	Gopinath C., Nathar T.J., Ghosh A., Hickstein D.D., Nelson E.J.R.	Contemporary animal models for human gene therapy applications	Current Gene Therapy	15	6	531	540	2.22	https://doi.org/10.1016/j.jtbi.2015.06.019

353	Christy J.P., Doss C.G.P.	Single amino acid polymorphism in aldehyde dehydrogenase gene superfamily	Frontiers in Bioscience - Landmark	20	2	335	376	2.21	https://doi.org/10.1007/s11239-014-1093-2
354	Reddy C.B.R., Reddy S.R., Naidu S.	Chemoselective Oxidation of Benzyl, Amino, and Propargyl Alcohols to Aldehydes and Ketones under Mild Reaction Conditions	ChemistryOpen	4	2	107	110	2.21	https://doi.org/10.1016/j.jtemb.2015.01.003
355	Deshmukh K., Joshi G.M.	Embedded capacitor applications of graphene oxide reinforced poly(3,4-ethylenedioxythiophene)-tetramethacrylate (PEDOT-TMA) composites	Journal of Materials Science: Materials in Electronics	26	8	5896	5909	2.2	https://doi.org/10.1186/s12967-015-0665-z
356	Sai Krishna N., Kaleemulla S., Amarendra G., Madhusudhana Rao N., Krishnamoorthi C., Omkaram I., Sreekantha Reddy D.	Structural, optical and magnetic properties of Cr doped In2O3 powders and thin films	Journal of Materials Science: Materials in Electronics	26	11	8635	8643	2.2	https://doi.org/10.1631/jzus.A1200260
357	Khutia M., Joshi G.M.	Dielectric relaxation of PVC/PMMA/NiO blends as a function of DC bias	Journal of Materials Science: Materials in Electronics	26	7	5475	5488	2.2	https://doi.org/10.5812/jjm.23567
358	Sohail M., Shakeel S., Kumari S., Bharti A., Zahid F., Anwar S., Singh K.P., Islam M., Sharma A.K., Lata S., Ali V., Adak T., Das P., Raziuddin M.	Prevalence of malaria infection and risk factors associated with anaemia among pregnant women in semiurban community of Hazaribag, Jharkhand, India	BioMed Research International	2015	-	-	-	2.2	https://doi.org/10.3837/tiis.2015.09.012
359	Iyer V.V.	Small molecules for immunomodulation in cancer: A review	Anti-Cancer Agents in Medicinal Chemistry	15	4	433	452	2.18	https://doi.org/10.1021/acs.langmuir.5b02266
360	Dhamodaran K., Subramani M., Jeyabalan N., Ponnalagu M., Chevour P., Shetty R., Matalia H., Shetty R., Prince S.E., Das D.	Characterization of ex vivo cultured limbal, conjunctival, and oral mucosal cells: A comparative study with implications in transplantation medicine	Molecular Vision	21	-	828	845	2.17	https://doi.org/10.1021/acs.langmuir.5b00491

361	Bhattar, Shikha; Siva, R.; Seethapathy, S.; Kumar, U. Santhosh; Shaanker, R. Uma; Ravikanth, G.	DNA barcoding of dye-yielding plants from South India	GENOME	58	5	196	196	2.15	https://doi.org/10.1111/lam.12430
362	Verma K., Ramanathan K.	Exploring the impact of F270V mutation in the Î²-tubulin (Bos Taurus) structure and its function: a computational perspective	Biotechnology Letters	37	5	1003	1011	2.15	-
363	Preethi B., Shanthi V., Ramanathan K.	Investigation of Nalidixic Acid Resistance Mechanism in Salmonella enterica Using Molecular Simulation Techniques	Applied Biochemistry and Biotechnology	177	2	528	540	2.14	https://doi.org/10.1080/10641019X.2014.954655
364	Abraham J., Silambarasan S.	Plant Growth Promoting Bacteria Enterobacter asburiae JAS5 and Enterobacter cloacae JAS7 in Mineralization of Endosulfan	Applied Biochemistry and Biotechnology	175	7	3336	3348	2.14	https://doi.org/10.1016/j.matdes.2014.11.026
365	Chakraborty C., Doss C.G.P., Bhatia R., Agoramoorthy G.	Profiling of Phosphatidylinositol 3-Kinase (PI3K) Proteins in Insulin Signaling Pathway	Applied Biochemistry and Biotechnology	175	7	3431	3446	2.14	https://doi.org/10.1016/j.matdes.2014.12.032
366	Sarveswari S., Vijayakumar V., Siva R., Priya R.	Synthesis of 4-hydroxy-2(1h)-quinolone derived chalcones, pyrazolines and their antimicrobial, in silico antimalarial evaluations	Applied Biochemistry and Biotechnology	175	1	43	64	2.14	https://doi.org/10.1016/j.matdes.2015.08.075
367	Ghosh M., Sodhi S.S., Kim J.H., Kim N.E., Mongre R.K., Sharma N., Kim S.-W., Oh S.J., Pulicherla K.K., Jeong D.K.	An Integrated In Silico Approach for the Structural and Functional Exploration of Lipocalin 2 and its Functional Insights with Metalloproteinase 9 and Lipoprotein Receptor-Related Protein 2	Applied Biochemistry and Biotechnology	176	3	712	729	2.14	https://doi.org/10.1016/j.matdes.2014.10.084
368	Srinivasan R., Kumar V.A., Kumar D., Ramesh N., Babu S., Gothandam K.M.	Effect of Dissolved Inorganic Carbon on Î²-Carotene and Fatty Acid Production in Dunaliella sp	Applied Biochemistry and Biotechnology	175	6	2895	2906	2.14	https://doi.org/10.1080/10426914.2015.1025973

369	Roopan, Selvaraj Mohana; Kumar, Subramanian Hari Subbish; Madhumitha, Gunabalan; Suthindhiran, Krishnamurthy	Biogenic-Production of SnO2 Nanoparticles and Its Cytotoxic Effect Against Hepatocellular Carcinoma Cell Line (HepG2)	Applied Biochemistry and Biotechnology	175	3	1567	1575	2.14	https://doi.org/10.1080/10426914.2014.994758
370	Prasath R., Bhavana P., Sarveswari S., Ng S.W., Tiekink E.R.T.	Efficient ultrasound-assisted synthesis, spectroscopic, crystallographic and biological investigations of pyrazole-appended quinolinyl chalcones	Journal of Molecular Structure	1081	-	201	210	2.12	https://doi.org/10.1080/10426914.2015.1070415
371	Arul Mary J., Judith Vijaya J., Dai J.H., Bououdina M., John Kennedy L., Song Y.	Experimental and DFT studies of structure, optical and magnetic properties of (Zn1-2xCexCox)O nanopowders	Journal of Molecular Structure	1084	-	155	164	2.12	https://doi.org/10.1016/j.matchar.2015.03.006
372	Ragupathi C., Judith Vijaya J., Thinesh Kumar R., John Kennedy L.	Selective liquid phase oxidation of benzyl alcohol catalyzed by copper aluminate nanostructures	Journal of Molecular Structure	1079	-	182	188	2.12	https://doi.org/10.1016/j.matchemphys.2015.03.056
373	Theophil Anand G., John Kennedy L., Aruldoss U., Judith Vijaya J.	Structural, optical and magnetic properties of Zn1-xMnxAl2O4 (0 <= x <= 0.5) spinel nanostructures by one-pot microwave combustion technique	Journal of Molecular Structure	1084	-	244	253	2.12	https://doi.org/10.1016/j.matchemphys.2015.02.012
374	Suresh T., Sarveswari S., Arul Murugan N., Vijayakumar V., Iniyavan P., Srikanth A., Jasinski J.P.	Synthesis, spectral characterization and DFT analysis for the validation of 2, 6 diaryl - piperidin-4-ones as potential sunscreens and UV filters	Journal of Molecular Structure	1099	-	560	566	2.12	https://doi.org/10.1016/j.matchemphys.2015.10.058
375	Vijayachamundeeswari S.P., Yagna Narayana B., Jone Pradeepa S., Sundaraganesan N.	Vibrational analysis, NBO analysis, NMR, UV-VIS, hyperpolarizability analysis of Trimethadione by density functional theory	Journal of Molecular Structure	1099	-	633	643	2.12	https://doi.org/10.1016/j.matchemphys.2016.01.024
376	Sherly E.D., Vijaya J.J., Kennedy L.J.	Effect of CeO<inf>2</inf> coupling on the structural, optical and photocatalytic properties of ZnO nanoparticle	Journal of Molecular Structure	1099	-	114	125	2.12	https://doi.org/10.1016/j.matlet.2015.05.086

377	Sabari S., Porsezian K., Murali R.	Modulational and oscillatory instabilities of Bose-Einstein condensates with two- And three-body interactions trapped in an optical lattice potential	Physics Letters, Section A: General, Atomic and Solid State Physics	379	4	299	307	2.09	https://doi.org/10.1016/j.matlet.2015.01.002
378	Rajakumar G., Rahuman A.A., Roopan S.M., Chung I.-M., Anbarasan K., Karthikeyan V.	Efficacy of larvicidal activity of green synthesized titanium dioxide nanoparticles using Mangifera indica extract against blood-feeding parasites	Parasitology Research	114	2	571	581	2.07	https://doi.org/10.1016/j.matlet.2015.09.085
379	Subashini R., Angajala G., Aggile K., Nawaz Khan F.	Microwave-assisted solid acid-catalyzed synthesis of quinolinyl quinolinones and evaluation of their antibacterial, antioxidant activities	Research on Chemical Intermediates	41	7	4899	4912	2.06	https://doi.org/10.1590/1516-1439.269714
380	Krishnakumar V., Khan F.-R.N., Mandal B.K., Jeong E.-D., Jin J.S.	Montmorillonite-KSF-catalyzed synthesis of 4-heteroarylidene-N-arylhomophthalimides by Knoevenagel condensation	Research on Chemical Intermediates	41	8	5509	5519	2.06	https://doi.org/10.1016/j.materresbull.2014.10.065
381	Rajesh K., Iniyavan P., Venkatesh M., Palakshi Reddy B., Balaji G.L., Sarveswari S., Vijayakumar V.	Regioselective synthesis of novel 2-chloroquinoline-based methyl 4-(4-hydroxyphenyl)-2-methyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylates	Research on Chemical Intermediates	41	3	1315	1325	2.06	https://doi.org/10.1016/j.msea.2015.05.004
382	Rambabu G., Palakshi Reddy B., Kiran Y.B., Vijayakumar V., Barbosa L.C.A.	Simple and efficient synthesis of 4-arylamino-1,3-dioxanes in aqueous medium: A new route for the Prins reaction	Research on Chemical Intermediates	41	11	8441	8450	2.06	https://doi.org/10.1016/j.msea.2015.03.072
383	Balaji G.L., Sarveswari S., Vijayakumar V.	Synthesis of diversely substituted adamantanes as a new class of antimicrobial agent	Research on Chemical Intermediates	41	9	6765	6776	2.06	https://doi.org/10.1016/j.mseb.2014.10.002
384	Balaji G.L., Rajesh K., Janardhan R., Vijayakumar V.	Synthesis of novel 9-((arylidene)hydrazono)-2,4,6,8-tetrakis(4-methoxyphenyl)-3,7-diazabicyclo[3.3.1]nonane azines as potential antibacterial agents	Research on Chemical Intermediates	41	9	6497	6509	2.06	https://doi.org/10.1016/j.msec.2015.01.012

385	Manivel P., Prabakaran K., Suneel Y., Ghouse S.M., Vivek P.M., Ubba E., Pugazhenthi I., Khan F.-R.N.	Synthesis, structure determination, and antioxidant activity of novel 1-pyrazolyl-3-substituted isoquinolines, 1-pyrrolyl 3-substituted isoquinolin-1-amine, and 1-pyrazolonyl-substituted isoquinolines	Research on Chemical Intermediates	41	4	2081	2094	2.06	https://doi.org/10.1016/j.msec.2015.01.027
386	Roopan S.M., Palaniraja J.	Synthetic journey towards transition metal-free arylations	Research on Chemical Intermediates	41	11	8111	8146	2.06	https://doi.org/10.1016/j.mssp.2015.02.001
387	Venkatesan K., Satyanarayana V.S.V., Mohanapriya K., Khora S.S., Sivakumar A.	Ultrasound-mediated synthesis of phenothiazine derivatives and their in vitro antibacterial and antioxidant studies	Research on Chemical Intermediates	41	2	595	607	2.06	https://doi.org/10.1016/j.mssp.2015.01.007
388	Palakshi Reddy B., Sarveswari S., Vijayakumar V.	Ultrasound-mediated, uranyl nitrate hexahydrate-catalyzed synthesis of 1,4-dihydropyridines under mild conditions	Research on Chemical Intermediates	41	9	6877	6883	2.06	https://doi.org/10.1016/j.mssp.2015.06.002
389	Prince Jebadass Isaac C., Sivakumar A., Kamil M.S.M.	Crab shell-treated custard apple shell for the removal of lead (II) and cadmium (II) from paint industry effluent: Kinetic, thermodynamics and equilibrium studies	Research on Chemical Intermediates	41	2	609	622	2.06	https://doi.org/10.1016/j.mssp.2015.02.045
390	Bharathi A., Mohana Roopan S., Rahuman A.A., Rajakumar G.	(E)-2-Benzylidene-7-chloro-9-phenyl-3,4-dihydroacridin-1(2H)-ones: Synthesis and larvicidal activity	Research on Chemical Intermediates	41	4	2453	2464	2.06	https://doi.org/10.1155/2015/673890
391	Iniyavan P., Sarveswari S., Vijayakumar V.	Microwave-assisted clean synthesis of xanthenes and chromenes in [bmim][PF6] and their antioxidant studies	Research on Chemical Intermediates	41	10	7413	7426	2.06	
392	Khutia M., Joshi G.M., Deshmukh K., Pandey M.	Preparation of modified polymer blend and electrical performance	Composite Interfaces	22	3	167	178	2.03	
393	Saha M., Tambe P., Pal S., Kubade P., Manivasagam G., Anthony Xavior M., Umashankar V.	Effect of non-ionic surfactant assisted modification of hexagonal boron nitride nanoplatelets on the mechanical and thermal properties of epoxy nanocomposites	Composite Interfaces	22	7	611	627	2.03	https://doi.org/10.1016/j.matcom.2014.08.004
394	Prabaharan S.R.S., Anslin Star R., Kulkarni A.R., Michael M.S.	Nano-composite LiMnPO4 as new insertion electrode for electrochemical supercapacitors	Current Applied Physics	15	12	1624	1633	2.01	https://doi.org/10.1016/j.measurement.2015.02.004

395	Mekata T., Satoh J., Inada M., Dinesh S., Harsha P., Itami T., Sudhakaran R.	Development of simple, rapid and sensitive detection assay for grouper nervous necrosis virus using real-time loop-mediated isothermal amplification	Journal of Fish Diseases	38	10	873	879	2.004	https://doi.org/10.1016/j.ymssp.2014.08.007
396	Priya R., Siva R.	Analysis of phylogenetic and functional diverge in plant nine-cis epoxycarotenoid dioxygenase gene family	Journal of Plant Research	128	4	519	534	2	-
397	Adinaveen T., John Kennedy L., Judith Vijaya J., Sekaran G.	Surface and porous characterization of activated carbon prepared from pyrolysis of biomass (rice straw) by two-stage procedure and its applications in supercapacitor electrodes	Journal of Material Cycles and Waste Management	17	4	736	747	2	https://aapm.onlinelibrary.wiley.com/doi/abs/10.1118/1.4925014
398	Mohan S., Thiagarajan K., Chandrasekaran R.	In vitro evaluation of antiproliferative effect of ethyl gallate against human oral squamous carcinoma cell line KB	Natural Product Research	29	4	366	369	2	http://adsabs.harvard.edu/abs/2015MedPh..42R3494S
399	Ayyathan D.M., Chandrasekaran R., Thiagarajan K.	Neuroprotective effect of Brahmi, an ayurvedic drug against oxidative stress induced by methyl mercury toxicity in rat brain mitochondrial-enriched fractions	Natural Product Research	29	11	1046	1051	2	https://aapm.onlinelibrary.wiley.com/doi/abs/10.1118/1.4925082
400	Choudhary R., Koppala S., Srivastava A., Sasikumar S.	In-vitro bioactivity of nanocrystalline and bulk larnite/chitosan composites: comparative study	Journal of Sol-Gel Science and Technology	74	3	631	640	1.99	-
401	Prasanth V.G., Prasad G., Kiran T., Rathore R.S., Pathak M., Sathiyanarayanan K.I.	Synthesis, spectral characterization and crystal structure of a new precursor [(CH3COCHCOCH3)2Zr{C6H4(N=CHC6H4O)2}] for nano-zirconia: an investigation on the wettability of polyvinylidene fluorideâââ€š¬ââ,¬Å“nano-zirconia composite material	Journal of Sol-Gel Science and Technology	76	1	195	203	1.99	https://www.ingentaconnect.com/content/ben/mc/2015/00000011/00000008/art00012
402	Madhumitha, Gunabalan; Elango, Ganesh; Roopan, Selvaraj Mohana	Bio-functionalized doped silver nanoparticles and its antimicrobial studies	Journal of Sol-Gel Science and Technology	73	2	476	483	1.99	https://doi.org/10.1007/s10004-014-1234-3

403	Devendranath Ramkumar K., Kumar P.S.G., Sai Radhakrishna V., Kothari K., Sridhar R., Arivazhagan N., Kuppan P.	Studies on microstructure and mechanical properties of keyhole mode Nd:YAG laser welded Inconel 625 and duplex stainless steel, SAF 2205	Journal of Materials Research	30	21	3288	3298	1.98	https://doi.org/10.1007/s00044-014-1153-3
404	Devendranath Ramkumar K., Chaitanya G., Narasimha Varma J.L., Choudhary A., Arivazhagan N., Oyyaravelu R.	Studies on the weldability, microstructure and mechanical properties of flux assisted Nd:YAG laser welds of AISI 904L	Journal of Materials Research	30	15	2369	2379	1.98	https://doi.org/10.1016/j.micres.2015.06.010
405	Devendranath Ramkumar K., Choudhary A., Aggarwal S., Srivastava A., Harsha Mohan T., Arivazhagan N.	Characterization of microstructure and mechanical properties of continuous and pulsed current gas tungsten arc welded superaustenitic stainless steel	Journal of Materials Research	30	10	1727	1746	1.98	https://doi.org/10.1134/S0026261715020162
406	Chan F.Y.M., Mudhana G., Shum P.	Comparison of bandwidth and sensitivity of long-period gratings in single-mode and few-mode fibers	Applied Optics	54	21	6558	6565	1.97	https://doi.org/10.1016/j.mejo.2015.10.008
407	Balaji S., Kalaivani T., Rajasekaran C., Shalini M., Vinodhini S., Priyadharshini S.S., Vidya A.G.	Removal of heavy metals from tannery effluents of Ambur industrial area, Tamilnadu by Arthrospira (Spirulina) platensis	Environmental Monitoring and Assessment	187	6	1	10	1.96	https://doi.org/10.1002/mop.29422
408	Prabu K., Kumar D.S.	MIMO free-space optical communication employing coherent BPOLSK modulation in atmospheric optical turbulence channel with pointing errors	Optics Communications	343	-	188	194	1.96	https://doi.org/10.1002/mop.28909
409	Geethakrishnan T., Sakthivel P., Palanisamy P.K.	Triphenylmethane dye-doped gelatin films for low-power optical phase-conjugation	Optics Communications	335	-	218	223	1.96	http://mat76.mat.uni-miskolc.hu/mnotes/article/1215

410	Ramachandran P., Alex Z.C., Nelleri A.	Compressive Fresnel digital holography using Fresnelet based sparse representation	Optics Communications	340	-	110	115	1.96	https://doi.org/10.1142/S0217984915501766
411	Narasimha Reddy M., Cheralathan K.K., Sasikumar S.	In vitro bioactivity and drug release kinetics studies of mesoporous silica-biopolymer composites	Journal of Porous Materials	22	6	1465	1472	1.95	https://doi.org/10.1007/s11010-015-2462-7
412	Narayanan S., Vijaya J.J., Sivasanker S., Kennedy L.J., Kathirgamanathan P., Azhagu Raj R.	Synthesis of hierarchical ZSM-5 hexagonal cubes and their catalytic activity in the solvent-free selective oxidation of toluene	Journal of Porous Materials	22	4	907	918	1.95	https://doi.org/10.1016/j.mce.2015.07.012
413	Satya Narayana P.V.	Effects of variable permeability and radiation absorption on magnetohydrodynamic (MHD) mixed convective flow in a vertical wavy channel with traveling thermal waves	Propulsion and Power Research	4	3	150	160	1.93	https://doi.org/10.3103/S0891416815040023
414	Vijayaraghavan G., Shanthakumar S.	Efficacy of alginate extracted from marine brown algae (sargassum sp.) as a coagulant for removal of direct blue2 dye from aqueous solution	Global Media Journal	17	4	716	726	1.93	https://doi.org/10.1002/minf.201400070
415	Varghese J.T., Ghosh S., Pandey S., Samanta R.	Evaluating the cleansing efficiency of an extended living faÃ§ade draped with vernonia elaeagnifolia	Journal of Green Building	10	2	157	177	1.93	https://doi.org/10.1007/s12035-014-8903-6
416	Paul G.C., SenthilKumar S.	Exploration on initial structures of extrasolar protoplanets via new explicit RKAHeM(4,4) method	Egyptian Journal of Remote Sensing and Space Science	18	1	1	8	1.93	https://doi.org/10.1094/MPMI-01-15-0021-R
417	Selvi A., Das D., Das N.	Potentiality of yeast Candida sp. SMN04 for degradation of cefdinir, a cephalosporin antibiotic: Kinetics, enzyme analysis and biodegradation pathway	Environmental Technology	36	24	3112	3124	1.92	https://www.researchgate.net/profile/Nallathambi_Jeyabalan/publication/280613803_Characterization_of_ex_vivo_cultured_limbal_conjunctival_and_oral_mucosal_cells_A_comparative_study_with_implications_in_transplantation_medicine/links/55c1995008ae092e96685086.pdf

418	Parasuraman P., Murugan V., Selvin J.F.A., Gromiha M.M., Fukui K., Veluraja K.	Theoretical investigation on the glycan-binding specificity of Agrocybe cylindracea galectin using molecular modeling and molecular dynamics simulation studies	Journal of Molecular Recognition	28	9	528	538	1.92	https://doi.org/10.3390/molecules201019221
419	Prasanna R.R., Kamalanathan A.S., Vijayalakshmi M.A.	Development of L-histidine immobilized CIMÂ® monolithic disks for purification of immunoglobulin G	Journal of Molecular Recognition	28	3	129	141	1.92	https://doi.org/10.1007/s40009-014-0334-4
420	Clement J.C., Emmanuel D.S., Winston J.J.	Improving sensing and throughput of the cognitive radio network	Circuits, Systems, and Signal Processing	34	-	249	267	1.92	https://doi.org/10.1007/s11069-015-1816-5
421	Mohanaprasad K., Arulmozhivarman P.	Wavelet-Based ICA Using Maximum Likelihood Estimation and Information-Theoretic Measure for Acoustic Echo Cancellation During Double Talk Situation	Circuits, Systems, and Signal Processing	34	12	3915	3931	1.92	https://doi.org/10.1007/s11069-015-1587-z
422	Sravanthi T.V., Manju S.L.	Synthesis and Fluorescence Properties of Novel indol-3yl-thiazolo[3,2-a][1,3,5]triazines and indole-3-carbaldehyde Schiff Bases	Journal of Fluorescence	25	6	1727	1738	1.91	https://doi.org/10.1080/14786419.2014.942303
423	Lakshmipriya M., Ezhil Vizhi R., Rajan Babu D.	Growth and characterization of maleic acid single crystal	Optik	126	23	4259	4262	1.91	https://doi.org/10.1080/14786419.2014.968153
424	Ezhil Vizhi R., Yogambal C., Rajan Babu D.	Influence of sodium formate in Î³-glycine single crystals - Synthesis, growth and characterization	Optik	126	1	77	80	1.91	http://ndt.oxfordjournals.org/content/30/suppl_3/iii227.1
425	Revathi S., Inabathini S.R., Pal J.	Pressure and temperature sensor based on a dual core photonicquasi-crystal fiber	Optik	126	22	3395	3399	1.91	https://academic.oup.com/ndt/article/30/suppl_3/iii135/2512022
426	Prabu K., Rajendran R., Kumar D.S.	Spectrum analysis of radio over free space optical communications systems through different channel models	Optik	126	43080	1142	1145	1.91	-
427	Christina E., Viswanathan P.	Development of a novel nano-biosorbent for the removal of fluoride from water	Chinese Journal of Chemical Engineering	23	6	924	933	1.91	https://doi.org/10.1007/s00521-014-1771-1
428	Bag S., Ramaiah S., Anbarasu A.	Fabp4 is central to eight obesity associated genes: A functional gene network-based polymorphic study	Journal of Theoretical Biology	364	-	344	354	1.88	https://doi.org/10.14311/NNW.2015.25.027

429	Agrahari A., George Priya Doss C.	Impact of I30T and I30M substitution in MPZ gene associated with Dejerine-Sottas syndrome type B (DSSB): A molecular modeling and dynamics	Journal of Theoretical Biology	382	-	23	33	1.88	https://doi.org/10.1007/s10441-014-9241-9
430	Samui P., Kim D., Viswanathan R.	Spatial variability of rock depth using adaptive neuro-fuzzy inference system (ANFIS) and multivariate adaptive regression spline (MARS)	Environmental Earth Sciences	73	8	4265	4272	1.87	https://doi.org/10.1039/c5nj01914a
431	Samui P., Kim D., Hariharan R.	Determination of seismic liquefaction potential of soil based on strain energy concept	Environmental Earth Sciences	74	7	5581	5585	1.87	https://doi.org/10.1039/c4nj01722f
432	Arul Mary J., Judith Vijaya J., Bououdina M., John Kennedy L., Daie J.H., Song Y.	Investigation of structural, surface morphological, optical properties and first-principles study on electronic and magnetic properties of (Ce, Fe)-co doped ZnO	Physica B: Condensed Matter	456	-	344	354	1.87	https://doi.org/10.1016/j.nutres.2015.08.001
433	Sai Krishna N., Kaleemulla S., Amarendra G., Madhusudhana Rao N., Krishnamoorthi C., Rigana Begam M., Omkaram I., Sreekantha Reddy D.	Room temperature ferromagnetism in (In1-xNix)2O3 thin films	Physica B: Condensed Matter	466-467	-	6	10	1.87	http://www.eurekaselect.com/126853/article
434	Manikandan M., Arivazhagan N., Nageswara Rao M., Madhusudhan Reddy G.	Improvement of microstructure and mechanical behavior of gas tungsten arc weldments of alloy C-276 by current pulsing	Acta Metallurgica Sinica (English Letters)	28	2	208	215	1.83	https://doi.org/10.1128/AAC.00098-15
435	Devendranath Ramkumar K., Jagat Sai R., Sridhar G., Santhosh Reddy V., Prabaharan P., Arivazhagan N., Sivashanmugham N.	Influence of filler metals in the control of deleterious phases during the multi-pass welding of Inconel 718 plates	Acta Metallurgica Sinica (English Letters)	28	2	196	207	1.83	https://doi.org/10.5277/oa150102

436	Isaac A.E., Sinha S.	Analysis of coreâââ€š¬ââ,¬Å“periphery organization in protein contact networks reveals groups of structurally and functionally critical residues	Journal of Biosciences	40	4	683	699	1.82	https://doi.org/10.1016/j.optmat.2015.06.001
437	Aiko V., Mehta A.	Occurrence, detection and detoxification of mycotoxins	Journal of Biosciences	40	5	943	954	1.82	https://doi.org/10.1016/j.optmat.2015.02.016
438	Quadras, Jasintha; Mahizl, A. Sajiya Merlin; Rajasingh, Indra; Rajan, R. Sundara	Domination in certain chemical graphs	Journal of Mathematical Chemistry	53	1	207	219	1.81	https://doi.org/10.1016/j.optmat.2015.05.029
439	Varghese T.A., Jayasri M.A., Suthindhiran K.	Marine Actinomycetes as potential source for histone deacetylase inhibitors and epigenetic modulation	Letters in Applied Microbiology	61	1	69	76	1.81	https://doi.org/10.1016/j.optlastec.2015.04.023
440	Choppa T., Selvaraj C.I., Zachariah A.	Evaluation and Characterization of Malabar Tamarind [Garcinia cambogia (Gaertn.)Â Desr.] Seed Oil	Journal of Food Science and Technology	52	9	5906	5913	1.797	https://doi.org/10.1016/j.optcom.2015.01.012
441	Selvarajan E., Mohanasrinivasan V.	Kinetic studies on exploring lactose hydrolysis potential of Î² galactosidase extracted from Lactobacillus plantarum HF571129	Journal of Food Science and Technology	52	10	6206	6217	1.797	https://doi.org/10.1016/j.optcom.2014.09.033
442	Ramya L.N., Pulicherla K.K.	Molecular insights into cold active polygalacturonase enzyme for its potential application in food processing	Journal of Food Science and Technology	52	9	5484	5496	1.797	https://doi.org/10.1016/j.optcom.2014.11.043
443	Suganthi V., Mohanasrinivasan V.	Optimization studies for enhanced bacteriocin production by Pediococcus pentosaceus KC692718 using response surface methodology	Journal of Food Science and Technology	52	6	3773	3783	1.797	https://doi.org/10.1016/j.ijleo.2015.08.126
444	Krishnanunni K., Senthilvel P., Ramaiah S., Anbarasu A.	Study of chemical composition and volatile compounds along with in-vitro assay of antioxidant activity of two medicinal rice varieties: Karungkuravai and Mappilai samba	Journal of Food Science and Technology	52	5	2572	2584	1.797	https://doi.org/10.1016/j.ijleo.2014.08.151
445	George V.C., Kumar D.R.N., Suresh P.K., Kumar R.A.	Antioxidant, DNA protective efficacy and HPLC analysis of Annona muricata (soursop) extracts	Journal of Food Science and Technology	52	4	2328	2335	1.797	https://doi.org/10.1016/j.ijleo.2015.07.141

446	Panda P., Aiko V., Mehta A.	Effect of aqueous extracts of Mentha arvensis (mint) and Piper betle (betel) on growth and citrinin production from toxigenic Penicillium citrinum	Journal of Food Science and Technology	52	6	3466	3474	1.797	https://doi.org/10.1016/j.ijleo.2015.03.017
447	Subathra Devi C., Saini A., Rastogi S., Jemimah Naine S., Mohanasrinivasan V.	Strain improvement and optimization studies for enhanced production of erythromycin in bagasse based medium using Saccharopolyspora erythraea MTCC 1103	3 Biotech	5	1	23	31	1.79	https://www.researchgate.net/profile/Dr_Krishnaiah/publication/286242805_EPR_and_magnetic_properties_of_vapour_phase_grown_Cd_1-x_Fe_x_Te_single_crystals/links/59038720aca272116d2faff6/EPR-and-magnetic-properties-of-vapour-phase-grown-Cd-1-x-Fe-x-Te-single-crystals.pdf
448	Roy S., Chandni S., Das I., Karthik L., Kumar G., Bhaskara Rao K.V.	Aquatic model for engine oil degradation by rhamnolipid producing Nocardiopsis VITSISB	3 Biotech	5	2	153	164	1.79	https://www.researchgate.net/publication/283518045_Experimental_analysis_of_optical_wireless_system_in_LOS_link_using_BPSK
449	Balakrishnan L., Gokul Raj S., Meher S.R., Asokan K., Alex Z.C.	Impact of 100Â MeV Ag7+ SHI irradiation fluence and N incorporation on structural, optical, electrical and gas sensing properties of ZnO thin films	Applied Physics A: Materials Science and Processing	119	4	1541	1553	1.78	https://www.researchgate.net/publication/283477685_Quasi_phase_matched_second_harmonic_generation_using_five_fold_symmetric_photonic_quasi_crystal_fiber
450	Arthy M., Phanikumar B.R.	Immobilization of Chromium in Tannery Sludge Using Iron-Based Nanoparticles and Nanobiocomposites	Water, Air, and Soil Pollution	226	7	-	-	1.77	https://www.researchgate.net/publication/287219162_Characteristic_study_of_Erbium_Er_Ytterbium_Yb_and_Er-Yb_Co-doped_Optical_fiber_amplifiers

451	Murali K.S., Sivasubramanian S., Vincent S., Murugan S.B., Giridaran B., Dinesh S., Gunasekaran P., Krishnasamy K., Sathishkumar R.	Anti-chikungunya activity of luteolin and apigenin rich fraction from Cynodon dactylon	Asian Pacific Journal of Tropical Medicine	8	5	352	358	1.77	https://doi.org/10.1016/j.oraloncology.2015.04.006
452	Pervin, Shamim-Ara; Prabu, Arun Anand; Kim, Kap Jin; Lee, Yong Taek	Preparation and Evaluation of Poly(vinylidene fluoride)-Sulfonated Poly(1,4-phenylene Sulfide) based Membranes with Improved Hydrophilicity	Macromolecular Research	23	1	86	93	1.76	https://www.researchgate.net/profile/Cijo_Vazhappilly/publication/270288630_Cancer-specific_chemoprevention_and_anti-metastatic_potentials_of_Rheum_emodi_rhizome_ethyl_acetate_extracts_and_identification_of_active_principles_through_HPLC_and_GC-MS_analysis/links/56fc17d308ae8239f6dc4495.pdf
453	Mohanty A., Srivastava V.K.	Tribological Behavior of Particles and Fiber-Reinforced Hybrid Nanocomposites	Tribology Transactions	58	6	1142	1150	1.76	https://doi.org/10.1007/s00436-014-4219-8
454	Kumar S.V., Vanajakshi L.	Short-term traffic flow prediction using seasonal ARIMA model with limited input data	European Transport Research Review	7	3	-	-	1.73	https://doi.org/10.1080/02726351.2015.1008079
455	Verma R., Jayaprakash N.S., Vijayalakshmi M.A., Venkataraman K.	Novel monoclonal antibody against truncated C terminal region of Histidine Rich Protein2 (PfHRP2) and its utility for the specific diagnosis of malaria caused by Plasmodium falciparum	Experimental Parasitology	150	-	56	66	1.72	https://doi.org/10.1016/j.apaconst.2015.04.004
456	Samuel B., Ethiraj K.R., Pathak M.	Moisture stable heteroleptic titanium (IV) complexes derived from 8-hydroxyquinoline: Synthesis, antibacterial, and antifungal studies	Medicinal Chemistry Research	24	4	1504	1513	1.72	https://doi.org/10.1007/s12010-015-1760-6

457	Srikanth A., Sarveswari S., Vijayakumar V., Gridharan P., Karthikeyan S.	An efficient l-proline catalyzed synthesis of pyrazolo[3,4-e][1,4]thiazepine derivatives and their in vitro cytotoxicity studies	Medicinal Chemistry Research	24	2	553	562	1.72	https://doi.org/10.1007/s12010-015-1504-7
458	Khatake S.M., Mathe V.L., Joshi G.M.	Grafting of Amine-Functionalized Multiwall Carbon Nanotubes with Free Acid Anhydride in Carboxylic Acid Modified Epoxy	Polymer - Plastics Technology and Engineering	54	8	851	860	1.71	https://doi.org/10.1007/s12010-015-1515-4
459	Deshmukh K., Ahamed M.B., Shah A.H., Pandey M., Joshi G.M.	Morphology, Ionic Conductivity, and Impedance Spectroscopy Studies of Graphene Oxide-Filled Polyvinylchloride Nanocomposites	Polymer - Plastics Technology and Engineering	54	16	1743	1752	1.71	https://doi.org/10.1007/s12010-014-1256-9
460	Khutia M., Joshi G.M., Deshmukh K., Pandey M.	Optimization of Dielectric Constant of Polycarbonate/Polystyrene Modified Blend by Ceramic Metal Oxide	Polymer - Plastics Technology and Engineering	54	4	383	389	1.71	https://doi.org/10.1007/s12010-015-1606-2
461	Chitra A., Himavathi S.	A modified neural learning algorithm for online rotor resistance estimation in vector controlled induction motor drives	Frontiers in Energy	9	1	22	30	1.7	https://doi.org/10.1007/s12010-014-1461-6
462	Saravanan B.	DSM in an area consisting of residential, commercial and industrial load in smart grid	Frontiers in Energy	9	2	211	216	1.7	https://doi.org/10.1007/s12010-014-1381-5
463	Venkatesh S., Sravani C., Steby R.R., Vijayakrishna K., Sivaramakrishna A.	Studies on reactivity of platinum-based heterobimetallic carbonyl clusters	Journal of Coordination Chemistry	68	7	1156	1166	1.69	https://doi.org/10.1134/S0003683815040002X
464	Giri Prasanth V., Kiran T., Aravindan P.G., Sathiyanarayanan K.I., Pathak M.	Synthesis, structural, and Îµ-caprolactone polymerization studies of heteroleptic derivatives of aluminum(III)	Journal of Coordination Chemistry	68	14	2480	2491	1.69	https://doi.org/10.1016/j.apcata.2015.08.032
465	Prasanth, Vuppalapati Giri; Kiran, Tummalapalli; Aravindan, Paduthapillai Gopal; Sathiyanarayanan, Kulathu Iyer; Pathak, Madhvesh	Synthesis, structural, and epsilon-caprolactone polymerization studies of heteroleptic derivatives of aluminum(III)	Journal of Coordination Chemistry	68	14	2480	2491	1.69	https://doi.org/10.1016/j.apcata.2015.01.014

466	Balaji A.P.B., Mishra P., Suresh Kumar R.S., Ashu A., Margulis K., Magdassi S., Mukherjee A., Chandrasekaran N.	The environmentally benign form of pesticide in hydrodispersive nanometric form with improved efficacy against adult mosquitoes at low exposure concentrations	Bulletin of Environmental Contamination and Toxicology	95	6	734	739	1.65	https://doi.org/10.3109/13880209.2014.910237
467	Gnanaprakasam C.N., Chitra K.	S-transform and ANFIS for detecting and classifying the vibration signals of induction motor	Journal of Intelligent and Fuzzy Systems	29	5	2073	2085	1.64	https://doi.org/10.1007/s11094-015-1300-2
468	FarkaÅ¡ R., BeÅËâ€ ovÃ¡-LiszekovÃ¡ D., MentelovÃ¡ L., Mahmood S., ÄÅ½atkovÃ¡ Z., BeÅËâ€ o M., PeÄÂÂeÅËâ€ ovÃ¡ L., RaÅ¡ka O., Å migovÃ¡ J., Chase B.A., RaÅ¡ka I., Mechler B.M.	Vacuole dynamics in the salivary glands of Drosophila melanogaster during prepupal development	Development Growth and Differentiation	57	1	74	96	1.64	https://doi.org/10.4103/0973-1296.172954
469	Subathra Devi C., Mohanasrinivasan V., Chetna M., Nikhil A.S., Jemimah Naine S.	Thermostable lipase from novel Pseudomonas sp. VITSDVM1 isolated from bovine milk	Frontiers in Life Science	8	2	165	171	1.62	https://doi.org/10.4103/0973-1296.168974
470	Unnikrishnan P.S., Suthindhiran K., Jayasri M.A.	Antidiabetic potential of marine algae by inhibiting key metabolic enzymes	Frontiers in Life Science	8	2	148	159	1.62	https://doi.org/10.1016/j.apenergy.2014.11.072
471	Sasmal S.K., Kang Y., Chattopadhyay J.	Intra-specific competition in predator can promote the coexistence of an eco-epidemiological model with strong Allee effects in prey	BioSystems	137	-	34	44	1.62	https://doi.org/10.1016/j.apenergy.2015.02.091
472	Paul M.L., Samuel J., Garg H., Bhalerao G.M., Chakravarty S., Chandrasekaran N., Mukherjee A.	Studies on photo-assisted removal of Cr(VI) by ZnO particles	Canadian Journal of Chemical Engineering	93	6	1091	1100	1.61	https://doi.org/10.1016/j.physb.2014.09.023

473	Premkumar M., Abinandan S., Sowmya V., Shanthakumar S.	Efficacy of Eleusine coracana (L.) Gaertn (Ragi) husk for adsorption of chromium(VI): A study using response surface methodology	Environmental Progress and Sustainable Energy	34	1	139	145	1.6	https://doi.org/10.1016/j.physb.2015.03.014
474	Aseer J.R., Sankaranarayanasamy K., Jayabalan P., Natarajan R., Dasan K.P.	Mechanical and water absorption properties of municipal solid waste and banana fiber-reinforced urea formaldehyde composites	Environmental Progress and Sustainable Energy	34	1	211	221	1.6	https://doi.org/10.1016/j.physe.2014.10.019
475	Peter L., Gajendiran A., Mani D., Nagaraj S., Abraham J.	Mineralization of malathion by Fusarium oxysporum strain JASA1 isolated from sugarcane fields	Environmental Progress and Sustainable Energy	34	1	112	116	1.6	https://doi.org/10.1039/c5cp01703c
476	Vijayaraghavan G., Shanthakumar S.	Removal of sulphur black dye from its aqueous solution using alginate from Sargassum sp. (Brown algae) as a coagulant	Environmental Progress and Sustainable Energy	34	5	1427	1434	1.6	https://doi.org/10.1039/c5cp00682a
477	Narendar R., Dasan K.P.	Development of coir pith based hybrid composite panels with enhanced water resistant behavior	Environmental Progress and Sustainable Energy	34	5	1481	1487	1.6	https://doi.org/10.1016/j.physleta.2013.12.047
478	Thirugnanasambantham K., Durairaj S., Saravanan S., Karikalan K., Muralidaran S., Islam V.I.H.	Role of Ethylene Response Transcription Factor (ERF) and Its Regulation in Response to Stress Encountered by Plants	Plant Molecular Biology Reporter	33	3	347	357	1.6	https://doi.org/10.1007/s11105-014-0799-9
479	Aswani Kumar C., Ishwarya M.S., Loo C.K.	Formal concept analysis approach to cognitive functionalities of bidirectional associative memory	Biologically Inspired Cognitive Architectures	12	-	20	33	1.6	https://doi.org/10.1007/s00253-014-6112-x
480	Palaniappan S., Chellan K.	Energy-efficient stable routing using QoS monitoring agents in MANET	Eurasip Journal on Wireless Communications and Networking	2015	1	1	11	1.59	https://doi.org/10.1007/s11468-014-9862-5
481	Josh Kumar J.M.S.P., Kathirvel A., Kirubakaran N., Sivaraman P., Subramaniam M.	A unified approach for detecting and eliminating selfish nodes in MANETs using TBUT	Eurasip Journal on Wireless Communications and Networking	2015	1	-	-	1.59	https://doi.org/10.1371/journal.pone.0133012

482	Dutt A., Godavarthi S., Matsumoto Y., Santana-RodrÃ-guez G., Avil A., SÃ¡nchez V., Raina G.	Hw-cvd deposited nanocrystalline silicon thin films at low substrate temperature with white-blue luminescence	Current Nanoscience	11	5	621	626	1.59	https://doi.org/10.1371/journal.pone.0117577
483	Edwin Sudhagar P., Ananda Babu A., Vasudevan R., Jeyaraj P.	Vibration analysis of a tapered laminated thick composite plate with ply drop-offs	Archive of Applied Mechanics	85	7	969	990	1.58	https://doi.org/10.1371/journal.pone.0134796
484	Thirugnanasambantham K., Saravanan S., Karikalan K., Bharanidharan R., Lalitha P., Ilango S., Hairulislam V.I.	Identification of evolutionarily conserved Momordica charantia microRNAs using computational approach and its utility in phylogeny analysis	Computational Biology and Chemistry	58	-	25	39	1.58	https://doi.org/10.1371/journal.pone.0116884
485	Sivakumar N., Kanagathara N., Bhagavannarayana G., Kalainathan S., Anbalagan G.	Growth, crystalline perfection, optical, thermal, laser damage threshold and electrical characterization of melaminium levulinate monohydrate single crystal	Journal of Crystal Growth	426	-	86	94	1.57	https://doi.org/10.1371/journal.pone.0133969
486	Arul H., Rajan Babu D., Ezhil Vizhi R., Bhagavannarayana G.	Investigation on nucleation kinetics, structural and dielectric properties of an organic NLO single crystal - L-Histidinium maleate (LHM)	Journal of Crystal Growth	423	-	22	27	1.57	https://doi.org/10.1371/journal.pone.0145093
487	Sumathi S., Gopal B.	In vitro degradation of multisubstituted hydroxyapatite and fluorapatite in the physiological condition	Journal of Crystal Growth	422	-	36	43	1.57	https://doi.org/10.1371/journal.pone.0134562
488	Sivanandan T., Kalainathan S.	Study on third order nonlinear optical properties of a metal organic complex - Monothiourea-cadmium Sulphate Dihydrate single crystals grown in silica gel	Journal of Crystal Growth	415	-	25	30	1.57	https://doi.org/10.1371/journal.pone.0126787
489	Jauhar R.M., Kalainathan S., Murugakoothan P.	Three dimensional organic framework of 2-amino 4, 6 dimethoxypyrimidine p-toluenesulfonic acid monohydrate: Synthesis, single crystal growth and its properties	Journal of Crystal Growth	424	-	42	48	1.57	https://doi.org/10.1371/journal.pone.0127741

490	Rasu N.G., Velusamy K., Sundararajan T., Chellapandi P.	Flow and temperature developments in a wire-wrapped fuel pin bundle of sodium cooled fast reactor during low flow conditions	Progress in Nuclear Energy	81	-	141	149	1.57	https://doi.org/10.1371/journal.pone.0118999
491	Singh M., Saurav K., Majouga A., Kumari M., Kumar M., Manikandan S., Kumaraguru A.K.	The cytotoxicity and cellular stress by temperature-fabricated polyshaped gold nanoparticles using marine macroalgae, Padina gymnospora	Biotechnology and Applied Biochemistry	62	3	424	432	1.56	https://doi.org/10.1371/journal.pone.0141301
492	Mm rashidi., R sivaraj., D mythili., Z yang	Numerical solution for thermophoresis effects on heat and mass transfer over an accelerating surface with heat source/sink	Thermal Science	21	6	2719	2730	1.54	https://doi.org/10.1364/AO.54.006558
493	Phanikumar B.R., Sreedharan R., Aniruddh C.	Swell-compressibility characteristics of lime-blended and cement-blended expansive clays âââ€š¬ââ‚¬Å“ A comparative study	Geomechanics and Geoengineering	10	2	153	162	1.53	https://doi.org/10.1007/s00339-015-9136-x
494	Phanikumar B.R., Muthukumar M.	Swelling behaviour of GPA-reinforced expansive clay beds subjected to swell-shrink cycles	Geomechanics and Geoengineering	10	4	261	270	1.53	https://doi.org/10.1016/j.poly.2015.08.011
495	Varma D., Sen D.	Role of the unfolded protein response in the pathogenesis of Parkinsonâââ€š¬ââ€žcs disease	Acta Neurobiologiae Experimentalis	75	1	1	26	1.53	https://doi.org/10.1016/j.poly.2014.12.038
496	Kumar S.V., Dogiparthi K.C., Vanajakshi L., Subramanian S.C.	Integration of exponential smoothing with state space formulation for bus travel time and arrival time prediction	Transport	32	4	358	367	1.52	https://doi.org/10.1016/j.poly.2014.08.028
497	Sekar D., Saravanan S., Karikalan K., Thirugnanasambantham K., Lalitha P., Islam V.I.H.	Role of microRNA 21 in mesenchymal stem cell (MSC) differentiation: A powerful biomarker in MSCs derived cells	Current Pharmaceutical Biotechnology	16	1	43	48	1.52	https://doi.org/10.1080/03602559.2014.979501
498	Balaji S., Kalaivani T., Rajasekaran C., Siva R., Shalini M., Das R., Madnokar V., Dhamorikar P.	Bioremediation Potential of Arthrospira platensis (Spirulina) against Chromium(VI)	Clean - Soil, Air, Water	43	7	1018	1024	1.51	https://doi.org/10.1080/03602559.2015.1050515

499	Pramod Chakravarthy P., Dinesh Kumar S., Nageshwar Rao R., Ghate D.P.	A fitted numerical scheme for second order singularly perturbed delay differential equations via cubic spline in compression	Advances in Difference Equations	2015	1	-	-	1.51	https://doi.org/10.1080/03602559.2014.961082
500	Palanisami N., Senthilkumar K., Gopalakrishnan M., Moon I.-S.	A mixed Ni(II) ionic complex containing V-shaped water trimer: Synthesis, spectral, structural and thermal properties of {[Ni(2,2ââ€š¬²-bpy)<inf>3</inf>][Ni(2-cpida)(2,2ââ€š¬² -bpy)]} (ClO<inf>4</inf>).3H<inf>2</inf>O	Journal of Chemical Sciences	127	5	873	878	1.5	https://doi.org/10.1016/j.polymdegradstab.2015.02.008
501	Budigi L., Nasina M.R., Shaik K., Amaravadi S.	Structural and optical properties of zinc titanates synthesized by precipitation method	Journal of Chemical Sciences	127	3	509	518	1.5	https://doi.org/10.1017/S0885715615000342
502	Krishnamoorthy R., Sagadevan V.	Polyethylene glycol and iron oxide nanoparticles blended polyethersulfone ultrafiltration membrane for enhanced performance in dye removal studies	E-Polymers	15	3	151	159	1.49	https://doi.org/10.1017/S0885715615000792
503	Kumar A.K.M.M.S., Rajendran S.P., Roopan S.M.	Synthesis of 3,13-dichlorobenzo[b]quino[4,3-h][1,6]naphthyridin-6(5H)-one derivatives from 2-oxoquinoline-3-carbonyl chloride and 2,6-dichloroquinolin-4-amine	Chemistry of Heterocyclic Compounds	51	4	346	349	1.49	https://doi.org/10.1016/j.powtec.2015.03.041
504	Kumar M.M.J., Satyamurty V.V.	Effect of Entry Temperature on Forced Convection Heat Transfer With Viscous Dissipation in Thermally Developing Region of Concentric Annuli	Journal of Heat Transfer	137	12	-	-	1.48	https://doi.org/10.1016/j.powtec.2015.07.010
505	Devendranath Ramkumar K., Maruthi Mohan Reddy P., Raja Arjun B., Choudhary A., Srivastava A., Arivazhagan N.	Effect of Filler Metals on the Weldability and Mechanical Properties of Multi-pass PCGTA Weldments of AISI 316L	Journal of Materials Engineering and Performance	24	4	1602	1613	1.48	https://doi.org/10.1016/j.powtec.2015.01.054
506	Mathivanan A., Senthilkumar A., Devakumaran K.	Pulsed current and dual pulse gas metal arc welding of grade AISI: 310S austenitic stainless steel	Defence Technology	11	3	269	274	1.45	https://doi.org/10.1016/j.powtec.2015.08.054

507	Chand A.K.B., Viswanathan P., Vijender N.	Bivariate shape preserving interpolation: A fractal-classical hybrid approach	Chaos, Solitons and Fractals	81	-	330	344	1.45	https://doi.org/10.1016/j.asoc.2015.05.029
508	Suseem S.R., Saral M.	Inhibition of platelet aggregation and in vitro free radical scavenging activity of dried fruiting bodies of Pleurotus eous	Chinese Journal of Integrative Medicine	21	7	530	536	1.45	https://doi.org/10.1016/j.asoc.2015.02.019
509	Reddy B.N., Reddy P.V.G., Reddy P.S., Reddy S.M., Reddy S.R.S., Pathak M.	Synthesis of new 4,5-dihydro-1-methyl-[1,2,4]triazolo[4,3-a]quinolin-7-amine-derived ureas and their anticancer activity	Synthetic Communications	45	7	831	837	1.44	https://doi.org/10.1016/j.apsusc.2015.08.017
510	Ramachandran G., Sathiyanarayanan K.I.	Domino reaction for the synthesis of highly functionalized triazatricyclo[6.2.2.01,6]dodecane	Synthetic Communications	45	6	760	767	1.44	https://doi.org/10.1016/j.apsusc.2014.11.096
511	Ramachandran G., Sathiyanarayanan K.I., Sathishkumar M., Rathore R.S., Giridharan P.	Dual Behavior of Ammonium Acetate for the Synthesis of Diverse Symmetrical/Unsymmetrical Bis[1,3]oxazines Possessing Anticancer Activity	Synthetic Communications	45	19	2227	2239	1.44	https://doi.org/10.1016/j.procbio.2015.01.025
512	Ravichandran R., Padmanabhan V., Vijayalakhsmi M.A., Jayaprakash N.S.	Studies on recovery of lactoferrin from bovine colostrum whey using mercapto ethyl pyridine and phenyl propyl amine HyperCelâââ,¬Å¾¢ mixed mode sorbents	Biotechnology and Bioprocess Engineering	20	1	148	156	1.44	https://doi.org/10.1016/j.psep.2015.05.001
513	Suresh P., Vijaya J.J., Kennedy L.J.	Synergy effect in the photocatalytic degradation of textile dyeing waste water by using microwave combustion synthesized zinc oxide supported activated carbon	Reaction Kinetics, Mechanisms and Catalysis	114	2	767	780	1.43	https://doi.org/10.1016/j.pnucene.2015.01.016
514	Penchal Reddy M., Venkata Ramana M., Madhuri W., Sadhana K., Siva Kumar K.V., Ramakrishna Reddy R.	Effects of sintering temperature on structural and electromagnetic properties of MgCuZn ferrite prepared by microwave sintering	Advances in Applied Ceramics	114	6	326	332	1.43	https://doi.org/10.1016/j.pep.2015.06.017
515	Muralidaran, Yuvashree; Viswanathan, Pragasam	Diabetic Cardiomyopathy: A New Perspective of Mechanistic Approach	JOURNAL OF DIABETES And METABOLISM	6	10	-	-	1.42	https://doi.org/10.1007/s00709-015-0776-7
516	Behera N., Agarwal V.K., Jones M., Williams K.C.	Power Spectral Density Analysis of Pressure Fluctuation in Pneumatic Conveying of Powders	Particulate Science and Technology	33	5	510	516	1.42	https://doi.org/10.1007/s00709-015-0808-3

517	Kumar M.J., Kumar R.A., Subhashree V., Jayasudha T., Hemagowri V., Koshy T., Gowrishankar K.	Class II analphoid chromosome in a child with aberrant chromosome 7: A rare cytogenetic association	Cytogenetic and Genome Research	146	2	120	123	1.42	https://doi.org/10.1016/j.aquatox.2015.02.006
518	Aswani Kumar Ch., Dias S.M., Vieira N.J.	Knowledge reduction in formal contexts using non-negative matrix factorization	Mathematics and Computers in Simulation	109	-	46	63	1.41	https://doi.org/10.1016/j.aquatox.2015.03.004
519	Ganesapillai M., Venugopal A., Ananthkrishna V., Tapankrishna N.	Influence of process parameters on sorption capacity of microwave activated biosorbents for urea recovery from human urine: A comparative study	Asia-Pacific Journal of Chemical Engineering	10	3	438	449	1.4	https://doi.org/10.1016/j.arabjc.2011.01.027
520	Raja Annamalai A., Upadhyaya A., Agrawal D.K.	Effect of heating mode and Y2O3 addition on electrochemical response on austenitic and ferritic stainless steels	Corrosion Engineering Science and Technology	50	2	91	102	1.39	https://doi.org/10.1080/1042150.2014.993633
521	Baby T., Cherukuri A.K.	On query execution over encrypted data	Security and Communication Networks	8	2	321	331	1.38	https://doi.org/10.1007/s11144-014-0799-7
522	Thanikaiselvan V., Arulmozhivarman P.	RAND - STEG: An integer wavelet transform domain digital image random steganography using knight's tour	Security and Communication Networks	8	13	2374	2382	1.38	https://doi.org/10.1016/j.rser.2015.01.059
523	Agarwal L., Satheesh A., Mohan C.G.	Numerical Investigation of Double Diffusive Mixed Convection Laminar Flow in Two Sided Lid Driven Porous Cavity	Heat Transfer - Asian Research	44	4	305	323	1.37	https://doi.org/10.1016/j.rser.2014.10.098
524	Sonthalia A., Reddy S., Kumar C.R., Kamani K.	Theoretical Investigation of Waste Heat Recovery from an IC Engine Using Vapor Absorption Refrigeration System and Thermoelectric Converter	Heat Transfer - Asian Research	44	6	499	514	1.37	https://doi.org/10.1016/j.rser.2015.04.037
525	Satya Narayana P.V., Venkateswarlu B., Venkataramana S.	Thermal Radiation and Heat Source Effects on a MHD Nanofluid Past a Vertical Plate in a Rotating System with Porous Medium	Heat Transfer - Asian Research	44	1	1	19	1.37	https://doi.org/10.1016/j.rser.2015.07.187
526	Samui P., Kim D., Aiyer B.G.	Pullout capacity of small ground anchor: a least square support vector machine approach	Journal of Zhejiang University: Science A	16	4	295	301	1.37	https://doi.org/10.1016/j.rser.2015.07.086

527	Lavinya B U., Swaminathan M., Bhattacharya Y., Tandon S., Evan Prince S.	In Vivo Anti-Hyperglycemic Potential of Brahmi Gritham and Docking Studies of Its Active Components Against Protein Kinase C and CD38	Journal of Food Biochemistry	39	6	642	652	1.36	https://doi.org/10.1088/1674-4527/15/10/004
528	Suhas D., Lakshmi C.R., Srinivasa Rao Z., Kannadassan D.	A systematic implementation of elliptic low-pass filters using defected ground structures	Journal of Electromagnetic Waves and Applications	29	15	2014	2026	1.35	https://doi.org/10.1007/s11164-014-1575-z
529	Sundarrajan S., Lulu S., Arumugam M.	Computational evaluation of phytocompounds for combating drug resistant tuberculosis by multi-targeted therapy	Journal of Molecular Modeling	21	9	-	-	1.34	https://doi.org/10.1007/s11164-014-1677-7
530	Phamila A.V.Y., Amutha R.	Energy-efficient low bit rate image compression in wavelet domain for wireless image sensor networks	Electronics Letters	51	11	824	826	1.34	https://doi.org/10.1007/s11164-013-1275-0
531	Deshpande R., Ramalingam R.E., Chatzistergos P., Jasani V., Chockalingam N.	Semi-automated lung field segmentation in scoliosis radiographs: An exploratory study	Journal of Medical and Biological Engineering	35	5	608	616	1.31	https://doi.org/10.1007/s11164-014-1902-4
532	Arshad K., Sudha K., Mohamed Hatha A.A., Aneesh P.-T., Helna A.K., Anilkumar G.	Effect by Gamma Irradiation and Low-Temperature Storage on Bacteriological Profile of Edible Estuarine Crab Scylla serrata	Journal of Food Processing and Preservation	39	6	2473	2484	1.29	https://doi.org/10.1007/s11164-014-1775-6
533	Ravichandran R., Hemaasri S., Cameotra S.S., Jayaprakash N.S.	Purification and characterization of an extracellular uricase from a new isolate of Sphingobacterium thalpophilum (VITPCB5)	Protein Expression and Purification	114	-	136	142	1.29	https://doi.org/10.1007/s11164-014-1756-9
534	Muthukumar N., Srinivasan S., Ramkumar K., Kavitha P., Balas V.E.	Supervisory GPC and evolutionary PI controller for web transport systems	Acta Polytechnica Hungarica	12	5	135	153	1.29	https://doi.org/10.1007/s11164-013-1333-7
535	Pasupathy K.R., Bindu B.	Low power, high speed carbon nanotube FET based level shifters for multi-VDD Systems-On-Chips	Microelectronics Journal	46	12	1269	1274	1.28	https://doi.org/10.1007/s11164-014-1880-6
536	Unnikrishnan, P. S.; Suthindhiran, K.; Jayasri, M. A.	Alpha-amylase Inhibition and Antioxidant Activity of Marine Green Algae and its Possible Role in Diabetes Management	PHARMACOGNOSY MAGAZINE	11	44	S511	S515	1.26	https://doi.org/10.1007/s11164-013-1213-1

537	Selvakumar, Jemimah Naine; Chandrasekaran, Subathra Devi; Vaithilingam, Mohanasrinivasan	Bio Prospetting of Marine-derived Streptomyces spectabilis VITJS10 and Exploring its Cytotoxicity Against Human Liver Cancer ell Lines	PHARMACOGNOSY MAGAZINE	11	44	S469	S473	1.26	https://doi.org/10.1007/s11164-014-1784-5
538	Pugazhvadivu K.S., Balakrishnan L., Tamilarasan K.	Influence of substrate and Ca substitution on multiferroic BiMnO<inf>3</inf> thin films	Bulletin of Materials Science	38	4	1099	1104	1.26	https://doi.org/10.1007/s11164-013-1214-0
539	Mohammed M.T., Khan Z.A., Geetha M., Siddiquee A.N., Mishra P.	Influence of thermo-mechanical processing on microstructure, mechanical properties and corrosion behavior of a new metastable Î²-titanium biomedical alloy	Bulletin of Materials Science	38	1	247	258	1.26	https://doi.org/10.1007/s11164-013-1359-x
540	Devendranath Ramkumar K., Mishra D., Thiruvengatam G., Sudharsan S.P., Mohan T.H., Saxena V., Rachit P., Arivazhagan N.	Investigations on the microstructure and mechanical properties of multi-pass PCGTA welding of super-duplex stainless steel	Bulletin of Materials Science	38	4	837	846	1.26	https://doi.org/10.1007/s11164-014-1821-4
541	Kumar M.S., Perumal A.E., Vijayaram T.R., Senguttuvan G.	Processing and characterization of pure cordierite and zirconia-doped cordierite ceramic composite by precipitation technique	Bulletin of Materials Science	38	3	679	688	1.26	https://doi.org/10.1007/s00419-015-1004-9
542	Paul M.L., Samuel J., Roy R., Chandrasekaran N., Mukherjee A.	Studies on Cr(VI) removal from aqueous solutions by nanotitania under visible light and dark conditions	Bulletin of Materials Science	38	2	393	400	1.26	https://doi.org/10.3989/revmetalm.077
543	Kathirvelan J., Vijayaraghavan R.	Detection of methane using multi-walled carbon nanotubes	Bulletin of Materials Science	38	4	909	913	1.26	https://doi.org/10.1007/s13205-013-0186-5
544	Murugusundaramoorthy G.	Subclasses of bi-univalent functions of complex order based on subordination conditions involving wright hypergeometric functions	Journal of Mathematical and Fundamental Sciences	47	1	60	75	1.25	https://doi.org/10.1007/s13205-014-0199-8
545	Sindhu N., Annapurni S., Anu Radha C.	Simulation of old open clusters for UVIT on ASTROSAT	Research in Astronomy and Astrophysics	15	10	1647	1670	1.25	https://doi.org/10.1039/c5ra13469b

546	Lokesh B., Madhusudhana Rao N., Kaleemulla S., Sivakumar A.	Freeze-drying synthesis and characterisation of Na composites of ZnO, TiO<inf>2</inf> and ZnTiO<inf>3</inf> semiconductor oxides	Chemical Papers	69	11	1481	1490	1.25	https://doi.org/10.1039/c5ra19090h
547	Rishikesan R., Prabakaran K., Murugesan R., Venkataraman R., Ranjith P.K., Arvind S., Thennarasu S.	18-Crown-6 Catalyzed Microwave-mediated Synthesis of Symmetric Bis-Heterocyclic Compounds under Solvent-free Condition	Journal of Heterocyclic Chemistry	52	5	1321	1330	1.24	https://doi.org/10.1039/c5ra13941d
548	Patil S.M., Mascarenhas M., Sharma R., Mohana Roopan S., Roychowdhury A.	Microwave-assisted one-pot synthesis of substituted 3-bromoimidazo[1,2 -A]pyridines and imidazoheterocycles	Journal of Heterocyclic Chemistry	51	5	1509	1515	1.24	https://doi.org/10.1039/c4ra13645d
549	Kadam K.S., Gandhi T., Reddy M.M., Gupte A., Sharma R.	Synthesis, characterization, and DGAT1 inhibition of new 5-piperazinethiazole and 5-piperidinethiazole analogs	Journal of Heterocyclic Chemistry	52	3	802	814	1.24	https://doi.org/10.1039/c5ra11439j
550	Lakshmipathy R., Reddy N.A., Sarada N.C.	Optimization of brilliant green biosorption by native and acid-activated watermelon rind as low-cost adsorbent	Desalination and Water Treatment	54	1	235	244	1.23	https://doi.org/10.1039/c5ra11242g
551	Premkumar M., Shanthakumar S.	Process optimization for Cr(VI) removal by Mangifera Indica seed powder: a response surface methodology approach	Desalination and Water Treatment	53	6	1653	1663	1.23	https://doi.org/10.1039/c5ra19945j
552	Isaac C.P.J., Lakshmipathy R., Sivakumar A.	Sunlight and microwave induced preparation of activated carbons and their removal of lead(II) and cadmium(II) from industrial effluent	Desalination and Water Treatment	53	10	2701	2711	1.23	https://doi.org/10.1039/c5ra15876a
553	Lakshmi N.V., Karthikeyan S., Jeeva P.A., Paramasivam M., Narayanan S.	The influence of an eco-friendly antibiotic as anti-scalant and inhibitor for steel in gypsum solution and brine water	Desalination and Water Treatment	56	3	839	847	1.23	https://doi.org/10.1039/c5ra01326g

554	Prakash L., Malipeddi H., Subbaiah B.V., Lakka N.S.	Impurity profiling and a stability-indicating UPLC method development and validation for the estimation of related impurities of halobetasol propionate in halobetasol propionate 0.05% (w/w) cream	Journal of Chromatographic Science	53	1	112	121	1.22	https://doi.org/10.1039/c4ra13779e
555	Prakash L., Malipeddi H., Subbaiah B.V.	Preparative isolation and high-resolution mass identification of 10 stressed study degradants of nicorandil tablets	Journal of Chromatographic Science	53	1	122	126	1.22	https://doi.org/10.1039/c4ra14542a
556	Kumar K.G., Ramkumar K.D., Arivazhagan N.	Characterization of metallurgical and mechanical properties on the multi-pass welding of Inconel 625 and AISI 316L	Journal of Mechanical Science and Technology	29	3	1039	1047	1.22	https://doi.org/10.1039/c5ra06593c
557	Chattopadhyay D., James J., Roy D., Sen S., Chatterjee R., Thirumurugan K.	Effect of semolina-jaggery diet on survival and development of drosophila melanogaster	Fly	9	1	16	21	1.218	https://doi.org/10.1039/c5ra10756c
558	Motsa S., Shateyi S., Van Gorder R.A., Laraqi N., Rush Kumar B.	Recent advances in solution methods for nonlinear evolution equations, fluid flow, and heat and mass transfer	Mathematical Problems in Engineering	2015	-	-	-	1.18	https://doi.org/10.1039/c4ra12381f
559	Agrawal H., Sharma P., Tiwari P., Taiwade R.V., Dayal R.K.	Evaluation of Self-Healing Behaviour of AISI 304 Stainless Steel	Transactions of the Indian Institute of Metals	68	4	501	511	1.18	https://doi.org/10.1039/c5ra05059f
560	Ramachandran T., Babu M.C.L., Padmanaban K.P.	Experimental Investigation of Static and Dynamic Properties of Steelâââ€š¬â,¬Å“Rubber, Cast Ironâââ€š¬â,¬Å“Rubber and Epoxy Graniteâââ€š¬â,¬Å“Rubber as IC Engine Mount	Transactions of the Indian Institute of Metals	68	-	83	86	1.18	https://doi.org/10.1039/c5ra06512g
561	Balakrishnan M., Anburaj J., Mohamed Nazirudeen S.S., Neelakantan L., Narayanan R.	Influence of Intermetallic Precipitates on Pitting Corrosion of High Mo Superaustenitic Stainless Steel	Transactions of the Indian Institute of Metals	68	-	267	279	1.18	https://doi.org/10.1039/c5ra05799j
562	Babu V., Subathra Devi C.	Exploring the in vitro thrombolytic potential of streptokinase-producing Î²-hemolytic Streptococci isolated from bovine milk	Journal of General and Applied Microbiology	61	4	139	146	1.17	https://doi.org/10.1039/c5ra05082k

563	Samui P., Kim D.	Determination of the Angle of Shearing Resistance of Soils Using Multivariate Adaptive Regression Spline	Marine Georesources and Geotechnology	33	6	542	545	1.17	https://doi.org/10.1039/c5ra05755h
564	Krishna N.S., Kaleemulla S., Amarendra G., Rao N.M., Krishnamoorthi C., Begam M.R., Omkaram I., Reddy D.S.	Room Temperature Ferromagnetism in Cu-Doped In <inf>2</inf>O<inf>3</inf> Thin Films	Journal of Superconductivity and Novel Magnetism	28	7	2089	2095	1.13	https://doi.org/10.1039/c4ra12163e
565	Arivarasu M., Ramkumar Kasinath D., Natarajan A.	Effect of continuous and pulsed current on the metallurgical and mechanical properties of gas tungsten arc welded AISI 4340 aeronautical and AISI 304 L austenitic stainless steel dissimilar joints	Materials Research	18	1	59	77	1.1	https://doi.org/10.1039/c4ra16640j
566	Nirmala R., Navamathavan R., Kim H.Y., Park S.-J.	Electrical properties of conductive Nylon66/graphene oxide composite nanofibers	Journal of Nanoscience and Nanotechnology	15	8	5718	5722	1.09	https://doi.org/10.1039/c5ra00229j
567	Karthik R., Kannadassan D., Baghini M.S., Mallick P.S.	Nanostructured anodic multilayer dielectric stacked metal-insulator-metal capacitors	Journal of Nanoscience and Nanotechnology	15	12	9938	9943	1.09	https://doi.org/10.1039/c4ra09694k
568	Sundararajan M., John Kennedy L., Judith Vijaya J.	Synthesis and characterization of cobalt substituted zinc ferrite nanoparticles by microwave combustion method	Journal of Nanoscience and Nanotechnology	15	9	6719	6728	1.09	https://doi.org/10.1039/c4ra13045f
569	Narayanan S., Vijaya J.J., Adinaveen T., Bououdina M., Kennedy L.J.	Synthesis of Î±-Fe2O3 sphere/rod-like nanostructure via simple surfactant-free precipitation route: Optical properties and formation mechanism	Journal of Nanoscience and Nanotechnology	15	6	4558	4566	1.09	https://doi.org/10.1039/c4ra16263c
570	Selvam N.C.S., Jesudoss S.K., Rajan P.I., Kennedy L.J., Vijaya J.J.	Comparative investigation on the photocatalytic degradation of 2,4,6-trichlorophenol using Pure and M-doped (M = Ba, Ce, Mg) ZnO spherical nanoparticles	Journal of Nanoscience and Nanotechnology	15	8	5910	5917	1.09	https://doi.org/10.1039/c4ra09029b
571	Narayanan, S.; Vijaya, J. Judith; Adinaveen, T.; Bououdina, M.; Kennedy, L. John	Synthesis of alpha-Fe2O3 Sphere/Rod-Like Nanostructure via Simple Surfactant-Free Precipitation Route: Optical Properties and Formation Mechanism	Journal of Nanoscience and Nanotechnology	15	6	4558	4566	1.09	https://doi.org/10.1039/c4ra12745e

572	Vijayalakshmi M., Ezhil Vizhi R., Rajan Babu D.	Studies on growth and nucleation kinetics of piperazinium L-Tartrate (PPLT) single crystal	Crystal Research and Technology	50	1	15	21	1.09	https://doi.org/10.1039/c5ra14186a
573	Yogambal C., Ezhil Vizhi R., Rajan Babu D.	Effect of cesium chloride addition on crystal growth, structural, thermal and optical properties of Î³-glycine single crystal	Crystal Research and Technology	50	1	22	27	1.09	https://doi.org/10.1039/c5ra02905h
574	Thamban A.P., Kappalli S., Kottarathil H.A., Gopinathan A., Paul T.J.	Cymothoa frontalis, a cymothoid isopod parasitizing the belonid fish strongylura strongylura from the malabar coast (Kerala, India): Redescription, description, prevalence and life cycle	Zoological Studies	54	MAY	1	28	1.054	https://doi.org/10.1039/c5ra10146h
575	Revathi S., Inabathini S., Sandeep R.	Soft glass spiral photonic crystal fiber for large nonlinearity and high birefringence	Optica Applicata	45	1	15	24	1.05	https://doi.org/10.1039/c5ra07015e
576	Parikh, Kushang; Hawanna, Nagesh; Haleema, P. K.; Jayasubalakshmi, R.; Iyengar, N. Ch. S. N.	Virtual Machine Allocation Policy in Cloud Computing Using CloudSim in Java	International Journal of Grid and Distributed Computing	8	1	145	158	1.04	https://doi.org/10.1039/c5ra03117f
577	Shah M., Deshmukh S.K., Verekar S.A., Gohil A., Kate A.S., Rekha V., Kulkarni-Almeida A.	Anti-inflammatory properties of mutolide isolated from the fungus Lepidosphaeria species (PM0651419)	SpringerPlus	4	1	1	10	1.04	https://doi.org/10.1039/c5ra11447k
578	Reddy, D. C. Lakshmana; Preethi, B.; Wani, M. A.; Aghora, T. S.; Aswath, C.; Mohan, N.	Screening for powdery mildew (Erysiphe pisi DC) resistance gene-linked SCAR and SSR markers in five breeding lines of Pisum sativum L.	JOURNAL OF HORTICULTURAL SCIENCE and BIOTECHNOLOGY	90	1	78	82	1.04	https://doi.org/10.1039/c5ra90078f
579	Suganthi C., Mageswari A., Karthikeyan S., Gothandam K.M.	Insight on biochemical characteristics of thermotolerant amylase isolated from extremophile bacteria Bacillus vallismortis TD6 (HQ992818)	Microbiology (Russian Federation)	84	2	210	218	1.03	https://doi.org/10.1039/c5ra90078f
580	Sumathi S., Nehru M., Vidya R.	Synthesis, Characterization and Effect of Precipitating Agent on the Antibacterial Properties of Cobalt Ferrite Nanoparticles	Transactions of the Indian Ceramic Society	74	2	79	82	1.01	https://doi.org/10.1515/secm-2013-0203

581	Geethanjali P.	Comparative study of PCA in classification of multichannel EMG signals	Australasian Physical and Engineering Sciences in Medicine	38	2	331	343	1	https://doi.org/10.1002/sec.982
582	Kumar P.	A 3D simulation based study of surface potential for cylindrical gate (CG) MOSFETs	Journal of Nanoelectronics and Optoelectronics	10	5	623	626	0.99	https://doi.org/10.1002/sec.1185
583	Rajan, R. Sundara; Manuel, Paul; Rajasingh, Indra; Parthiban, N.; Miller, Mirka	A Lower Bound for Dilation of an Embedding	Computer Journal	58	12	3271	3278	0.98	https://doi.org/10.1016/j.simpat.2014.10.009
584	Miller, Mirka; Rajan, R. Sundara; Parthiban, N.; Rajasingh, Indra	Minimum Linear Arrangement of Incomplete Hypercubes	Computer Journal	58	2	331	337	0.98	https://doi.org/10.12989/sss.2015.16.6.1023
585	Abraham J., Silambarasan S.	Bacterial degradation of monocrotophos and phyto- and cyto-toxicological evaluation of metabolites	Toxicological and Environmental Chemistry	97	9	1202	1216	0.97	https://doi.org/10.1007/s00500-014-1247-3
586	Chandrasekaran S.D., Vaithilingam M., Shanker R., Kumar S., Thiyur S., Babu V., Selvakumar J.N., Prakash S.	Exploring the in vitro thrombolytic activity of nattokinase from a new strain Pseudomonas aeruginosa CMSS	Jundishapur Journal of Microbiology	8	10	-	-	0.96	https://doi.org/10.1016/j.saa.2015.04.101
587	Muthukumar B., Sindhu S.S.S., Geetha S., Kannan A.	Intelligent network-misuse-detection-system using neurotree classifier	Neural Network World	25	5	541	564	0.96	https://doi.org/10.1016/j.saa.2014.11.027
588	Balaji S., Santhakumar R., Mallick P.S.	Enhancing Coverage and Rate of Cell Edge User in Multi-Antenna Poisson Voronoi Cells	Journal of Circuits, Systems and Computers	24	8	-	-	0.94	https://doi.org/10.1016/j.saa.2014.10.033
589	Upadhyay A., Karpagam S.	Synthesis and opto-electrical properties of carbazole functionalized quinoline based conjugated oligomer for luminescent devices	Journal of Photopolymer Science and Technology	28	6	755	762	0.93	https://doi.org/10.1016/j.saa.2014.12.083
590	Abraham R., Kiran K.U.	Microwave-based sensors	Microwave and Optical Technology Letters	57	12	2745	2750	0.93	https://doi.org/10.1016/j.saa.2015.03.033
591	Venkatesh Murthy B.T., Srinivasa Rao I.	Design of narrow band UHF low noise amplifier for wind profilers	Microwave and Optical Technology Letters	57	3	600	603	0.93	https://doi.org/10.1016/j.saa.2014.12.066

592	Kumar S., Madhuri W., Kalainathan S.	Synthesis and characterization of microinductor made of NiCuZn nanoferrite	Modern Physics Letters B	29	29	-	-	0.93	https://doi.org/10.1016/j.saa.2014.11.086
593	Karuppiah M., Saravanan R.	A Secure Authentication Scheme with User Anonymity for Roaming Service in Global Mobility Networks	Wireless Personal Communications	84	3	2055	2078	0.93	https://doi.org/10.1016/j.saa.2014.07.088
594	Mohanasundaram R., Periasamy P.S.	Clustering Based Optimal Data Storage Strategy Using Hybrid Swarm Intelligence in WSN	Wireless Personal Communications	85	3	1381	1397	0.93	https://doi.org/10.1016/j.saa.2014.07.090
595	Raja Annamalai A., Upadhyaya A., Agrawal D.K.	Effect of heating mode and electrochemical response on austenitic and ferritic stainless steels	Canadian Metallurgical Quarterly	54	2	142	148	0.91	https://doi.org/10.1016/j.saa.2014.12.067
596	Thayumanavan N., Tambe P., Joshi G.	Effect of surfactant and sodium alginate modification of Graphene on the mechanical and thermal properties of polyvinyl alcohol (PVA) nanocomposites	Cellulose Chemistry and Technology	49	1	69	80	0.86	https://doi.org/10.1016/j.saa.2014.12.035
597	Muduli, Pradyut Kumar; Das, Sarat Kumar; Samui, Pijush; Sahoo, Rupashree	Prediction of uplift capacity of suction caisson in clay using extreme learning machine	OCEAN SYSTEMS ENGINEERING-AN INTERNATIONAL JOURNAL	5	1	41	54	0.85	https://doi.org/10.1016/j.saa.2015.03.133
598	Murugan V., Parasuraman P., Selvin J.F.A., Priyadarzini T.R.K., Gromiha M.M., Fukui K., Veluraja K.	Geometry Optimization of Carbohydrate Binding Sites of Influenza: A Quantum Mechanical Approach	Journal of Carbohydrate Chemistry	34	7	409	429	0.83	https://doi.org/10.1016/j.saa.2015.02.054
599	Arockiaraj M., Quadras J., Rajasingh I., Shalini A.J.	Embedding hypercubes and folded hypercubes onto Cartesian product of certain trees	Discrete Optimization	17	-	1	13	0.82	https://doi.org/10.1016/j.saa.2015.02.049
600	Senthilkumar D., Anbarasu K., Jayanthi S.	Hexonic derivatives as human GABA-AT inhibitors: A molecular docking approach	Bangladesh Journal of Pharmacology	10	1	-	-	0.81	https://doi.org/10.1016/j.saa.2014.07.010
601	Velu S., Muruganandam L., Arthanareeswaran G.	Preparation and performance studies on polyethersulfone ultrafiltration membranes modified with gelatin for treatment of tannery and distillery wastewater	Brazilian Journal of Chemical Engineering	32	1	179	189	0.79	https://doi.org/10.1016/j.saa.2015.07.035

602	Gnanasundaram N., Loganathan M., Perumal K.	Solid holdup and circulation rate in a liquid-solid circulating fluidized bed with viscous liquid medium	Brazilian Journal of Chemical Engineering	32	4	849	856	0.79	https://doi.org/10.1016/j.saa.2014.08.006
603	Jimmy J.L., Babu S.	Role of OsWRKY transcription factors in rice disease resistance	Tropical Plant Pathology	40	6	355	361	0.784	https://doi.org/10.1016/j.saa.2014.09.124
604	Jayaprakash N., Vijaya J.J., Kennedy L.J.	Microwave-assisted rapid facile synthesis, characterization, and their antibacterial activity of PVP capped silver nanospheres	Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry	45	10	1533	1538	0.78	https://doi.org/10.1016/j.saa.2014.07.070
605	Abirami M., Gopal J.V., Kannabiran K.	Extraction and identification of antibacterial compound from marine Streptomyces sp. VITAK1 isolated from the coast of Andaman and Nicobar Islands, India	Applied Biochemistry and Microbiology	51	4	406	410	0.73	https://doi.org/10.1016/j.saa.2015.02.037
606	Maheswaran D., Rajasekar N., Priya K., Ashok Kumar L.	Application of bacterial foraging algorithm and genetic algorithm for selective voltage harmonic elimination in PWM inverter	Journal of Electrical Engineering and Technology	10	3	944	951	0.72	https://doi.org/10.1016/j.saa.2014.05.086
607	Karmel A., Jayakumar C.	Recurrent ant colony optimization for optimal path convergence in mobile ad hoc networks	KSII Transactions on Internet and Information Systems	9	9	3496	3514	0.71	https://doi.org/10.1016/j.saa.2014.07.013
608	Aseer J.J.R.R., Sankaranarayanasamy K., Jayabalan P., Natarajan R., Dasan K.P.	Morphological and mechanical properties of chemically treated municipal solid waste (MSW)/banana fiber and their reinforcement in polymer composites	Science and Engineering of Composite Materials	22	4	353	363	0.71	https://doi.org/10.1016/j.saa.2015.03.136
609	Abduraoof K., Balaji R., Jayakumar S., Joshi G.M.	Abnormal Grain Growth Free Strontium Barium Niobate by Microwave Assisted Sintering	Ferroelectrics	481	1	196	205	0.7	https://doi.org/10.1016/j.saa.2014.09.116
610	Vickram, A. S.; Rao, Kamini A.; Archana, K.; Jayaraman, G.; Venkat, Kumar S.; Sridharan, T. B.	EFFECTS OF VARIOUS SEMEN EXTENDERS ON SEMEN PARAMETERS FOR THE PURPOSE OF HUMAN MALE FERTILITY PRESERVATION	Cryo letters	36	3	182	186	0.69	https://doi.org/10.1016/j.saa.2014.09.116
611	Vickram A.S., Kamini R., Ramesh Pathy M., Chanchal T., Parameswari R., Sridharan T.B.	EFFECT OF SEMEN EXTENDER ON PROTEIN CONCENTRATION IN EACH FRACTION OF CRYOPRESERVED HUMAN SEMEN	Cryo letters	36	6	405	412	0.69	https://doi.org/10.12989/scs.2015.18.3.583

612	Mathur C., Rai S., Sase N., Krish S., Jayasri M.A.	Enteromorpha intestinalis derived seaweed liquid fertilizers as prospective biostimulant for Glycine max	Brazilian Archives of Biology and Technology	58	6	813	820	0.676	https://doi.org/10.5966/sctm.2014-0110
613	Mohansrinivasan V., Devi C.S., Deori M., Biswas A., Naine S.J.	Exploring the anticancer activity of grape seed extract on skin cancer cell lines A431	Brazilian Archives of Biology and Technology	58	4	540	546	0.676	https://doi.org/10.1007/s11223-015-9723-2
614	Tharachand C., Immanuel Selvaraj C., Abraham Z.	Molecular insights into the genetic diversity of Garcinia cambogia germplasm accessions	Brazilian Archives of Biology and Technology	58	5	765	772	0.676	https://doi.org/10.1016/j.spmi.2015.09.010
615	Christopher J.G., Saswati B., Ezilrani P.	Optimization of parameters for biosynthesis of silver nanoparticles using leaf extract of Aegle marmelos	Brazilian Archives of Biology and Technology	58	5	702	710	0.676	https://doi.org/10.1016/j.spmi.2015.01.040
616	Jemimah Naine S., Subathra Devi C., Mohanasrinivasan V., Vaishnavi B.	Antimicrobial, antioxidant and cytotoxic activity of marine Streptomyces parvulus VITJS11 crude extract	Brazilian Archives of Biology and Technology	58	2	198	207	0.676	https://doi.org/10.1016/j.surfcoat.2015.08.012
617	Tharachand C., Immanuel Selvaraj C., Abraham Z.	Comparative evaluation of anthelmintic and antibacterial activities in leaves and fruits of Garcinia cambogia (gaertn.) desr. and Garcinia indica (dupetit-thouars) choisy	Brazilian Archives of Biology and Technology	58	3	379	386	0.676	https://doi.org/10.1016/j.scs.2015.05.001
618	Bhaskara Rao L., Kameswara Rao C.	Analysis of vibration natural frequencies of rotationally restrained and simply supported circular plate with weakened interior circle due to an angular crack	Strength of Materials	47	6	859	869	0.67	https://doi.org/10.1016/j.seta.2015.07.003
619	Suresh P.K.	Mechanisms of pluripotency and epigenetic reprogramming in primordial germ cells: Lessons for the conversion of other cell types into the stem cell lineage	Turkish Journal of Biology	39	2	187	193	0.66	https://doi.org/10.1016/j.seta.2015.09.001
620	Suresh P.K.	Cancer stem cells (CSCs): Targets and strategies for intervention	Turkish Journal of Biology	39	3	517	521	0.66	https://doi.org/10.1016/j.seta.2015.03.005
621	Krishnan, Suresh Palamadai	A letter in response to "Cancer stem cells: emerging actors in both basic and clinical cancer research" Turk J Biol (2014) 38: (c) TUBITAK - doi:10.3906/biy-1406-93 Cancer stem cells (CSCs): targets and strategies for intervention	TURKISH JOURNAL OF BIOLOGY	39	3	517	521	0.66	https://doi.org/10.1016/j.swevo.2014.11.002

622	Balakrishnan L., Meher S.R., Alex Z.C.	Effect of irradiating ion fluence on optical properties of ZnO1-x:Nx thin films	Radiation Effects and Defects in Solids	170	2	84	90	0.64	https://doi.org/10.1016/j.swevo.2014.11.002
623	Praseeda E., John B., Srinivasan C., Singh Y., Divyalakshmi K.S., Samui P.	Thenmala fault system, Southern India: Implication to neotectonics	Journal of the Geological Society of India	86	4	391	398	0.632	https://doi.org/10.1080/15533174.2013.862830
624	N sandeep., C sulochana., C s k raju., M jayachandra babu., V sugunamma	Unsteady boundary layer flow of thermophoretic MHD nanofluid past a stretching sheet with space and time dependent internal heat source/sink	Applications and Applied Mathematics	10	1	312	327	0.63	https://doi.org/10.1080/00397911.2014.989449
625	Chung E.H., Baek S.R., Yu S.M., Kim J.P., Hong T.E., Kim H.G., Bae J.-S., Jeong E.D., Khan F.N., Jung O.-S.	Self-organized TiO<inf>2</inf> nanotube arrays in the photocatalytic degradation of methylene blue under UV light irradiation	Journal of the Korean Physical Society	66	7	1135	1139	0.63	https://doi.org/10.1080/00397911.2014.987352
626	Kumar D.R.N., George V.C., Suresh P.K., Kumar R.A.	Cancer-specific chemoprevention and anti-metastatic potentials of Rheum emodi rhizome ethyl acetate extracts and identification of active principles through HPLC and GC-MS analysis	Pakistan Journal of Pharmaceutical Sciences	28	1	83	93	0.6	https://doi.org/10.1080/00397911.2015.1074696
627	Andal V., Buvaneswari G.	Effect of nature of surfactant on the formation of Î²-Ag2Se nanoparticles and optical properties of Î²-Ag2Se and ZnS/Î²-Ag2Se nanocomposite	Journal of Nano Research	30	-	96	105	0.59	https://doi.org/10.1016/j.tetlet.2014.12.059
628	Arul H., Ezhil Vizhi R., Rajan Babu D.	Studies on synthesis, bulk growth, optical and mechanical properties of an organic single crystal: L-histidinium maleate for optoelectronic applications	Journal of Optoelectronics and Advanced Materials	17	42828	270	276	0.59	https://doi.org/10.1016/j.tetlet.2014.11.059
629	Selvakumar R., Muhammad M.R., Devi G.P.	An Embedded Automaton to Monitor the Glycolysis Process in Pancreatic Î²-Cells	Acta Biotheoretica	63	1	23	31	0.59	https://doi.org/10.1016/j.tetlet.2015.06.040
630	Arshad K., Sudha K., Hatha A.A.M., Anilkumar G.	Combined effect of gamma irradiation and cold temperature storage on the sensory properties of edible estuarine crab Scylla serrata	International Food Research Journal	22	6	2253	2258	0.559	https://doi.org/10.1016/j.tetlet.2014.12.114
631	Agarwal D., Vidhya S.	VeinLoc: Surface Blood Vessel Detector	Journal of Medical Devices, Transactions of the ASME	9	2	1	2	0.54	https://doi.org/10.1016/j.tetlet.2015.01.162

632	Chinnadurai T., Subbiah V.A.	Prediction of material removal rate and surface roughness for wire electrical discharge machining of nickel using response surface methodology	Revista de Metalurgia	52	4	-	-	0.54	https://doi.org/10.1016/j.tetlet.2015.04.077
633	Prabhadevi S., Javavel S., Kapoor R.	Algorithm of sentiment analysis for computing machines	Journal of Scientific and Industrial Research	74	12	670	674	0.534	https://doi.org/10.1016/j.tetlet.2014.11.070
634	Naidu K.J., Kittur H.M., Avinash P.	Design of low drop-out voltage regulator	Journal of Scientific and Industrial Research	74	11	641	644	0.534	https://doi.org/10.1016/j.tetlet.2015.07.016
635	Srinivas S., Reddy P.B.A., Prasad B.S.R.V.	Non-darcian unsteady flow of a micropolar fluid over a porous stretching sheet with thermal radiation and chemical reaction	Heat Transfer - Asian Research	44	2	172	187	0.51	http://dx.doi.org/10.2298/TSCI150703202R
636	Krishnan K.V., Sajith R.M., Khara S.	Dynamic resource allocation in OFDM based cognitive radio system considering primary user QoS and secondary user proportional constraints	Journal of Communications Technology and Electronics	60	11	1269	1275	0.51	https://doi.org/10.1080/02772248.2015.1092541
637	Srividhya M., Ramanathan K.	Molecular Dynamics Simulation Approach to Understand Lamivudine Resistance in Hepatitis B Virus Polymerase	Pharmaceutical Chemistry Journal	49	7	432	438	0.51	https://doi.org/10.1016/S1003-6326(15)64072-9
638	Murugesan G., Nithya R., Kalainathan S.	Powder diffraction data on Ca<inf>0.9</inf>Nd<inf>0.1</inf>Ti<inf>0.9</inf>Al<inf>0.1</inf>O<inf>3</inf>	Powder Diffraction	30	3	294	295	0.51	https://doi.org/10.1016/S1003-6326(15)63661-5
639	Murugesan G., Nithya R., Kalainathan S.	Rietveld refinement of X-ray powder diffraction data of Sm0.55Sr0.45MnO3 polycrystalline material	Powder Diffraction	31	1	77	79	0.51	https://doi.org/10.1080/03717750X.2015.1011791
640	Murugusundaramoorthy, G.; Vijaya, K.	SECOND HANKEL DETERMINANT FOR BI-UNIVALENT ANALYTIC FUNCTIONS ASSOCIATED WITH HOHLOV OPERATOR	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	8	1	22	29	0.49	https://doi.org/10.1007/s12666-014-0467-7
641	Lal A.M., Margret Anouncia S.	Semi-supervised change detection approach combining sparse fusion and constrained k means for multi-temporal remote sensing images	Egyptian Journal of Remote Sensing and Space Science	18	2	279	288	0.49	https://doi.org/10.1007/s12666-015-0612-y
642	Basheerudeen A., Anandan S.	Simplified mix design procedures for steel fibre reinforced self compacting concrete	Engineering Journal	19	1	21	36	0.48	https://doi.org/10.1007/s12666-015-0587-8

643	Murugusundaramoorthy G., Janani T.	Bi-starlike function of complex order associated with hypergeometric functions	Miskolc Mathematical Notes	16	1	305	319	0.47	https://doi.org/10.3846/16484142.2015.1100676
644	Christe Sonia Mary M., Sasikumar S.	Sodium alginate/starch blends loaded with ciprofloxacin hydrochloride as a floating drug delivery system - In vitro evaluation	Iranian Journal of Chemistry and Chemical Engineering	34	2	25	31	0.46	https://doi.org/10.1080/10402004.2015.1039681
645	Subramanyam J., Reddy B.K., Madhusudhana Rao N., Krishnaiah G.	Epr and magnetic properties of vapour phase grown Cd1-xFexTe single crystals	Optoelectronics and Advanced Materials, Rapid Communications	9	43080	1425	1428	0.45	https://doi.org/10.3906/biy-1407-16
646	Prabakaran M.P., Sivasubramanian A., Chitra K., Satheesh R., Vaikundarajan M., Sathis Kumar P., Balaji Ram R.	Experimental analysis of optical wireless system in LOS link using BPSK	Optoelectronics and Advanced Materials, Rapid Communications	9	42891	582	586	0.45	https://doi.org/10.3906/biy-1501-16
647	Rajalingam S., Alex Z.C.	Quasi phase matched second harmonic generation using five fold symmetric photonic quasi crystal fiber	Optoelectronics and Advanced Materials, Rapid Communications	9	43017	1208	1213	0.45	https://doi.org/10.3906/biy-1501-16
648	Vasudevan B., Sivasubramanian A.	Characteristic study of Erbium (Er), Ytterbium (Yb) and Er-Yb Co-doped Optical fiber amplifiers	Optoelectronics and Advanced Materials, Rapid Communications	9	42891	608	612	0.45	https://doi.org/10.1007/s11270-015-2466-7
649	Jayachandra, R.; Reddy, Sabbasani Rajasekhara	Synthesis of D-ribose and D-galactose Derived Chiral Ionic Liquids as Recyclable Chiral Solvent for Michael Addition Reaction	TRENDS IN CARBOHYDRATE RESEARCH	7	4	60	67	0.43	https://doi.org/10.1016/S1995-7645(14)60343-6
650	Rajasingh, I.; Rajan, R. S.; Paul, D.	A New Approach to Compute Acyclic Chromatic Index of Certain Chemical Structures	IRANIAN JOURNAL OF MATHEMATICAL CHEMISTRY	6	1	51	61	0.43	https://doi.org/10.1002/widm.1149
651	Subathra Devi C., Mohana Srinivasan V., Archana B., Roy S.S., Jemimah Naine S.	Production and partial purification of antifungal chitinase from bacillus cereus VITSD3	Bioscience Journal	31	3	960	968	0.404	https://doi.org/10.1002/widm.1151
652	Phaneendra T.	A generalized common fixed point theorem for two families of self-maps	Bulletin of the Korean Mathematical Society	52	6	1839	1854	0.36	https://doi.org/10.1007/s11276-014-0792-0
653	Venkataraman M.	BÇâå,¬â„¢cher's theorem in an infinite network	Mathematical Reports	17	4	345	351	0.34	https://doi.org/10.1007/s11277-015-2524-x

654	Venkataraman, Madhu	BOCHER'S THEOREM IN AN INFINITE NETWORK	Mathematical Reports	17	4	345	351	0.34	https://doi.org/10.1007/s11277-015-2846-8
655	Anuradha R., Apoorva K., Sadhana N.R., Hitendra K., Siva R., Babu S.	Genomic insights into the TTSS island of enteropathogenic E. coli and Salmonella and its conjugational transfer	Molecular Genetics, Microbiology and Virology	30	4	225	232	0.33	https://doi.org/10.1002/apj.1888
656	Jemimah Naine S., Subathra Devi C., Mohanasrinivasan V., Vaishnavi B.	Bioactive potential of marine derived strain Streptomyces brasiliensis VITJS9 isolated from South East Coast of Tamil Nadu, India	National Academy Science Letters	38	3	221	224	0.33	https://doi.org/10.1016/j.msea.2015.04.041
657	Vartak V.R., Rajendran N., Lakra W.S.	Classical taxonomy and 16S rRNA gene marker confirmed first record of the Menippid crab Menippe rumphii (Fabricius, 1798) from the West coast of India	Indian Journal of Geo-Marine Sciences	44	1	76	82	0.289	https://doi.org/10.1007/s12253-015-9912-0
658	Mahalakshmi, P.; Ganesan, K.	Mamdani fuzzy rule based model to classify sites for aquaculture development	Indian Journal of Fisheries	62	1	110	115	0.275	http://www.ijcce.ac.ir/article_14089_e17e08e787a8ade3cca15aecf92f972a.pdf
659	Ali S.K., George Priya Doss. C., Anbalagan M.	Impact of G406S and G420R mutants associated with Blood Coagulation Factor Xa: Molecular simulation approach	Biomedical Research	26	4	682	685	0.21	https://doi.org/10.1007/s13246-015-0343-8
660	Sasikumar K., George Priya Doss C., Adalarasu K.	Analysis of physiological signal variation between autism and control group in south indian population	Biomedical Research	26	3	525	529	0.21	https://doi.org/10.1208/s12249-015-0287-z
661	Rajeswari, V. Devi; Jayaraman, G.	Efficient degradation of bismarck brown by the halotolerant virgibacillus dokdonensis ViT P14	Journal of the Indian Chemical Society	92	4	532	534	0.16	https://doi.org/10.3329/bjp.v10i1.20642
662	Shakila, K.; Kalainathan, S.	Electrical, mechanical and magnetic properties of organic-inorganic hybrid single crystal (ethylene diammoniumtetracholrocobaltate(II) chloride)	Journal of the Indian Chemical Society	92	5	656	659	0.16	https://doi.org/10.1186/s40659-015-0028-5
663	Felix, Sathiyanathan; Kale, Manoi B.; Raghupathy, Bala P. C.; Grace, Andrews Nirmala	Electrochemical detection of glucose on NiO nanosheets modified GCE	Journal of the Indian Chemical Society	92	4	455	458	0.16	https://doi.org/10.1016/j.bica.2015.04.003

664	Kumar, V. Manoj; Sangeetha, D.; Sanjeeva, Y.; Joseph, J. John	Estimation of hydrogen peroxide content in ophthalmic formulation using ultraviolet-visible spectrophotometry	Journal of the Indian Chemical Society	92	4	472	474	0.16	https://doi.org/10.1021/bm5018029
665	Saraswathi, V. Sai; Himaja, M.; Vinodhini, V.; Chanchal, Pragya; Rao, K. V. Bhaskar; Kumar, S. R. Sathish	Extraction and in vitro biological screening of bioactive compounds from leaves of Lagerstroemia speciosa and detection of metals from whole plant	Journal of the Indian Chemical Society	92	4	535	537	0.16	https://doi.org/10.1155/2015/740512
666	Santhakumar, Kannappan; Induja, P.; Shivashankar, M.; Chandramohan, G.	Fabrication and characterizations of PCDTBT: PC71BM bulk heterojunction solar cells using air brush coating method	Journal of the Indian Chemical Society	92	5	660	663	0.16	http://www.alliedacademies.org/articles/impact-of-g406s-and-g420r-mutants-associated-with-blood-coagulationfactor-xa-molecular-simulation-approach.pdf
667	Narendar, R.; Dusan, K. Priya	Flammability studies of multicomponent coir pith/nylon fabric/epoxy hybrid composites	Journal of the Indian Chemical Society	92	5	667	670	0.16	http://www.biomedres.info/biomedical-research/analysis-of-physiological-signal-variation-between-autism-and-controlgroup-in-south-indian-population.html
668	Reddy, Keshireddy Anji; Karpagam, S.	Formulation and in vitro evaluation of Donepezil hydrochloride rapid dissolving oral thin fihn	Journal of the Indian Chemical Society	92	4	538	541	0.16	https://doi.org/10.1016/j.bspc.2015.01.005
669	Sivaraman, A.; Sathiyanathan, P.; Dhevi, D. Manjula; Prabu, A. Anand; Kim, Heecheul	Functionalized Fe3O4 nanoparticles for the removal and remediation of Cr-VI metal ions from synthetic solutions	Journal of the Indian Chemical Society	92	5	671	674	0.16	https://doi.org/10.1016/j.bmcl.2015.05.063
670	Das, Moonjit; Babu, G. V. Sudhir; Vidya, R.; Himaja, M.	GC-MS analysis, antimicrobial and insecticidal activity of the leaves of Ipomoea eriocatpa	Journal of the Indian Chemical Society	92	4	542	544	0.16	https://doi.org/10.1016/j.bmcl.2014.12.037
671	Amreen, Khairunnisa; Kumar, Annamalai Senthil	Graphite nanopowder chemically modified electrode for hydrogen peroxide sensing	Journal of the Indian Chemical Society	92	4	478	480	0.16	https://doi.org/10.1016/j.bmcl.2015.01.003

672	Vijayalakshmi, U.; Vaibhav, Vineet; Chellappa, M.; Anjaneyulu, U.	Green synthesis of silica nanoparticles and its corrosion resistance behavior on mild steel	Journal of the Indian Chemical Society	92	5	675	678	0.16	https://doi.org/10.1016/j.bmcl.2015.10.078
673	Priya, S. Shanmuga; Das, Syamasrit; Naraginti, Saraschandra; Sivakumar, A.	Green synthesis of silver nanoparticles for catalytic reduction of 4-nitrophenol to 4-aminophenol	Journal of the Indian Chemical Society	92	5	679	682	0.16	https://doi.org/10.1007/s40195-014-0186-4
674	Raj Sreena; Gothandam K M	Hepatoprotective and antioxidant activity of aqueous (Extract of amorphophallus commutatus var. wayanadensis	Journal of the Indian Chemical Society	92	4	545	548	0.16	https://doi.org/10.1007/s40195-014-0185-5
675	Chandramohan G; Deepa D; Santhakumar K; Sumathi T	A kinetic and mechanistic study on the oxidation of indole-3-propionic acid by peroxomonosulphate in acetonitrile medium and biological activity of the product formed	Journal of the Indian Chemical Society	92	6	983	986	0.16	https://doi.org/10.1007/s00449-015-1407-6
676	Iniyavan, P.; Aakruti, R. Shah; George, Meryl Maria; Sarveswari, S.; Vijayakumar, V.	Highly efficient multi component synthesis of xanthenes catalyzed by hydroxyapatite	Journal of the Indian Chemical Society	92	6	871	874	0.16	https://doi.org/10.1016/j.biortech.2015.09.065
677	Lavanya, P.; Bag, Susmita; Ramaiah, Sudha; Anbarasu, Anand	Importance of cation-pi interactions in the conformational stability and specificity of beta-lactamases	Journal of the Indian Chemical Society	92	6	1008	1010	0.16	https://doi.org/10.1016/j.biosystems.2015.09.003
678	Vijayalakshmi, U.; Rajeswari, S.	Influence of various coating techniques on the corrosion resistive behavior Ringer's solution	Journal of the Indian Chemical Society	92	5	687	690	0.16	https://doi.org/10.1002/bab.1271
679	Rani, S.; Cherian, Deepa; Thomas, Saju; Praveenraj, R.; Bhanumathy, L.; Manju, S. L.	In silico modeling, design, synthesis and screening for antitubercular activity of some novel 1,2,4-triazole derivatives	Journal of the Indian Chemical Society	92	6	879	882	0.16	https://doi.org/10.1007/s12257-014-0408-7
680	Sanjenbam, Pratibha; Kannabiran, K.	In silico study of pyrrolo[1,2-a]pyrazine-1,4-dione.hexahydro-3-(phenylrnethyl) - isolated from Streptomyces sp VITPK9 as a potent drug against Candida species	Journal of the Indian Chemical Society	92	6	875	878	0.16	https://doi.org/10.1002/biot.201400386

681	Harikrishnan, V.; Babu, D. Rajan; Vizhi, R. Ezhil	Investigations on synthesis, structural and magnetocrystalline anisotropy constant of cobalt ferrite nanoparticles	Journal of the Indian Chemical Society	92	5	696	698	0.16	https://doi.org/10.1007/s10529-015-1765-9
682	Rajan, Reshma; Vidya, R.; Saranya, S.; Deepalakshmi, V.; Raj, N. Arunai Nambi	In vitro development of magnesium ammonium phosphate hexahydrate crystal by single diffusion method and study of its antimicrobial activity	Journal of the Indian Chemical Society	92	5	699	701	0.16	https://doi.org/10.1186/s12906-015-0793-2
683	Devi, S. Asha; Babu, S.	In vitro genotoxic study of beta-asarone in human peripheral blood lymphocytes	Journal of the Indian Chemical Society	92	4	549	551	0.16	https://www.ncbi.nlm.nih.gov/pubmed/25856519
684	Jyothi, Y.; Sangeetha, D.	In vitro hepatoprotective activity of Cochlospennum religiosum in BRL3A cell line	Journal of the Indian Chemical Society	92	4	552	554	0.16	https://doi.org/10.1590/0104-6632.20150321s00002965
685	Thenmozhi, K.; Narayanan, S. Sriman	Amperometric determination of nitrite with a carbon paste electrode using covalently immobilized thionin	Journal of the Indian Chemical Society	92	4	439	442	0.16	https://doi.org/10.1590/0104-6632.20150324s00003026
686	Radjarejesri S; Reddy I Ajit Kumar; Sarada N C; Radjarejesri S	Kinetics of oxidation of azo dyes by CrVI using oxalic acid in absence and presence of micelle forming surfactants	Journal of the Indian Chemical Society	92	6	1015	1018	0.16	https://doi.org/10.1007/s00128-015-1661-y
687	Kumar, Kesarla Mohan; Mandal, Badal Kumar; Reddy, Bandapalli Palakshi	Larvicidal activity of zero valent iron nanoparticles against malarial and filarial vectors	Journal of the Indian Chemical Society	92	4	559	562	0.16	https://www.ias.ac.in/article/fulltext/boms/038/04/1099-1104
688	Suthar, Om P.; Kumar, M. S. Jagadeesh	Mathematical modeling of chemical reaction on the onset of modulated thermo-solutal convection in a porous layer	Journal of the Indian Chemical Society	92	6	1019	1022	0.16	http://dx.doi.org/10.1007/s12034-014-0832-5
689	Nirosha, M.; Kalainathan, S.	Mechanical studies, surface analysis, luminescence studies of an organic NLO material: 5-Nitroindole	Journal of the Indian Chemical Society	92	5	702	704	0.16	https://link.springer.com/article/10.1007/s12034-015-0915-y
690	Sythana, Suresh Kumar; Bhagat, Pundlik R.	Metal free C-O bond formation in electron deficient aromatic compounds mediated by tetrabutylaminonium hydroxide : Application to nimesulide and paracetamol	Journal of the Indian Chemical Society	92	4	563	565	0.16	https://www.ias.ac.in/article/fulltext/boms/038/03/0679-0688
691	Nellaiappan, Subramanian; Kumar, Annamalai Senthil	Methyl orange dye immobilized multi-walled carbon nanotube modified electrode for a selective electrochemical sensing of ascorbic acid at potential	Journal of the Indian Chemical Society	92	4	481	484	0.16	https://link.springer.com/article/10.1007/s12034-015-0879-y

692	Muskawar, Prashant Narayan; Aher, Sainath Babaji; Bhagat, Pundlik Rambhau	Mild and efficient synthesis of chalcone via Claisen-Schmidt condensation reaction using dicationic benzimidazolium based ionic liquid	Journal of the Indian Chemical Society	92	6	883	885	0.16	https://link.springer.com/article/10.1007/s12034-015-0940-x
693	Lavinya, Baskaran Udhaya; Vedi, Mahima; Martin, Sherry Joseph; Srilekha, Nithyanantham; Kumar, Babu Saran; Rasool, Mahaboobkhan; Sabina, Evan Prince	Mitigation of biochemical and histological effects of bromobenzene on the hepatic system in rats by the Indian herbal drug formulation Triphala	Journal of the Indian Chemical Society	92	4	566	569	0.16	https://doi.org/10.4134/BKMS.2015.52.6.1839
694	Suhasini, R.; Inamdar, Poonam R.; Sheela, A.	Mixed ligand based copper(II) complex and its antimicrobial activity	Journal of the Indian Chemical Society	92	5	705	707	0.16	https://doi.org/10.1002/cjce.22195
695	Manimaran, Manickavelu; Sanjenbam, Pratibha; Kannabiran, Krishnan	Molecular docking approach for anti-sinusitic activity of pyrrolo[1,2-alpha]Pyrazine1,4-dionehexahydro-3-(phenylmethyl) - extracted from Streptorityces sp VITPK9	Journal of the Indian Chemical Society	92	4	570	572	0.16	https://doi.org/10.1179/1879139515Y.0000000001
696	Gayathri, Prakasam; Kumar, Annamalai Senthil	MWCNT-chitosan composite chemically modified electrode as an electrochemical detector for highly selective flow injection analysis of H2O2	Journal of the Indian Chemical Society	92	4	485	488	0.16	https://doi.org/10.1007/s12013-014-0372-z
697	Charan K T Prabhu; Pothanagandhi Nellepalli; Manojkumar Kasina; Ranjarr Prabodh; Vijayakrishna Kari; Sivaramakrishna Akella; Koteswaraiah Podili	Notable anti-vermicidal activity of polymeric ionic liquids against Pheretima posthuma	Journal of the Indian Chemical Society	92	4	573	576	0.16	https://doi.org/10.1007/s12013-014-0379-5
698	Haque, Sk Ershadul; Sheela, A.	Photocatalytic study of cubic and mixed phase of nano cadmium sulphide	Journal of the Indian Chemical Society	92	5	717	720	0.16	https://doi.org/10.1007/s12013-014-0367-9

699	Pandey, Rachit; Hisaria, Raunak; Roy, Rajdeep; Nalini, E.; Vijayakumar, V.; Gothandam, K. M.; Karthikeyan, S.	Phytochemical and antimicrobial studies of green leafy vegetables and its enhanced bioactive properties upon fortification with probiotic Lactobacilli acidophilus	Journal of the Indian Chemical Society	92	6	886	890	0.16	https://doi.org/10.1007/s10565-015-9305-x
700	Vinodhini, V.; Himaja, M.; Saraswathi, V. Sai; Kumar, S. R. Sathish; Rao, V. K. Bhaskara	Phytochemical investigation and In vitro biological screening of Curcuma zedoaria	Journal of the Indian Chemical Society	92	6	895	897	0.16	https://doi.org/10.1038/cmi.2014.67
701	Kumar, Annamalai Senthil; Buvaneswari, G.; Vijayakumar, V.	PREFACE	Journal of the Indian Chemical Society	92	6	832	832	0.16	http://www.cellulosechemtechnol.ro/pdf/CCT1(2015)/p.69-80.pdf
702	Kumar, Annamalai Senthil; Buvaneswari, G.; Vijayakumar, V.	PREFACE	Journal of the Indian Chemical Society	92	5	620	620	0.16	https://doi.org/10.12700/APH.12.5.2015.5.8
703	Kumar, Annamalai Senthil; Buvaneswari, G.; Vijayakumar, V.	PREFACE	Journal of the Indian Chemical Society	92	4	428	428	0.16	https://doi.org/10.1016/j.ceramint.2014.10.002
704	Kamil, M. S. M.; Manikandan, K.; Elangovan, S. P.; Cheralathan, K. K.	Preparation and catalytic activity of mesoporous Al-SBA-16 solid acid catalysts	Journal of the Indian Chemical Society	92	5	721	723	0.16	https://doi.org/10.1016/j.ceramint.2014.09.116
705	Upadhyay, Anjali; Karpagam, S.	Preparation and characterization of new donor-acceptor conjugated polymer derived from quinoline and earbazole	Journal of the Indian Chemical Society	92	5	724	728	0.16	https://doi.org/10.1016/j.ceramint.2014.07.101
706	Vishnu, Nandimalla; Kumar, Annamalai Senthil	Selective electrochemical detection of ascorbic acid in canned juice using aniline/N-(1-naphthyl)ethylene-diamine modified MWCNT electrode	Journal of the Indian Chemical Society	92	4	489	492	0.16	https://doi.org/10.1016/j.ceramint.2014.08.109
707	Meena, R.; Ethiraj, K. R.; Asharani, I. V.	Silver nanoparticle catalyzed degradation of textile dyes	Journal of the Indian Chemical Society	92	6	1034	1037	0.16	https://doi.org/10.1016/j.ceramint.2014.12.043
708	Thangaraj, Rajendiran; Kumar, Annamalai Senthil	Simultaneous differential pulse voltammetric analysis of guanine and adenine using graphitized carbon nanofibers modified electrode	Journal of the Indian Chemical Society	92	4	493	496	0.16	https://doi.org/10.1016/j.chaos.2015.10.002
709	Kalpana, J.; Himaja, M.	Simultaneous quantitation of corticosteroid drugs with their specified impurities using liquid chromatography	Journal of the Indian Chemical Society	92	4	585	588	0.16	https://doi.org/10.1515/chempap-2015-0150

710	Srivastava A., Koppala S., Nasina M.R., Sasikumar S.	Sodium calcium silicate/chitosan caomposites for hard tissue applications	Journal of the Indian Chemical Society	92	5	736	738	0.16	https://doi.org/10.1016/j.cbi.2015.02.007
711	Mariajancyrani, J.; Chandramohan, G.; Santhakumar, K.; Saivaraj, S.; Savaranan, P.	Steroids and antioxidant activity from Lantana camara leaves	Journal of the Indian Chemical Society	92	4	597	599	0.16	https://doi.org/10.1007/s10593-015-1706-5
712	Ayeshamariam, A.; Kashif, M.; Saravanakumar, D.; Muthuraja, S.; Jayachandran, M.; Bououdina, M.	Structural, morphological and optical characterisation of electrodeposited ZnSe thin films	Journal of the Indian Chemical Society	92	5	747	754	0.16	https://doi.org/10.1002/open.201402082
713	Muthuraja, S.; Balakrishnan, L.; Govardhan, K.; Roopan, S. Mohana; Kumaran, S. Manoj	Structural, optical, morphological and organic vapours sensing properties of SnO2 nanostructures	Journal of the Indian Chemical Society	92	5	755	759	0.16	https://doi.org/10.1002/cssc.201501139
714	Srilekha, N.; Sabina, E. P.; Lalitha, S.; Selvam, P.; Vidya, R.; Raj, N. Arunai Nambi	Studies on induction of organic crystals in Wister rat models and its interaction with Withania somnifera	Journal of the Indian Chemical Society	92	4	600	602	0.16	https://doi.org/10.1016/j.cclet.2015.01.008
715	Goud, E. Veerashekhar; Pavankumar, B. B.; Reddy, B. Hari Prasad; Vijayakrishna, Kari; Sivaramakrishna, Akella; Sabharwal, K. N.; Rao, C. V. S. Brahmananda	Studies on synthesis and coordination chemistry of catechol based phosphine oxides	Journal of the Indian Chemical Society	92	5	760	762	0.16	https://doi.org/10.1016/S1872-2067(15)60886-5
716	Senthil K; Kalainathan S; Kumar A Ruban	Studies on the growth, spectral, optical and mechanical properties of organic single crystal: 2-[2-(4-Diethylamino-phenyl)-vinyl]-1-ethyl-pyridiniumiodide monohydrate	Journal of the Indian Chemical Society	92	5	763	765	0.16	https://doi.org/10.1016/j.cjche.2014.05.024
717	Pradhan, Basant; Mandal, Badal Kumar	Study of water quality of three major rivers of Bhutan	Journal of the Indian Chemical Society	92	4	497	500	0.16	https://doi.org/10.1007/s11655-014-1786-y

718	Rajan Reshma; Raj N Arunai Nambi; Madeswaran S; Babu D Rajan	Study on the dielectric behaviour of magnesium ammonium phosphate hexahydrate pellets in room temperature	Journal of the Indian Chemical Society	92	5	766	768	0.16	https://doi.org/10.1007/s00034-014-9845-y
719	Himaja, M.; Sirisha, B.; Das, Moonjit; Munirajsekhar, D.	Synthesis and anthelmintic activity studies of 1-substituted benzimidazole derivatives	Journal of the Indian Chemical Society	92	6	908	910	0.16	https://doi.org/10.1007/s00034-015-0038-0
720	Suman, Pothini; Janardan, Sannapaneni; Bagad, Mayur; Vijayakrishna, Kari; Khan, Zaved Ahmed; Siva, Ramamoorthy; Sivaramakrishna, Akella	Synthesis and antibacterial studies of novel hydrazide based thorium(IV) and lanthanum(III) complexes	Journal of the Indian Chemical Society	92	5	769	772	0.16	https://doi.org/10.1002/clen.201400133
721	Choudhary R., Raj R., Sasikumar S.	Synthesis and characterization of diopside by sol-gel combustion method by using L-alanine as a fuel for biomedical applications	Journal of the Indian Chemical Society	92	-	773	776	0.16	https://doi.org/10.1016/j.colsurfa.2015.01.065
722	Pasha, Sk. Khadeer; Chidambaram, K.	Synthesis and characterization of nano lead oxide gas sensors	Journal of the Indian Chemical Society	92	5	777	779	0.16	https://doi.org/10.1016/j.colsurfa.2015.09.013
723	Samuel Blassan; Pathak Madhvesh; Kim Kap Jin	Synthesis and characterization of new heteroleptic derivatives of titanium(IV) derived from 2-hydroxy-4-methoxy-benzophenone: A new precursors for the synthesis of nano sized titania	Journal of the Indian Chemical Society	92	5	780	783	0.16	https://doi.org/10.1016/j.colsurfb.2015.02.034
724	Ravichandran, Y. Dominic; Kishor, Rachna; Hariharasubramanian, A.; Priya, K. Mohana; Khora, Samanta S.	Synthesis and characterization of N-substituted benzimidazole derivatives and study of their antibacterial and antifungal activity	Journal of the Indian Chemical Society	92	6	915	917	0.16	https://doi.org/10.1016/j.colsurfb.2015.02.006

725	Sravani, Chinduluri; Venkatesh, Sadhana; Madhesan, H.; Vijayakrishna, Kari; Aswanikumar, Cherukuri; Sivaramakrishna, Akella	Synthesis and characterization of platinacyclosulfides derived from platinum based heterobimetallic carbonyl clusters	Journal of the Indian Chemical Society	92	5	787	791	0.16	https://doi.org/10.1080/15685543.2015.999215
726	Mandal, Badal Kumar; Kumar, H. A. Kiran	Synthesis and characterization of ZnO and Al2O3 nanoparticles and their application in the chromium remediation studies	Journal of the Indian Chemical Society	92	5	796	799	0.16	https://doi.org/10.1080/09276440.2015.1056688
727	Angajala, Gangadhara; Subashini, R.	Synthesis and docking studies of novel quinoline substituted thiobarbituric acid derivatives as potential therapeutic agents for type-II diabetes	Journal of the Indian Chemical Society	92	6	918	920	0.16	https://doi.org/10.1016/j.compbiolchem.2015.04.011
728	Chellappa, M.; Anjaneyulu, U.; Manivasagam, Geetha; Vijayalakshmi, U.	Synthesis and In vitro electrochemical study of composite coatings on implant by electrophoretic deposition	Journal of the Indian Chemical Society	92	4	501	504	0.16	https://doi.org/10.1093/comjnl/bxv021
729	Senthilkumar, Natarajan; Ravichandran, Yesudass Dominic	Synthesis and study the anti-proliferative effect of new series of 1H-imidazo[4,5-c]quinoline derivatives in MCF-7 (human breast cancer) cells	Journal of the Indian Chemical Society	92	6	921	924	0.16	https://doi.org/10.1093/comjnl/bxu031
730	Lokesh, Budigi; Vijayaraghavan, R.; Rao, N. Madhusudhana	Synthesis, characterization and optical properties of nitrogen-doped ZnTiO3	Journal of the Indian Chemical Society	92	5	804	807	0.16	https://doi.org/10.1016/j.compbiomed.2015.07.028
731	Angajala, Gangadhara; Napoleon, Ayyakannu Arumugam; Khan, F. Nawaz	Synthesis, characterization and pharmacological studies of novel isocoumarins derived from two anti-inflammatory drugs - Diclofenac and Aceclofenac	Journal of the Indian Chemical Society	92	4	603	607	0.16	https://doi.org/10.1016/j.compbiomed.2015.06.016
732	Agilandeswari K; Kumar A Ruban	Synthesis, characterization; optical and dielectric studies of layered K0.5CoO2 oxide material	Journal of the Indian Chemical Society	92	5	811	814	0.16	https://doi.org/10.1016/j.compbiomed.2015.02.014
733	Himaja, M.; Das, Poppy; Rout, Pradeep K.; Sharma, Sanjay	Synthesis, docking and biological evaluation of some NSAID derivatives of amino acids	Journal of the Indian Chemical Society	92	6	963	966	0.16	https://doi.org/10.1016/j.conbuildmat.2014.12.108

734	Vijayalakshmi, M.; Babu, D. Rajan; Vizhi, R. Ezhil	Synthesis, growth and characterizations of organic nonlinear optical material: 4-chloroaniline	Journal of the Indian Chemical Society	92	5	815	817	0.16	https://doi.org/10.1179/1743278214Y.0000000176
735	Das Poppy; Himaja M	Synthesis of linear tetrapeptide : Ile-Ala-Leu-Leu with potent anthelmintic activity	Journal of the Indian Chemical Society	92	6	929	932	0.16	https://www.researchgate.net/profile/Vickram_Sundaram/publication/286304256_Effect_of_various_biomolecules_for_normal_functioning_of_human_sperm_for_fertilization_A_review/links/566ff62608aec0bb67c1684d/Effect-of-various-biomolecules-for-normal-functioning-of-human-sperm-for-fertilization-A-review.pdf
736	Santhosh, C.; Saranya, M.; Ramachandran, R.; Pradeep, N.; Uma, V.; Kollu, Pratap; Grace, A. Nirmala	Synthesis of magnetic nanoparticles and their effect on growth of carbon nanotubes	Journal of the Indian Chemical Society	92	5	800	803	0.16	https://www.ingentaconnect.com/content/cryo/cryo/2015/00000036/00000006/art00007
737	Reddy, H. Raveendranatha; Aggile, Kadirappa; Subashini, R.	Synthesis of N-acetyl pyrazole and its analogues	Journal of the Indian Chemical Society	92	6	933	936	0.16	https://doi.org/10.1002/crat.201400150
738	Sakthivel, Pachagounder; Kumar, S. K. Ashok; Thangamuthu, R.; Jin, Sung-Ho	Synthesis of new carbazole substituted fullerene derivative as an electron acceptor for bulk heterojunction organic photovoltaic cell applications	Journal of the Indian Chemical Society	92	6	937	939	0.16	https://doi.org/10.1002/crat.201400151
739	Tummalapalli Kiran; Giri Prasanth Vuppalapati; Samuel Blassan; Pathak Madhvesh; Kim Kap Jin	Synthetic studies and structural aspects of metallacyclic derivatives of tin(IV): Better precursors for SnO2	Journal of the Indian Chemical Society	92	5	818	821	0.16	https://doi.org/10.1039/c4ce02327g
740	Shivashankar, Murugesh; Uma, Kaliappan	The new spectrophotometric methods for the estimation of butorphanol tartarate in bulk and pharmaceutical formulations	Journal of the Indian Chemical Society	92	4	608	611	0.16	https://doi.org/10.1016/j.cap.2015.09.009

741	Velmurugan, V.; Ramachandran, R.; Raina, J. P.	Thermal property analysis of epoxy based silver nanocomposites	Journal of the Indian Chemical Society	92	5	822	824	0.16	http://www.eurekaselect.com/135299/article
742	Sravanthi, T. V.; Manju, S. L.	An improved Bischler indole synthesis to obtain 2-arylindole scaffolds	Journal of the Indian Chemical Society	92	6	843	846	0.16	http://www.eurekaselect.com/128725/article
743	Reddy, C. B. Rajashekar; Reddy, Sabbasani Rajasekhara; Shivaji, Naidu; Muralidhar, B.; Jayachandra, R.	An improved, practical and efficient method for the synthesis of novel N-chloro derivatives using calcium hypochlorite	Journal of the Indian Chemical Society	92	6	847	850	0.16	https://www.researchgate.net/profile/Durairaj_Sekar3/publication/270515373_Role_of_MicroRNA_21_in_Mesenchymal_Stem_Cell_MSC_Differentiation_A_Powerful_Biomarker_in_MSCs_Derived_Cells/links/59c76ee60f7e9bd2c0143d6a/Role-of-MicroRNA-21-in-Mesenchymal-Stem-Cell-MSC-Differentiation-A-Powerful-Biomarker-in-MSCs-Derived-Cells.pdf
744	Ghosh, Vijayalakshmi; Mukherjee, Amitava; Chandrasekaran, Natarajan	Antibacterial activity of plant essential oil microemulsion against wound isolate Macrococcus caseolyticus	Journal of the Indian Chemical Society	92	4	505	508	0.16	https://www.ingentaconnect.com/content/ben/ctmc/2015/00000015/00000001/art00012
745	Roopan, Selvaraj Mohana; Khan, Fazlur Rahman Nawaz; Elango, Ganesh	Antidermatophytic studies of some 2-chloro-quinoline analogues	Journal of the Indian Chemical Society	92	6	851	853	0.16	https://doi.org/10.1159/000437196
746	Bhavapriya, R.; George, Leema; Vidya, R.; Venkatraman, M.; Tamizhselvi, R.; Sathiyanarayanan, K. I.	Antimicrobial assay on synthetic phenanthridine derivatives	Journal of the Indian Chemical Society	92	6	854	856	0.16	https://doi.org/10.1039/c4dt03470h
747	Inamdar, Poonam R.; Vickram, A. S.; Sridharan, T. B.; Sheela, A.	Assessment of DNA binding mode, chemical nuclease activity and docking studies of novel vanadyl complexes	Journal of the Indian Chemical Society	92	5	627	629	0.16	https://doi.org/10.1016/j.desal.2015.01.011

748	Vedi, Mahima; Martin, Sherry Joseph; Lavinya, Baskaran Udhaya; Bhattacharya, Yashodhara; Swaminathan, Monisha; Tandon, Shreni; Rasool, Mahaboobkhan; Sabina, Evan Prince	Attenuation of the toxic effects of bromobenzene on the kidneys in Wistar albino rats by the blue green algae spirulina fusiformis	Journal of the Indian Chemical Society	92	4	509	513	0.16	https://doi.org/10.1016/j.desal.2015.08.006
749	Lakshmi R., Sasikumar S.	Bioactive wollsatonite synthesized by sol-gel combustion method by using tartaric acid as a fuel for bone regenerative applications	Journal of the Indian Chemical Society	92	-	630	633	0.16	https://doi.org/10.1080/19443994.2013.879082
750	Lakshmipathy, R.; Sarada, N. C.	Biosorptive removal of methylene blue from aqueous solution by chemically activated watermelon rind as adsorbent	Journal of the Indian Chemical Society	92	6	999	1002	0.16	https://doi.org/10.1080/19443994.2013.857615
751	Saral, A. Mary; Chandrakala, V.	Bootstrap confidence interval approach to compare bioavailability of nasal levodopa microspheres vs intranasal levodopa carbidopa formulation in brain	Journal of the Indian Chemical Society	92	4	514	517	0.16	https://doi.org/10.1080/19443994.2013.870051
752	Anitha P; Swetha R G; Anbarasu Anand; Ramaiah Sudha	Cation-pi interaction in metalloproteins: A bioinformatics approach	Journal of the Indian Chemical Society	92	4	518	520	0.16	https://doi.org/10.1080/19443994.2014.942702
753	Khutia, Moumita; Joshi, Girish M.; Deshmukh, Kalim; Panday, Mayank	CCB/NiO mixture as electrolyte material	Journal of the Indian Chemical Society	92	5	634	636	0.16	https://doi.org/10.1111/dgd.12193
754	Venkatesan, K.; Supriya, R.; Bai, M. P. Kavya; Madeswaran, S.; Vidya, R.; Babu, D. Rajan	Cobalt ferrite (CoFe2O4) nanoparticles for evaluation of antibacterial activity	Journal of the Indian Chemical Society	92	5	637	639	0.16	https://doi.org/10.1179/1743676115Y.0000000003
755	Mandal, Badal Kumar; Venkatesh, V. K.; Kumar, H. A. Kiran	Co-EDTA NPs for the removal of chromium from waste water	Journal of the Indian Chemical Society	92	5	640	644	0.16	https://doi.org/10.1016/j.dsp.2014.09.016

756	Aswar, Sachin Arunrao; Bhagat, Pundlik Rambhau	Comparative evaluation of CO2 capture by N,N-dimethylamine N-ethylamine chitosan and N-cinnamoyl chitosan	Journal of the Indian Chemical Society	92	6	860	862	0.16	https://doi.org/10.1016/j.disopt.2015.03.001
757	Thenmozhi, K.; Narayanan, S. Sriman	Covalently immobilized toluidine blue/sol-gel film electrode for the amperometric determination of hydrogen peroxide	Journal of the Indian Chemical Society	92	4	443	446	0.16	https://doi.org/10.1016/j.dyepig.2015.08.024
758	Gadamsetty, Ganesh; Tyagi, Abhishek; Venugopalarao, G.; Sarada, N. C.	Cytotoxic activity of methanolic leaf extract of Drypetes sepiaria with caspase-3 activation potential in human cervical cancer (HeLa) cell line	Journal of the Indian Chemical Society	92	4	521	524	0.16	https://doi.org/10.1016/j.dyepig.2015.05.014
759	Babu, G. V. Sudhir; Das, Moonjit; Himaja, M.	Design and synthesis of NSAIDs derivatives as antioxidant agents	Journal of the Indian Chemical Society	92	6	863	866	0.16	https://doi.org/10.1016/j.ecoleng.2015.04.072
760	Shivashankar, M.; Dee, Mrinal Kanti; Venkateshwarlu	Development and validation of a RP-HPLC method for the determination of dextromethorphan HBr, chlorophenirarnine maleate and phenyl propanolamine HCl in pharmaceutical preparations	Journal of the Indian Chemical Society	92	4	525	528	0.16	https://doi.org/10.1016/j.ecoleng.2014.11.037
761	Joseph, Jayapal John; Sangeetha, D.	Development and validation of HPLC method for simultaneous determination of Hydrochlorothiazide and Alfuzosin	Journal of the Indian Chemical Society	92	4	529	531	0.16	https://doi.org/10.1016/j.ecoleng.2015.09.079
762	Ravichandran Y Dominic; Villaret T; Rajesh R	Development of a tricomponent composite graphene oxide-chitosan-hydroxy-apatite for bone tissue engineering	Journal of the Indian Chemical Society	92	5	649	651	0.16	https://doi.org/10.1186/s13662-015-0637-x
763	Barathi, Palani; Kumar, Annamalai Senthil	Development of selective electrochemical detector for hydrazine in water samples using nickel hexacyanoferrate modified disposable gold electrode	Journal of the Indian Chemical Society	92	4	451	454	0.16	https://doi.org/10.1016/j.electacta.2015.08.010
764	Khiratkar, Avinash Ganesh; Beknalkar, Sumedh Sudhir; Kashettiwar, Saket Sanjay; Bhagat, Pundlik Rambhau	Adsorption characteristics of lead(II) ions onto benzimidazolium based polymeric ionic liquid from aqueous solutions	Journal of the Indian Chemical Society	92	6	991	994	0.16	https://doi.org/10.1049/el.2015.0411

765	Devi, Kalyana Sundaram Shalini; Kumar, Annamalai Senthil	Adsorptive detection of ethoxyquin on multi-walled carbon nanotube modified.glassy carbon electrode	Journal of the Indian Chemical Society	92	4	435	438	0.16	https://doi.org/10.1016/j.egyr.2015.03.002
766	Prasanna S., Maran E.	Stock market prediction using clustering with meta-heuristic approaches	Gazi University Journal of Science	28	3	395	403	0.07	https://doi.org/10.4186/ej.2015.19.1.21