

SELECTED PUBLICATIONS DURING - 2016

S.No	Authors	Title of the Article	Name of the Journal	Vol.	Issue	Page No. Start	Page No. End	Impact Factor	DOI
1	Nelson, Everette J. R.; Tuschong, Laura M.; Hickstein, Dennis D.	Lentiviral Vectors Incorporating Ubiquitous Chromatin Opening Element Driving Canine CD18 Expression	BLOOD	128	22	-	-	16.56	http://www.bloodjournal.org/content/128/22/5890.abstract?sso-checked=true
2	Suresh P.K.	Physicochemical properties, biomolecular corona, bioactivity, and pharmacology-based issues of biopolymers: A brief overview. Letter in response to an opinion article published in trends in biotechnology: Wang, C. and Dong, L. (2015) Exploring 'new' bioac	Trends in Biotechnology	34	2	85	86	13.75	https://doi.org/10.1016/j.tibtech.2015.12.003
3	Saravanan S., Ramesh Babu N.	Maximum power point tracking algorithms for photovoltaic system - A review	Renewable and Sustainable Energy Reviews	57	-	192	204	10.56	https://doi.org/10.1016/j.rser.2015.12.105
4	Sri Revathi B., Prabhakar M.	Non isolated high gain DC-DC converter topologies for PV applications - A comprehensive review	Renewable and Sustainable Energy Reviews	66	-	920	933	10.56	https://doi.org/10.1016/j.rser.2016.08.057
5	Tiwari R., Babu N.R.	Recent developments of control strategies for wind energy conversion system	Renewable and Sustainable Energy Reviews	66	-	268	285	10.56	https://doi.org/10.1016/j.rser.2016.08.005
6	Sahoo S.K.	Renewable and sustainable energy reviews solar photovoltaic energy progress in India: A review	Renewable and Sustainable Energy Reviews	59	-	927	939	10.56	https://doi.org/10.1016/j.rser.2016.01.049
7	Esther B.P., Kumar K.S.	A survey on residential Demand Side Management architecture, approaches, optimization models and methods	Renewable and Sustainable Energy Reviews	59	-	342	351	10.56	https://doi.org/10.1016/j.rser.2015.12.282
8	Monica P., Kowsalya M.	Control strategies of parallel operated inverters in renewable energy application: A review	Renewable and Sustainable Energy Reviews	65	-	885	901	10.56	https://doi.org/10.1016/j.rser.2016.06.075
9	Gayathri C.H., Mayuri P., Sankaran K., Kumar A.S.	An electrochemical immunosensor for efficient detection of uropathogenic E. Coli based on thionine dye immobilized chitosan/functionalized-MWCNT modified electrode	Biosensors and Bioelectronics	82	-	71	77	9.52	https://doi.org/10.1016/j.bios.2016.03.062

10	Palanichamy K., Thirumoorthy K., Kanji S., Gordon N., Singh R., Jacob J.R., Sebastian N., Litzenberg K.T., Patel D., Bassett E., Ramasubramanian B., Lautenschlaeger T., Fischer S.M., Ray-Chaudhury A., Chakravarti A.	Methionine and kynurenine activate oncogenic kinases in glioblastoma, and methionine deprivation compromises proliferation	Clinical Cancer Research	22	14	3513	3523	8.91	https://doi.org/10.1158/1078-0432.CCR-15-2308
11	Arun Shankar V.K., Umashankar S., Paramasivam S., Hanigovszki N.	A comprehensive review on energy efficiency enhancement initiatives in centrifugal pumping system	Applied Energy	181	-	495	513	8.43	https://doi.org/10.1016/j.apenergy.2016.08.070
12	Thangaraja J., Kannan C.	Effect of exhaust gas recirculation on advanced diesel combustion and alternate fuels - A review	Applied Energy	180	-	169	184	8.43	https://doi.org/10.1016/j.apenergy.2016.07.096
13	Subramaniam A., Sindhu N., Tandon S.N., Rao N.K., Postma J., C��t�� P., Hutchings J.B., Ghosh S.K., George K., Girish V., Mohan R., Murthy J., Sankarasubramanian K., Stalin C.S., Sutaria F., Mondal C., Sahu S.	A HOT COMPANION to A BLUE STRAGGLER in NGC 188 AS REVEALED by the ULTRA-VIOLET IMAGING TELESCOPE (UVIT) on ASTROSAT	Astrophysical Journal Letters	833	2	-	-	8.37	https://doi.org/10.3847/2041-8213/833/2/L27
14	Santhosh C., Velmurugan V., Jacob G., Jeong S.K., Grace A.N., Bhatnagar A.	Role of nanomaterials in water treatment applications: A review	Chemical Engineering Journal	306	-	1116	1137	8.36	https://doi.org/10.1016/j.cej.2016.08.053
15	Konikkara N., Kennedy L.J., Vijaya J.J.	Preparation and characterization of hierarchical porous carbons derived from solid leather waste for supercapacitor applications	Journal of Hazardous Materials	318	-	173	185	7.65	https://doi.org/10.1016/j.jhazmat.2016.06.037
16	Koushik D., Sen Gupta S., Maliyekkal S.M., Pradeep T.	Rapid dehalogenation of pesticides and organics at the interface of reduced graphene oxide-silver nanocomposite	Journal of Hazardous Materials	308	-	192	198	7.65	https://doi.org/10.1016/j.jhazmat.2016.01.004
17	Nanthagopal K., Ashok B., Karuppa Raj R.T.	Influence of fuel injection pressures on Calophyllum inophyllum methyl ester fuelled direct injection diesel engine	Energy Conversion and Management	116	-	165	173	7.18	https://doi.org/10.1016/j.enconman.2016.03.002
18	Prabaharan N., Palanisamy K.	Analysis and integration of multilevel inverter configuration with boost converters in a photovoltaic system	Energy Conversion and Management	128	-	327	342	7.18	https://doi.org/10.1016/j.enconman.2016.09.088
19	Saravanan S., Ramesh Babu N.	RBFN based MPPT algorithm for PV system with high step up converter	Energy Conversion and Management	122	-	239	251	7.18	https://doi.org/10.1016/j.enconman.2016.05.076

20	Annamalai M., Dhinesh B., Nanthagopal K., SivaramaKrishnan P., Isaac JoshuaRamesh Lalvani J., Parthasarathy M., Annamalai K.	An assessment on performance, combustion and emission behavior of a diesel engine powered by ceria nanoparticle blended emulsified biofuel	Energy Conversion and Management	123	-	372	380	7.18	https://doi.org/10.1016/j.enconman.2016.06.062
21	Kumar K.S., Raj R.T.K.	Effect of Di-Tertiary Butyl Peroxide on the performance, combustion and emission characteristics of ethanol blended cotton seed methyl ester fuelled automotive diesel engine	Energy Conversion and Management	127	-	1	10	7.18	https://doi.org/10.1016/j.enconman.2016.08.091
22	Ganesapillai M., Manara P., Zabaniotou A.	Effect of microwave pretreatment on pyrolysis of crude glycerol-olive kernel alternative fuels	Energy Conversion and Management	110	-	287	295	7.18	https://doi.org/10.1016/j.enconman.2015.12.045
23	Dutta, D.; Abarna, R.; Kannan, V.; Sreepakash; Rayappa, C.; Anbalagan, M.	Identification of novel mutation in APE1 gene in head and neck cancer patient	EUROPEAN JOURNAL OF CANCER	54	-	S2	S3	6.68	-
24	Patel, T.	Atomic insight into the altered O6- methylguanine-DNA methyltransferase protein architecture in gastric cancer	EUROPEAN JOURNAL OF CANCER	54	-	S45	S45	6.68	-
25	Umamahesh B., Karthikeyan N.S., Sathiyarayanan K.I., Malicka J.M., Cocchi M.	Tetrazole iridium(III) complexes as a class of phosphorescent emitters for high-efficiency OLEDs	Journal of Materials Chemistry C	4	42	10053	10060	6.64	https://doi.org/10.1039/c6tc03217f
26	Mishra A.K., Dubey V., Ghosh A.R.	Obesity: An overview of possible role(s) of gut hormones, lipid sensing and gut microbiota	Metabolism: Clinical and Experimental	65	1	48	65	6.51	https://doi.org/10.1016/j.metabol.2015.10.008
27	Kumar A.S., Shanmugam R., Nellaiappan S., Thangaraj R.	Tea quality assessment by analyzing key polyphenolic functional groups using flow injection analysis coupled with a dual electrochemical detector	Sensors and Actuators, B: Chemical	227	-	352	361	6.39	https://doi.org/10.1016/j.snb.2015.12.072
28	Shankar T., Shanmugavel S., Rajesh A.	Hybrid HSA and PSO algorithm for energy efficient cluster head selection in wireless sensor networks	Swarm and Evolutionary Computation	30	-	1	10	6.33	https://doi.org/10.1016/j.swevo.2016.03.003
29	Rajkumar S., Antony Savarimuthu S., Senthil Kumaran R., Nagaraja C.M., Gandhi T.	Expedient synthesis of new cinnoline diones by Ru-catalyzed regioselective unexpected deoxygenation-oxidative annulation of propargyl alcohols with phthalazinones and pyridazinones	Chemical Communications	52	12	2509	2512	6.16	https://doi.org/10.1039/c5cc09347c
30	Gnana Swathika O.V., Hemamalini S.	Prims-Aided Dijkstra Algorithm for Adaptive Protection in Microgrids	IEEE Journal of Emerging and Selected Topics in Power Electronics	4	4	1279	1286	5.97	https://doi.org/10.1109/JESTPE.2016.2581986

31	Anni J.S., Sangaiah A.K.	Wireless Integrated Sensor Network: Boundary Intellect system for elephant detection via cognitive theory and Fuzzy Cognitive Maps	Future Generation Computer Systems	83	-	522	534	5.77	https://doi.org/10.1016/j.future.2017.02.019
32	Xiao X., Chen C., Sangaiah A.K., Hu G., Ye R., Jiang Y.	CenLocShare: A centralized privacy-preserving location-sharing system for mobile online social networks	Future Generation Computer Systems	86	-	863	872	5.77	https://doi.org/10.1016/j.future.2017.01.035
33	Prabhakaran S., Kalainathan S.	Warm laser shock peening without coating induced phase transformations and pinning effect on fatigue life of low-alloy steel	Materials and Design	107	-	98	107	5.77	https://doi.org/10.1016/j.matdes.2016.06.026
34	Parimisetty A., Dorsemans A.-C., Awada R., Ravanan P., Diotel N., Lefebvre d'Hellencourt C.	Secret talk between adipose tissue and central nervous system via secreted factors-an emerging frontier in the neurodegenerative research	Journal of Neuroinflammation	13	1	-	-	5.7	https://doi.org/10.1186/s12974-016-0530-x
35	Eappen N.I., Sreenivasulu Reddy T., Ramachandra Reddy G.	Semiparametric Algorithm for Processing MST Radar Data	IEEE Transactions on Geoscience and Remote Sensing	54	5	2713	2721	5.63	https://doi.org/10.1109/TGRS.2015.2504949
36	Gnanasekaran S., Saravanan N., Ilangkumaran M.	Influence of injection timing on performance, emission and combustion characteristics of a DI diesel engine running on fish oil biodiesel	Energy	116	-	1218	1229	5.54	https://doi.org/10.1016/j.energy.2016.10.039
37	Arun Saco S., Thundil Karuppa Raj R., Karthikeyan P.	A study on scaled up proton exchange membrane fuel cell with various flow channels for optimizing power output by effective water management using numerical technique	Energy	113	-	558	573	5.54	https://doi.org/10.1016/j.energy.2016.07.079
38	Manimaran R.	Computational analysis of energy separation in a counter-flow vortex tube based on inlet shape and aspect ratio	Energy	107	-	17	28	5.54	https://doi.org/10.1016/j.energy.2016.04.005
39	Adarsh B.R., Raghunathan T., Jayabarathi T., Yang X.-S.	Economic dispatch using chaotic bat algorithm	Energy	96	-	666	675	5.54	https://doi.org/10.1016/j.energy.2015.12.096
40	Jayabarathi T., Raghunathan T., Adarsh B.R., Suganthan P.N.	Economic dispatch using hybrid grey wolf optimizer	Energy	111	-	630	641	5.54	https://doi.org/10.1016/j.energy.2016.05.105
41	Thangavel V., Momula S.Y., Gosala D.B., Asvathanarayanan R.	Experimental studies on simultaneous injection of ethanol-gasoline and n-butanol-gasoline in the intake port of a four stroke SI engine	Renewable Energy	91	-	347	360	5.44	https://doi.org/10.1016/j.renene.2016.01.074
42	Chitra A., Himavathi S.	Investigation and analysis of high performance green energy induction motor drive with intelligent estimator	Renewable Energy	87	-	965	976	5.44	https://doi.org/10.1016/j.renene.2015.07.084

43	Chang W.-L., Kumar A.S., Wang S.-P., Yang C.-H., Shih Y.	Selective flow injection detection of zinc phenolsulfonate as oxidized intermediates using a pre-anodized screen printed carbon ring disk electrode coupled with a dual electrode system	Electrochimica Acta	195	-	199	207	5.38	https://doi.org/10.1016/j.electacta.2016.02.146
44	Shanmugam R., Barathi P., Zen J.-M., Kumar A.S.	An unusual electrochemical oxidation of phenothiazine dye to phenothiazine-bi-1,4-quinone derivative (a donor-acceptor type molecular hybrid) on MWCNT surface and its cysteine electrocatalytic oxidation function	Electrochimica Acta	187	-	34	45	5.38	https://doi.org/10.1016/j.electacta.2015.11.032
45	Jayaprakash A., Ramachandra Reddy G.	Covariance-Fitting-Based Blind Carrier Frequency Offset Estimation Method for OFDM Systems	IEEE Transactions on Vehicular Technology	65	12	10101	10105	5.34	https://doi.org/10.1109/TVT.2016.2542181
46	Tetala K.K.R., Vijayalakshmi M.A.	A review on recent developments for biomolecule separation at analytical scale using microfluidic devices	Analytica Chimica Acta	906	-	7	21	5.26	https://doi.org/10.1016/j.aca.2015.11.037
47	Thevarthundiyil, H. M. T.; Devakumar, D.; Heck, Danie Kingslin; Krishna, Sasidharan Balu; Singh, I. Rabi Raja; Oommen, Regi; Samuel, E. James Jebaseelan	Evolved Grow-cut: A PET based segmentation algorithm for heterogeneous tumors	RADIOTHERAPY AND ONCOLOGY	119	-	-	-	5.25	https://doi.org/10.1016/S0167-8140(16)32186-7
48	Wei L., Chintala S., Ciamporcero E., Ramakrishnan S., Elbanna M., Wang J., Hu Q., Glenn S.T., Murakami M., Liu L., Gomez E.C., Sun Y., Conroy J., Miles K.M., Malathi K., Ramaiah S., Anbarasu A., Woloszynska-Read A., Johnson C.S., Conroy J., Liu S., Morris	Genomic profiling is predictive of response to cisplatin treatment but not to PI3K inhibition in bladder cancer patient-derived xenografts	Oncotarget	7	47	76374	76389	5.16	https://doi.org/10.18632/oncotarget.13062
49	Natarajan S., Kumari J., Lakshmi D.S., Mathur A., Bhuvaneshwari M., Parashar A., Pulimi M., Chandrasekaran N., Mukherjee A.	Differences in antibacterial activity of PMMA/TiO ₂ /Ag nanocomposite on individual dominant bacterial isolates from packaged drinking water, and their consortium under UVC and dark conditions	Applied Surface Science	362	-	93	101	5.16	https://doi.org/10.1016/j.apsusc.2015.11.223

50	Sakthivel G.	Prediction of CI engine performance, emission and combustion characteristics using fish oil as a biodiesel at different injection timing using fuzzy logic	Fuel	183	-	214	229	5.13	https://doi.org/10.1016/j.fuel.2016.06.063
51	Nantha Gopal K., Thundil Karuppa Raj R.	Effect of pongamia oil methyl ester-diesel blend on lubricating oil degradation of di compression ignition engine	Fuel	165	-	105	114	5.13	https://doi.org/10.1016/j.fuel.2015.10.031
52	Vigneshvar s., Sudhakumari cc., Senthilkumaran b., Prakash h	Recent Advances in Biosensor Technology for Potential Applications - An Overview.	Frontiers in bioengineering and biotechnology	-	-	-	-	5.12	https://www.ncbi.nlm.nih.gov/pubmed/?term=Recent Advances in Biosensor Technology for Potential Applications - An Overview.
53	Raj E.D., Babu L.D.D.	A fuzzy adaptive resonance theory inspired overlapping community detection method for online social networks	Knowledge-Based Systems	113	-	75	87	5.1	https://doi.org/10.1016/j.knosys.2016.09.015
54	Rawat S., Patel A., Celestino J., Jr., dos Santos A.L.M.	A dominance based rough set classification system for fault diagnosis in electrical smart grid environments	Artificial Intelligence Review	46	3	389	411	5.1	https://doi.org/10.1007/s10462-016-9468-8
55	Vedi M., Sabina E.P.	Assessment of hepatoprotective and nephroprotective potential of withaferin A on bromobenzene-induced injury in Swiss albino mice: possible involvement of mitochondrial dysfunction and inflammation	Cell Biology and Toxicology	32	5	373	390	5.1	https://doi.org/10.1007/s10565-016-9340-2
56	Choi Y.J., Sivanesan D., Lee J., Youn M.H., Park K.T., Kim H.J., Grace A.N., Kim I.H., Jeong S.K.	Influences of zinc-metal complex on the carbon dioxide regeneration behaviors of alkanolamine absorbents	Journal of Industrial and Engineering Chemistry	34	-	76	83	4.98	https://doi.org/10.1016/j.jiec.2015.10.037
57	Krupa A.N.D., Vimala R.	Evaluation of tetraethoxysilane (TEOS) sol-gel coatings, modified with green synthesized zinc oxide nanoparticles for combating microfouling	Materials Science and Engineering C	61	-	728	735	4.96	https://doi.org/10.1016/j.msec.2016.01.013
58	Naraginti S., Kumari P.L., Das R.K., Sivakumar A., Patil S.H., Andhalkar V.V.	Amelioration of excision wounds by topical application of green synthesized, formulated silver and gold nanoparticles in albino Wistar rats	Materials Science and Engineering C	62	-	293	300	4.96	https://doi.org/10.1016/j.msec.2016.01.069
59	Choudhary R., Vecstaudza J., Krishnamurthy G., Raghavendran H.R.B., Murali M.R., Kamarul T., Sasikumar S., Locs J.	In-vitro bioactivity, biocompatibility and dissolution studies of diopside prepared from biowaste by using sol-gel combustion method	Materials Science and Engineering C	68	-	89	100	4.96	https://doi.org/10.1016/j.msec.2016.04.110

60	Jacob J.J., Suthindhiran K.	Magnetotactic bacteria and magnetosomes “Scope and challenges	Materials Science and Engineering C	68	-	919	928	4.96	https://doi.org/10.1016/j.msec.2016.07.049
61	Rajeshwari A., Karthiga D., Chandrasekaran N., Mukherjee A.	Anti-aggregation-based spectrometric detection of Hg(II) at physiological pH using gold nanorods	Materials Science and Engineering C	67	-	711	716	4.96	https://doi.org/10.1016/j.msec.2016.05.066
62	Umamaheswari J., Shanthakumar S.	Efficacy of microalgae for industrial wastewater treatment: a review on operating conditions, treatment efficiency and biomass productivity	Reviews in Environmental Science and Biotechnology	15	2	265	284	4.94	https://doi.org/10.1007/s11157-016-9397-7
63	Preethi B., Shanthi V., Ramanathan K.	Identification of Potential Therapeutics to Conquer Drug Resistance in Salmonella typhimurium: Drug Repurposing Strategy	BioDrugs	30	6	593	605	4.9	https://doi.org/10.1007/s40259-016-0200-7
64	Sahoo S.K., Varma P., Lall K.P., Talwar C.K.	Energy efficiency in India: Achievements, challenges and legality	Energy Policy	88	-	495	503	4.88	https://doi.org/10.1016/j.enpol.2015.10.049
65	Muthiah-Nakarajan V., Noel M.M.	Galactic Swarm Optimization: A new global optimization metaheuristic inspired by galactic motion	Applied Soft Computing Journal	38	-	771	787	4.87	https://doi.org/10.1016/j.asoc.2015.10.034
66	Boobalan M.P., Lopez D., Gao X.Z.	Graph clustering using k-Neighbourhood Attribute Structural similarity	Applied Soft Computing Journal	47	-	216	223	4.87	https://doi.org/10.1016/j.asoc.2016.05.028
67	Tripathy B.K., Mittal D.	Hadoop based uncertain possibilistic kernelized c-means algorithms for image segmentation and a comparative analysis	Applied Soft Computing Journal	46	-	886	923	4.87	https://doi.org/10.1016/j.asoc.2016.01.045
68	Goyal R.K., Kaushal S., Sangaiha A.K.	The utility based non-linear fuzzy AHP optimization model for network selection in heterogeneous wireless networks	Applied Soft Computing Journal	67	-	800	811	4.87	https://doi.org/10.1016/j.asoc.2017.05.026
69	Sasikala, S; Balamurugan, SAA; Geetha, S	A novel memetic algorithm for discovering knowledge in binary and multi class predictions based on support vector machine	Applied Soft Computing Journal	49	-	407	422	4.87	https://doi.org/10.1016/j.asoc.2016.08.038
70	Vinodh Kumar E., Raaja G.S., Jerome J.	Adaptive PSO for optimal LQR tracking control of 2 DoF laboratory helicopter	Applied Soft Computing Journal	41	-	77	90	4.87	https://doi.org/10.1016/j.asoc.2015.12.023
71	Hemalatha K., Madhumitha G.	Synthetic strategy with representation on mechanistic pathway for the therapeutic applications of dihydroquinazolinones	European Journal of Medicinal Chemistry	123	-	596	630	4.83	https://doi.org/10.1016/j.ejmech.2016.08.001
72	Gadekar P.K., Roychowdhury A., Kharkar P.S., Khedkar V.M., Arkile M., Manek H., Sarkar D., Sharma R., Vijayakumar V., Sarveswari S.	Design, synthesis and biological evaluation of novel azaspiro analogs of linezolid as antibacterial and antitubercular agents	European Journal of Medicinal Chemistry	122	-	475	487	4.83	https://doi.org/10.1016/j.ejmech.2016.07.001
73	Sardar T., Sasmal S.K., Chattopadhyay J.	Estimating dengue type reproduction numbers for two provinces of Sri Lanka during the period 2013-2014	Virulence	7	2	187	200	4.78	https://doi.org/10.1080/21505594.2015.1096470

74	Rawat S., Rawat S.	Multi-sensor data fusion by a hybrid methodology - A comparative study	Computers in Industry	75	-	27	34	4.77	https://doi.org/10.1016/j.compind.2015.10.012
75	Ashok B., Denis Ashok S., Ramesh Kumar C.	A review on control system architecture of a SI engine management system	Annual Reviews in Control	41	-	94	118	4.76	https://doi.org/10.1016/j.arconrol.2016.04.005
76	Isik M., Fernandes A.M., Vijayakrishna K., Paulis M., Mecerreyes D.	Preparation of poly(ionic liquid) nanoparticles and their novel application as flocculants for water purification	Polymer Chemistry	7	8	1668	1674	4.76	https://doi.org/10.1039/c5py02001h
77	Sultana, F.; Rasool, M.	Targeted delivery of withaferin-A incorporated mannosylated liposomes to the synovial macrophages suppresses the inflammatory immune response in adjuvant-induced arthritic rats - a potential therapeutic approach	EUROPEAN JOURNAL OF IMMUNOLOGY	46	-	919	920	4.7	-
78	Manoj, Kelath Murali; Venkatachalam, Avanthika; Parashar, Abhinav	Metabolism of xenobiotics by cytochrome P450: novel insights into the thermodynamics, kinetics and roles of redox proteins and diffusible reactive species	DRUG METABOLISM REVIEWS	48	-	41	42	4.7	https://issx.confex.com/issx/20NA/webprogram/Paper35248.html
79	Kumar M.D., Dravid A., Kumar A., Sen D.	Gene therapy as a potential tool for treating neuroblastoma-A focused review	Cancer Gene Therapy	23	5	115	124	4.68	https://doi.org/10.1038/cgt.2016.16
80	Sudhakar Babu T., Prasanth Ram J., Sangeetha K., Laudani A., Rajasekar N.	Parameter extraction of two diode solar PV model using Fireworks algorithm	Solar Energy	140	-	265	276	4.67	https://doi.org/10.1016/j.solener.2016.10.044
81	Bhogaita M., Shukla A.D., Nalini R.P.	Recent advances in hybrid solar cells based on natural dye extracts from Indian plant pigment as sensitizers	Solar Energy	137	-	212	224	4.67	https://doi.org/10.1016/j.solener.2016.08.003
82	Deepa N., Ganesan K.	Multi-class classification using hybrid soft decision model for agriculture crop selection	Neural Computing and Applications	-	-	1	14	4.66	https://doi.org/10.1007/s00521-016-2749-y
83	Jain V., Sangaiah A.K., Sakhuja S., Thoduka N., Aggarwal R.	Supplier selection using fuzzy AHP and TOPSIS: a case study in the Indian automotive industry	Neural Computing and Applications	-	-	1	10	4.66	https://doi.org/10.1007/s00521-016-2533-z
84	Jagatheesan K., Anand B., Samanta S., Dey N., Santhi V., Ashour A.S., Balas V.E.	Application of flower pollination algorithm in load frequency control of multi-area interconnected power system with nonlinearity	Neural Computing and Applications	28	-	S475	S488	4.66	https://doi.org/10.1007/s00521-016-2361-1
85	Mandimath T.R., Moliya A., Sathiyarayanan K.I.	Synthesis of Bi ₂ Mo ₃ O ₁₂ and Bi _{2-x} RE _x Mo ₃ O ₁₂ nanorods (RE = Eu ³⁺ and Pr ³⁺ and x = 0.07-0.3): Improved photocatalytic activity towards the degradation of Rhodamine B dye under visible light	Applied Catalysis A: General	519	-	34	47	4.63	https://doi.org/10.1016/j.apcata.2016.03.026

86	Singh A., Singh A., Sen D.	Mesenchymal stem cells in cardiac regeneration: A detailed progress report of the last 6 years (2010-2015)	Stem Cell Research and Therapy	7	1	-	-	4.63	https://doi.org/10.1186/s13287-016-0341-0
87	Krishna L., Dhamodaran K., Jayadev C., Chatterjee K., Shetty R., Khora S.S., Das D.	Nanostructured scaffold as a determinant of stem cell fate	Stem Cell Research and Therapy	7	1	-	-	4.63	https://doi.org/10.1186/s13287-016-0440-y
88	Dasgupta N., Ramalingam C.	Silver nanoparticle antimicrobial activity explained by membrane rupture and reactive oxygen generation	Environmental Chemistry Letters	14	4	477	485	4.62	https://doi.org/10.1007/s10311-016-0583-1
89	Ranjan S., Ramalingam C.	Titanium dioxide nanoparticles induce bacterial membrane rupture by reactive oxygen species generation	Environmental Chemistry Letters	14	4	487	494	4.62	https://doi.org/10.1007/s10311-016-0586-y
90	Biswas S., Saifuddin M., Sasmal S.K., Samanta S., Pal N., Ababneh F., Chattopadhyay J.	A delayed prey-predator system with prey subject to the strong Allee effect and disease	Nonlinear Dynamics	84	3	1569	1594	4.6	https://doi.org/10.1007/s11071-015-2589-9
91	Singh A., Mudawal A., Maurya P., Jain R., Nair S., Shukla R.K., Yadav S., Singh D., Khanna V.K., Chaturvedi R.K., Mudiam M.K.R., Sethumadhavan R., Siddiqi M.I., Parmar D.	Prenatal Exposure of Cypermethrin Induces Similar Alterations in Xenobiotic-Metabolizing Cytochrome P450s and Rate-Limiting Enzymes of Neurotransmitter Synthesis in Brain Regions of Rat Offsprings During Postnatal Development	Molecular Neurobiology	53	6	3670	3689	4.59	https://doi.org/10.1007/s12035-015-9307-y
92	Sekar G., Wilson S., Sivakumar A., Mukherjee A., Chandrasekaran N.	Elucidating the role of surfactant dispersed CNTs towards HSA fibrillation in vitro - A multiple spectroscopic approach	Journal of Molecular Liquids	221	-	714	720	4.56	https://doi.org/10.1016/j.molliq.2016.06.060
93	Devaraj M., Saravanan R., Deivasigamani R., Gupta V.K., Gracia F., Jayadevan S.	Fabrication of novel shape Cu and Cu/Cu ₂ O nanoparticles modified electrode for the determination of dopamine and paracetamol	Journal of Molecular Liquids	221	-	930	941	4.56	https://doi.org/10.1016/j.molliq.2016.06.028
94	Raju C.S.K., Sandeep N., Malvandi A.	Free convective heat and mass transfer of MHD non-Newtonian nanofluids over a cone in the presence of non-uniform heat source/sink	Journal of Molecular Liquids	221	-	108	115	4.56	https://doi.org/10.1016/j.molliq.2016.05.078
95	Raju C.S.K., Sandeep N.	Heat and mass transfer in MHD non-Newtonian bio-convection flow over a rotating cone/plate with cross diffusion	Journal of Molecular Liquids	215	-	115	126	4.56	https://doi.org/10.1016/j.molliq.2015.12.058
96	Jayachandra R., Lakshmipathy R., Reddy S.R.	Hydrophobic d-galactose based ionic liquid for the sequestration of Pb ²⁺ ions from aqueous solution	Journal of Molecular Liquids	219	-	1172	1178	4.56	https://doi.org/10.1016/j.molliq.2015.11.060

97	Mythili D., Sivaraj R.	Influence of higher order chemical reaction and non-uniform heat source/sink on Casson fluid flow over a vertical cone and flat plate	Journal of Molecular Liquids	216	-	466	475	4.56	https://doi.org/10.1016/j.molliq.2016.01.072
98	Naidu S., Reddy S.R.	Ionic liquid [bmim]Br assisted chemoselective benzylic [Formula presented] oxidations using tert-butyl hydroperoxide	Journal of Molecular Liquids	222	-	441	445	4.56	https://doi.org/10.1016/j.molliq.2016.07.064
99	Mohan A., Malathi M., Kumbharkhane A.C.	Microwave dielectric relaxation spectroscopy studies on associative polar binary mixtures of nitrobenzene with primary alcohols	Journal of Molecular Liquids	222	-	640	647	4.56	https://doi.org/10.1016/j.molliq.2016.07.024
100	Sandeep N., Koriko O.K., Animasaun I.L.	Modified kinematic viscosity model for 3D-Casson fluid flow within boundary layer formed on a surface at absolute zero	Journal of Molecular Liquids	221	-	1197	1206	4.56	https://doi.org/10.1016/j.molliq.2016.06.049
101	Babu M.J., Sandeep N.	3D MHD slip flow of a nanofluid over a slendering stretching sheet with thermophoresis and Brownian motion effects	Journal of Molecular Liquids	222	-	1003	1009	4.56	https://doi.org/10.1016/j.molliq.2016.08.005
102	Ravikumar K.V.G., Dubey S., pulimi M., Chandrasekaran N., Mukherjee A.	Scale-up synthesis of zero-valent iron nanoparticles and their applications for synergistic degradation of pollutants with sodium borohydride	Journal of Molecular Liquids	224	-	589	598	4.56	https://doi.org/10.1016/j.molliq.2016.10.040
103	Tamina S.K., Mandal B.K.	Tyrosine mediated synthesis of SnO ₂ nanoparticles and their photocatalytic activity towards Violet 4 BSN dye	Journal of Molecular Liquids	221	-	415	421	4.56	https://doi.org/10.1016/j.molliq.2016.05.079
104	Raju C.S.K., Sandeep N., Sugunamma V.	Unsteady magneto-nanofluid flow caused by a rotating cone with temperature dependent viscosity: A surgical implant application	Journal of Molecular Liquids	222	-	1183	1193	4.56	https://doi.org/10.1016/j.molliq.2016.07.143
105	Elango G., Roopan S.M., Al-Dhabi N.A., Arasu M.V., Dhamodaran K.I., Elumalai K.	Coir mediated instant synthesis of Ni-Pd nanoparticles and its significance over larvicidal, pesticidal and ovicidal activities	Journal of Molecular Liquids	223	-	1249	1255	4.56	https://doi.org/10.1016/j.molliq.2016.09.070
106	Sompalle R., Arunachalam P., Roopan S.M.	Conventional spectroscopic identification of N-alkylated triazolo-quinazolinones and its antioxidant, solvatochromism studies	Journal of Molecular Liquids	224	-	1348	1357	4.56	https://doi.org/10.1016/j.molliq.2016.10.124
107	Reddy J.V.R., Sugunamma V., Sandeep N.	Cross diffusion effects on MHD flow over three different geometries with Cattaneo-Christov heat flux	Journal of Molecular Liquids	223	-	1234	1241	4.56	https://doi.org/10.1016/j.molliq.2016.09.047

108	Goenka, Anshika; Sengupta, Sonali; Pandey, Rajesh; Parihar, Rashmi; Mohanta, Girish Chandra; Mukerji, Mitali; Ganesh, Subramaniam	Human satellite-III non-coding RNAs modulate heat-shock-induced transcriptional repression	Journal of Cell Science	129	19	3541	3552	4.52	https://doi.org/10.1242/jcs.189803
109	Vijayakrishna K., Charan K.T.P., Manojkumar K., Venkatesh S., Pothanagandhi N., Sivaramakrishna A., Mayuri P., Kumar A.S., Sreedhar B.	Ni Nanoparticles Stabilized by Poly(Ionic Liquids) as Chemoselective and Magnetically Recoverable Catalysts for Transfer Hydrogenation Reactions of Carbonyl Compounds	ChemCatChem	8	6	1139	1145	4.5	https://doi.org/10.1002/cctc.201501313
110	Sofana Reka S., Ramesh V.	Industrial demand side response modelling in smart grid using stochastic optimisation considering refinery process	Energy and Buildings	127	-	84	94	4.5	https://doi.org/10.1016/j.enbuild.2016.05.070
111	Hemanth C., Venkatesh T.G.	Performance Analysis of Service Periods (SP) of the IEEE 802.11ad Hybrid MAC Protocol	IEEE Transactions on Mobile Computing	15	5	1224	1236	4.47	https://doi.org/10.1109/TMC.2015.2446464
112	Elango G., Mohana Roopan S., Abdullah Al-Dhabi N., Arasu M.V., Irukutla Damodharan K., Elumalai K.	Cocos nucifera coir-mediated green synthesis of Pd NPs and its investigation against larvae and agricultural pest	Artificial Cells, Nanomedicine and Biotechnology	-	-	1	7	4.46	https://doi.org/10.1080/21691401.2016.1262382
113	Srivastav R., Srinivasan K., Sudheer K.P.	Simulation-optimization framework for multi-site multi-season hybrid stochastic streamflow modeling	Journal of Hydrology	542	-	506	531	4.41	https://doi.org/10.1016/j.jhydrol.2016.09.025
114	Mandal S., Srivastav R.K., Simonovic S.P.	Use of beta regression for statistical downscaling of precipitation in the Campbell River basin, British Columbia, Canada	Journal of Hydrology	538	-	49	62	4.41	https://doi.org/10.1016/j.jhydrol.2016.04.009
115	Vanti G.L., Vishwanathreddy H., Venkat H., Bhat G.G., Padmanabhan V., Jayaprakash N.S., Hiremath V., Katageri I.S., Gonchigar S.J., Inamdar S.R., Swamy B.M.	Sclerotium rolfsii lectin expressed in tobacco confers protection against Spodoptera litura and Myzus persicae	Journal of Pest Science	89	2	591	602	4.402	https://doi.org/10.1007/s10340-015-0704-9
116	Ahmad Z., Patle D.S., Rangaiah G.P.	Operator training simulator for biodiesel synthesis from waste cooking oil	Process Safety and Environmental Protection	99	-	55	68	4.38	https://doi.org/10.1016/j.psep.2015.10.002
117	Sahithya K., Das D., Das N.	Adsorptive removal of monocrotophos from aqueous solution using biopolymer modified montmorillonite-CuO composites: Equilibrium, kinetic and thermodynamic studies	Process Safety and Environmental Protection	99	-	43	54	4.38	https://doi.org/10.1016/j.psep.2015.10.009

118	Samui P., Jagan J., Hariharan R.	An Alternative Method for Determination of Liquefaction Susceptibility of Soil	Geotechnical and Geological Engineering	34	2	735	738	4.34	https://doi.org/10.1007/s10706-015-9969-2
119	Samui P., Kurup P., Dhivya S., Jagan J.	Reliability Analysis of Quick Sand Condition	Geotechnical and Geological Engineering	34	2	579	584	4.34	https://doi.org/10.1007/s10706-015-9967-4
120	Yang H., Dobbie S., Ramirez-Villegas J., Feng K., Challinor A.J., Chen B., Gao Y., Lee L., Yin Y., Sun L., Watson J., Koehler A.K., Fan T., Ghosh S.	Potential negative consequences of geoengineering on crop production: A study of Indian groundnut	Geophysical Research Letters	43	22	11786	11795	4.339	https://doi.org/10.1002/2016GL071209
121	Oyyaravelu R., Kuppan P., Arivazhagan N.	Metallurgical and mechanical properties of laser welded high strength low alloy steel	Journal of Advanced Research	7	3	463	472	4.327	https://doi.org/10.1016/j.jare.2016.03.005
122	Balan A.S.S., Vijayaraghavan L., Krishnamurthy R., Kuppan P., Oyyaravelu R.	An experimental assessment on the performance of different lubrication techniques in grinding of Inconel 751	Journal of Advanced Research	7	5	709	718	4.327	https://doi.org/10.1016/j.jare.2016.08.002
123	Senthilkumar K., Pizzotti M., Thirumoorthy K., Di Carlo G., Righetto S., Orbelli Biroli A., Haukka M., Palanisami N.	New internal-charge-transfer second-order nonlinear optical chromophores based on the donor ferrocenylpyrazole moiety	Journal of Physical Chemistry C	120	36	20277	20287	4.31	https://doi.org/10.1021/acs.jpcc.6b06364
124	Dhamodaran K., Subramani M., Matalia H., Jayadev C., Shetty R., Das D.	One for all: A standardized protocol for ex vivo culture of limbal, conjunctival and oral mucosal epithelial cells into corneal lineage	Cytherapy	18	4	546	561	4.3	https://doi.org/10.1016/j.jcyt.2016.01.003
125	Loganathan A., Kaliyaperumal G.	An adaptive HVS based video watermarking scheme for multiple watermarks using BAM neural networks and fuzzy inference system	Expert Systems with Applications	63	-	412	434	4.29	https://doi.org/10.1016/j.eswa.2016.05.019
126	Subashini M.M., Sahoo S.K., Sunil V., Easwaran S.	A non-invasive methodology for the grade identification of astrocytoma using image processing and artificial intelligence techniques	Expert Systems with Applications	43	-	186	196	4.29	https://doi.org/10.1016/j.eswa.2015.08.036
127	R. S.P., P.V.S.S.R. C.M.	Dimensionality reduced local directional pattern (DR-LDP) for face recognition	Expert Systems with Applications	63	-	66	73	4.29	https://doi.org/10.1016/j.eswa.2016.06.031
128	Parouha R.P., Das K.N.	DPD: An intelligent parallel hybrid algorithm for economic load dispatch problems with various practical constraints	Expert Systems with Applications	63	-	295	309	4.29	https://doi.org/10.1016/j.eswa.2016.07.012
129	Krishnamurthy M., Msm K., Kanakkampalayam Krishnan C.	Hierarchically structured MFI zeolite monolith prepared using agricultural waste as solid template	Microporous and Mesoporous Materials	221	-	23	31	4.18	https://doi.org/10.1016/j.micro-meso.2015.09.022

130	Doss C.G.P., Alasmar D.R., Bux R.I., Sneha P., Bakhsh F.D., Al-Azwani I., Bekay R.E., Zayed H.	Genetic Epidemiology of Glucose-6-Dehydrogenase Deficiency in the Arab World	Scientific Reports	6	-	-	-	4.122	https://doi.org/10.1038/srep37284
131	Prasanna K., Ghosh P., Bhattacharya S.K., Mohan K., Anilkumar N.	Isotopic disequilibrium in <i>Globigerina bulloides</i> and carbon isotope response to productivity increase in Southern Ocean	Scientific Reports	6	-	-	-	4.122	https://doi.org/10.1038/srep21533
132	Nagasundaram N., Doss G.P.C., Chakraborty C., Karthick V., Kumar D.T., Balaji V., Siva R., Lu A., Ge Z., Zhu H.	Mechanism of artemisinin resistance for malaria PfATP6 L263 mutations and discovering potential antimalarials: An integrated computational approach	Scientific Reports	6	-	-	-	4.122	https://doi.org/10.1038/srep30106
133	Lakshmi Prasanna V., Rajagopalan V.	A New Synergetic Nanocomposite for Dye Degradation in Dark and Light	Scientific Reports	6	-	-	-	4.122	https://doi.org/10.1038/srep38606
134	Das A.J., Wahi A., Kothari I., Raskar R.	Ultra-portable, wireless smartphone spectrometer for rapid, non-destructive testing of fruit ripeness	Scientific Reports	6	-	-	-	4.122	https://doi.org/10.1038/srep32504
135	Sharmila A., Geethanjali P.	DWT Based Detection of Epileptic Seizure from EEG Signals Using Naive Bayes and k-NN Classifiers	IEEE Access	4	-	7716	7727	4.1	https://doi.org/10.1109/ACCESS.2016.2585661
136	Prabhakaran S., Kalainathan S.	Compound technology of manufacturing and multiple laser peening on microstructure and fatigue life of dual-phase spring steel	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	674	-	634	645	4.08	https://doi.org/10.1016/j.msea.2016.08.031
137	Ramkumar K.D., Ramanand R., Ameer A., Simon K.A., Arivazhagan N.	Effect of post weld heat treatment on the microstructure and tensile properties of activated flux TIG welds of Inconel X750	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	658	-	326	338	4.08	https://doi.org/10.1016/j.msea.2016.02.022
138	Ramkumar K.D., Kumar P.S.G., Krishna V.R., Chandrasekhar A., Dev S., Abraham W.S., Prabhakaran S., Kalainathan S., Sridhar R.	Influence of laser peening on the tensile strength and impact toughness of dissimilar welds of Inconel 625 and UNS S32205	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	676	-	88	99	4.08	https://doi.org/10.1016/j.msea.2016.08.104
139	Sompalle R., Roopan S.M., Al-Dhabi N.A., Suthindhiran K., Sarkar G., Arasu M.V.	1,2,4-Triazolo-quinazoline-thiones: Non-conventional synthetic approach, study of solvatochromism and antioxidant assessment	Journal of Photochemistry and Photobiology B: Biology	162	-	232	239	4.07	https://doi.org/10.1016/j.jphoto.2016.06.051

140	Elango G., Roopan S.M.	Efficacy of SnO ₂ nanoparticles toward photocatalytic degradation of methylene blue dye	Journal of Photochemistry and Photobiology B: Biology	155	-	34	38	4.07	https://doi.org/10.1016/j.jphoto biol.2015.12.010
141	Haritha E., Roopan S.M., Madhavi G., Elango G., Al-Dhabi N.A., Arasu M.V.	Green chemical approach towards the synthesis of SnO ₂ NPs in argument with photocatalytic degradation of diazo dye and its kinetic studies	Journal of Photochemistry and Photobiology B: Biology	162	-	441	447	4.07	https://doi.org/10.1016/j.jphoto biol.2016.07.010
142	Ezhilarasi A.A., Vijaya J.J., Kaviyarasu K., Maaza M., Ayeshamariam A., Kennedy L.J.	Green synthesis of NiO nanoparticles using Moringa oleifera extract and their biomedical applications: Cytotoxicity effect of nanoparticles against HT-29 cancer cells	Journal of Photochemistry and Photobiology B: Biology	164	-	352	360	4.07	https://doi.org/10.1016/j.jphoto biol.2016.10.003
143	Hemalatha K., Madhumitha G., Al-Dhabi N.A., Arasu M.V.	Importance of fluorine in 2,3-dihydroquinazolinone and its interaction study with lysozyme	Journal of Photochemistry and Photobiology B: Biology	162	-	176	188	4.07	https://doi.org/10.1016/j.jphoto biol.2016.06.036
144	Rajendran K., Sen S.	Optimization of process parameters for the rapid biosynthesis of hematite nanoparticles	Journal of Photochemistry and Photobiology B: Biology	159	-	82	87	4.07	https://doi.org/10.1016/j.jphoto biol.2016.03.023
145	Surendra T.V., Roopan S.M., Arasu M.V., Al-Dhabi N.A., Sridharan M.	Phenolic compounds in drumstick peel for the evaluation of antibacterial, hemolytic and photocatalytic activities	Journal of Photochemistry and Photobiology B: Biology	161	-	463	471	4.07	https://doi.org/10.1016/j.jphoto biol.2016.06.013
146	Surendra T.V., Roopan S.M.	Photocatalytic and antibacterial properties of phytosynthesized CeO ₂ NPs using Moringa oleifera peel extract	Journal of Photochemistry and Photobiology B: Biology	161	-	122	128	4.07	https://doi.org/10.1016/j.jphoto biol.2016.05.019
147	Fowsiya J., Madhumitha G., Al-Dhabi N.A., Arasu M.V.	Photocatalytic degradation of Congo red using Carissa edulis extract capped zinc oxide nanoparticles	Journal of Photochemistry and Photobiology B: Biology	162	-	395	401	4.07	https://doi.org/10.1016/j.jphoto biol.2016.07.011
148	Dinesh M., Roopan S.M., Selvaraj C.I.	Photocatalytic degradation of nitrophenol using biologically active Phyllanthus emblica seed extract	Journal of Photochemistry and Photobiology B: Biology	161	-	273	278	4.07	https://doi.org/10.1016/j.jphoto biol.2016.05.033
149	Sekar G., Sivakumar A., Mukherjee A., Chandrasekaran N.	Prion like behavior of HSA-hydroxylated MWCNT interface	Journal of Photochemistry and Photobiology B: Biology	161	-	411	421	4.07	https://doi.org/10.1016/j.jphoto biol.2016.06.005
150	Surendra T.V., Roopan S.M., Arasu M.V., Al-Dhabi N.A., Rayalu G.M.	RSM optimized Moringa oleifera peel extract for green synthesis of M. oleifera capped palladium nanoparticles with antibacterial and hemolytic property	Journal of Photochemistry and Photobiology B: Biology	162	-	550	557	4.07	https://doi.org/10.1016/j.jphoto biol.2016.07.032
151	Elango G., Roopan S.M., Dhamodaran K.I., Elumalai K., Al-Dhabi N.A., Arasu M.V.	Spectroscopic investigation of biosynthesized nickel nanoparticles and its larvicidal, pesticidal activities	Journal of Photochemistry and Photobiology B: Biology	162	-	162	167	4.07	https://doi.org/10.1016/j.jphoto biol.2016.06.045
152	Inamdar P.R., Sheela A.	Spectroscopic investigations on partial intercalative binding behaviour of terpyridine based copper(II) complexes with DNA	Journal of Photochemistry and Photobiology B: Biology	159	-	133	141	4.07	https://doi.org/10.1016/j.jphoto biol.2016.03.007

153	Jesudoss S.K., Vijaya J.J., Kennedy L.J., Rajan P.I., Al-Lohedan H.A., Ramalingam R.J., Kaviyarasu K., Bououdina M.	Studies on the efficient dual performance of Mn _{1-x} Ni _x Fe ₂ O ₄ spinel nanoparticles in photodegradation and antibacterial activity	Journal of Photochemistry and Photobiology B: Biology	165	-	121	132	4.07	https://doi.org/10.1016/j.jphoto biol.2016.10.004
154	Sridharan M., Prasad K.J.R., Madhumitha G., Al-Dhabi N.A., Arasu M.V.	Application of UV-Vis spectrophotometric process for the assessment of indoloacridines as free radical scavenger	Journal of Photochemistry and Photobiology B: Biology	162	-	641	645	4.07	https://doi.org/10.1016/j.jphoto biol.2016.07.026
155	Ranjan S., Dasgupta N., Srivastava P., Ramalingam C.	A spectroscopic study on interaction between bovine serum albumin and titanium dioxide nanoparticle synthesized from microwave-Assisted hybrid chemical approach	Journal of Photochemistry and Photobiology B: Biology	161	-	472	481	4.07	https://doi.org/10.1016/j.jphoto biol.2016.06.015
156	Hemalatha K., Madhumitha G., Ravi L., Khanna V.G., Al-Dhabi N.A., Arasu M.V.	Binding mode of dihydroquinazolinones with lysozyme and its antifungal activity against Aspergillus species	Journal of Photochemistry and Photobiology B: Biology	161	-	71	79	4.07	https://doi.org/10.1016/j.jphoto biol.2016.05.005
157	Viswanathan R., Samui P.	Determination of rock depth using artificial intelligence techniques	Geoscience Frontiers	7	1	61	66	4.051	https://doi.org/10.1016/j.gsf.2015.04.002
158	Bashar I.I., Alengaram U.J., Jumaat M.Z., Islam A., Santhi H., Sharmin A.	Engineering properties and fracture behaviour of high volume palm oil fuel ash based fibre reinforced geopolymer concrete	Construction and Building Materials	111	-	280	297	4.05	https://doi.org/10.1016/j.conbuil dmat.2016.02.022
159	Jaya Prithika A., Sekar S.K.	Mechanical and fracture characteristics of Eco-friendly concrete produced using coconut shell, ground granulated blast furnace slag and manufactured sand	Construction and Building Materials	103	-	1	7	4.05	https://doi.org/10.1016/j.conbuil dmat.2015.11.035
160	Jayaprithika A., Sekar S.K.	Stress-strain characteristics and flexural behaviour of reinforced Eco-friendly coconut shell concrete	Construction and Building Materials	117	-	244	250	4.05	https://doi.org/10.1016/j.conbuil dmat.2016.05.016
161	Senthilkumar K., Thirumoorthy K., Dragonetti C., Marinotto D., Righetto S., Colombo A., Haukka M., Palanisami N.	Ferrocene-quinoxaline Y-shaped chromophores as fascinating second-order NLO building blocks for long lasting highly active SHG polymeric films	Dalton Transactions	45	30	11939	11943	4.05	https://doi.org/10.1039/c6dt01590e
162	Mohanty D.K.	Gravitational search algorithm for economic optimization design of a shell and tube heat exchanger	Applied Thermal Engineering	107	-	184	193	4.03	https://doi.org/10.1016/j.applthe rmaleng.2016.06.133
163	Veerabathraswamy K., Senthil Kumar A.	Effective boundary conditions and turbulence modeling for the analysis of steam turbine exhaust hood	Applied Thermal Engineering	103	-	773	780	4.03	https://doi.org/10.1016/j.applthe rmaleng.2016.04.126

164	Amreen K., Kumar A.S.	Electrochemical redox signaling of hemoglobin in human whole blood and its relevance to anemia and thalassemia diagnosis	Analyst	141	7	2145	2149	4.02	https://doi.org/10.1039/c5an02646f
165	Umamahesh B., Sathiskumar U., Augustine G., Easwaramoorthi S., Ayyadurai N., Sathiyarayanan K.I.	Photophysical studies of donor, acceptor substituted tetrahydrodibenzo[a,i]phenanthridines	Dyes and Pigments	134	-	409	418	4.02	https://doi.org/10.1016/j.dyepig.2016.07.036
166	Balijapalli U., Udayadasan S., Shanmugam E., Kulathu Iyer S.	Synthesis, photophysical and acidochromic properties of a series of tetrahydrodibenzo[a,i]phenanthridine chromophores	Dyes and Pigments	130	-	233	244	4.02	https://doi.org/10.1016/j.dyepig.2016.03.024
167	Vishnu N., Kumar A.S.	Intrinsic Iron-Containing Multiwalled Carbon Nanotubes as Electro-Fenton Catalyst for the Conversion of Benzene to Redox-Active Surface-Confined Quinones	ChemElectroChem	3	6	986	992	3.98	https://doi.org/10.1002/celec.201600052
168	Chaudhuri B., Mondal B., Ray S.K., Sarkar S.C.	A novel biocompatible conducting polyvinyl alcohol (PVA)-polyvinylpyrrolidone (PVP)-hydroxyapatite (HAP) composite scaffolds for probable biological application	Colloids and Surfaces B: Biointerfaces	143	-	71	80	3.97	https://doi.org/10.1016/j.colsurfb.2016.03.027
169	George V.C., Vijesh V.V., Amararathna D.I.M., Lakshmi C.A., Anbarasu K., Kumar D.R.N., Ethiraj K.R., Kumar R.A., Vasantha Rupasinghe H.P.	Mechanism of action of flavonoids in prevention of inflammation-associated skin cancer	Current Medicinal Chemistry	23	32	3697	3716	3.89	https://doi.org/10.2174/0929867323666160627110342
170	Iyer V.V.	A review of stapled peptides and small molecules to inhibit protein-protein interactions in cancer	Current Medicinal Chemistry	23	27	3025	3043	3.89	https://doi.org/10.2174/0929867323666160627103134
171	Thena T., Mohan K.	Estimation of pore space methane hydrate in marine sediments of Cascadia Margin	Journal of Natural Gas Science and Engineering	35	Part A	956	963	3.86	https://doi.org/10.1016/j.jngse.2016.09.046
172	Manoj K.M., Parashar A., Gade S.K., Venkatachalam A.	Functioning of microsomal cytochrome P450s: Murburn concept explains the metabolism of xenobiotics in hepatocytes	Frontiers in Pharmacology	7	JUN	-	-	3.85	https://doi.org/10.3389/fphar.2016.00161
173	Sarva S., Harinath J.S., Sthanikam S.P., Ethiraj S., Vaithiyalingam M., Cirandur S.R.	Synthesis, antibacterial and anti-inflammatory activity of bis(indolyl)methanes	Chinese Chemical Letters	27	1	16	20	3.84	https://doi.org/10.1016/j.ccllet.2015.08.012
174	Satya Narayana P.V., Harish Babu D.	Numerical study of MHD heat and mass transfer of a Jeffrey fluid over a stretching sheet with chemical reaction and thermal radiation	Journal of the Taiwan Institute of Chemical Engineers	59	-	18	25	3.83	https://doi.org/10.1016/j.jtice.2015.07.014

175	Abigail M E.A., Samuel S M., Chidambaram R.	Application of rice husk nanosorbents containing 2,4-dichlorophenoxyacetic acid herbicide to control weeds and reduce leaching from soil	Journal of the Taiwan Institute of Chemical Engineers	63	-	318	326	3.83	https://doi.org/10.1016/j.jtice.2016.03.024
176	Chattopadhyay D., Sen S., Chatterjee R., Roy D., James J., Thirumurugan K.	Context- and dose-dependent modulatory effects of naringenin on survival and development of Drosophila melanogaster	Biogerontology	17	2	383	393	3.81	https://doi.org/10.1007/s10522-015-9624-6
177	Iswarya V., Bhuvaneshwari M., Chandrasekaran N., Mukherjee A.	Individual and binary toxicity of anatase and rutile nanoparticles towards Ceriodaphnia dubia	Aquatic Toxicology	178	-	209	221	3.79	https://doi.org/10.1016/j.aquatox.2016.08.007
178	Bhuvaneshwari M., Iswarya V., Nagarajan R., Chandrasekaran N., Mukherjee A.	Acute toxicity and accumulation of ZnO NPs in Ceriodaphnia dubia: Relative contributions of dissolved ions and particles	Aquatic Toxicology	177	-	494	502	3.79	https://doi.org/10.1016/j.aquatox.2016.07.003
179	Roy R., Parashar A., Bhuvaneshwari M., Chandrasekaran N., Mukherjee A.	Differential effects of P25 TiO2 nanoparticles on freshwater green microalgae: Chlorella and Scenedesmus species	Aquatic Toxicology	176	-	161	171	3.79	https://doi.org/10.1016/j.aquatox.2016.04.021
180	Thirumal Kumar D., George Priya Doss C.	Investigating the inhibitory effect of Wortmannin in the hotspot mutation at codon 1047 of PIK3CA kinase domain: A molecular docking and molecular dynamics approach	Advances in Protein Chemistry and Structural Biology	102	-	267	297	3.78	https://doi.org/10.1016/bs.apcsb.2015.09.008
181	Sneha P., Priya Doss C.G.	Molecular Dynamics: New Frontier in Personalized Medicine	Advances in Protein Chemistry and Structural Biology	102	-	181	224	3.78	https://doi.org/10.1016/bs.apcsb.2015.09.004
182	Syed Haneef S.A., George Priya Doss C.	Personalized Pharmacoperones for Lysosomal Storage Disorder: Approach for Next-Generation Treatment	Advances in Protein Chemistry and Structural Biology	102	-	225	265	3.78	https://doi.org/10.1016/bs.apcsb.2015.10.001
183	Priya Doss C.G., Ali S.K.	Role of von Willebrand Factor - A1 Domain Variants P1266L, H1268D, C1272R, and C1272F in VWD: A Molecular Modeling and Simulation Analysis Approach	Advances in Protein Chemistry and Structural Biology	102	-	299	330	3.78	https://doi.org/10.1016/bs.apcsb.2015.09.006
184	Sridharan B., Mehra Y., Ganesh R.N., Viswanathan P.	Regulation of urinary crystal inhibiting proteins and inflammatory genes by lemon peel extract and formulated citrus bioflavonoids on ethylene glycol induced urolithic rats	Food and Chemical Toxicology	94	-	75	84	3.78	https://doi.org/10.1016/j.fct.2016.05.013
185	Sundaramoorthy B., Thiagarajan K., Mohan S., Mohan S., Rajendra Rao P., Ramamoorthy S., Chandrasekaran R.	Biomass characterisation and phylogenetic analysis of microalgae isolated from estuaries: Role in phycoremediation of tannery effluent	Algal Research	14	-	92	99	3.745	https://doi.org/10.1016/j.algal.2015.12.016

186	Singh P., Ravanan P., Talwar P.	Death associated protein kinase 1 (DAPK1): A regulator of apoptosis and autophagy	Frontiers in Molecular Neuroscience	9	JUNE	-	-	3.72	https://doi.org/10.3389/fnmol.2016.00046
187	Gopi K., Anbarasu K., Renu K., Jayanthi S., Vishwanath B.S., Jayaraman G.	Quercetin-3-O-rhamnoside from Euphorbia hirta protects against snake Venom induced toxicity	Biochimica et Biophysica Acta - General Subjects	1860	7	1528	1540	3.68	https://doi.org/10.1016/j.bbagen.2016.03.031
188	Hemalatha K., Madhumitha G.	Inhibition of poly(adenosine diphosphate-ribose) polymerase using quinazolinone nucleus	Applied Microbiology and Biotechnology	100	18	7799	7814	3.67	https://doi.org/10.1007/s00253-016-7731-1
189	Naine S.J., Devi C.S., Mohanasrinivasan V., Doss C.G.P., Kumar D.T.	Binding and molecular dynamic studies of sesquiterpenes (2R-acetoxymethyl-1,3,3-trimethyl-4t-(3-methyl-2-buten-1-yl)-1t-cyclohexanol) derived from marine Streptomyces sp. VITJS8 as potential anticancer agent	Applied Microbiology and Biotechnology	100	6	2869	2882	3.67	https://doi.org/10.1007/s00253-015-7156-2
190	Madhumitha G., Elango G., Roopan S.M.	Biotechnological aspects of ZnO nanoparticles: overview on synthesis and its applications	Applied Microbiology and Biotechnology	100	2	571	581	3.67	https://doi.org/10.1007/s00253-015-7108-x
191	Roopan S.M., Devi Rajeswari V., Kalpana V.N., Elango G.	Biotechnology and pharmacological evaluation of Indian vegetable crop Lagenaria siceraria: an overview	Applied Microbiology and Biotechnology	100	3	1153	1162	3.67	https://doi.org/10.1007/s00253-015-7190-0
192	Titus D., Samuel E.J., Mohana Roopan S.	Current scenario of biomedical aspect of metal-based nanoparticles on gel dosimetry	Applied Microbiology and Biotechnology	100	11	4803	4816	3.67	https://doi.org/10.1007/s00253-016-7489-5
193	Rajendran V., Gopalakrishnan C., Purohit R.	Impact of point mutation P29S in RAC1 on tumorigenesis	Tumor Biology	37	11	15293	15304	3.65	https://doi.org/10.1007/s13277-016-5329-y
194	Sridaran D., Ramamoorthi G., MahaboobKhan R., Kumpati P.	Oxystressed tumor microenvironment potentiates epithelial to mesenchymal transition and alters cellular bioenergetics towards cancer progression	Tumor Biology	37	10	13307	13322	3.65	https://doi.org/10.1007/s13277-016-5224-6
195	Kumar M.M., Davuluri S., Poojar S., Mukherjee G., Bajpai A.K., Bafna U.D., Devi U.K., Kallur P.P.R., Kshitish A.K., Jayshree R.S.	Role of estrogen receptor alpha in human cervical cancer-associated fibroblasts: a transcriptomic study	Tumor Biology	37	4	4409	4420	3.65	https://doi.org/10.1007/s13277-015-4257-6
196	Deshmukh K., Ahamed M.B., Deshmukh R.R., Khadheer Pasha S.K., Sadasivuni K.K., Ponnamma D., Chidambaram K.	Synergistic effect of vanadium pentoxide and graphene oxide in polyvinyl alcohol for energy storage application	European Polymer Journal	76	-	14	27	3.62	https://doi.org/10.1016/j.eurpolymj.2016.01.022

197	Mitra, Rajdeep; Karthik, R.; Pal, Koushik; Menaka, R.	IMAGE PROCESSING FOR DETECTION OF ORAL WHITE SPONGE NEVUS LESIONS	Exploratory Animal and Medical Research	6	2	247	250	3.61	http://www.animalmedicalresearch.org/Vol.6_Issue-2_December_2016/Rajdip%20Mitra.pdf
198	Singh N.A., Mandal A.K.A., Khan Z.A.	Potential neuroprotective properties of epigallocatechin-3-gallate (EGCG)	Nutrition Journal	15	1	-	-	3.59	https://doi.org/10.1186/s12937-016-0179-4
199	Zhang R., Shen J., Wei F., Li X., Sangaiah A.K.	Medical image classification based on multi-scale non-negative sparse coding	Artificial Intelligence in Medicine	-	-	-	-	3.57	https://doi.org/10.1016/j.artmed.2017.05.006
200	Mani P., Rallapalli A., Machavaram V.R., Sivaramakrishna A.	Monitoring phase changes in supercooled aqueous solutions using an optical fiber Fresnel reflection sensor	Optics Express	24	5	5395	5410	3.56	https://doi.org/10.1364/OE.24.05395
201	Babu V.R., Vasudevan R.	Dynamic analysis of tapered laminated composite magnetorheological elastomer (MRE) sandwich plates	Smart Materials and Structures	25	3	-	-	3.54	https://doi.org/10.1088/0964-1726/25/3/035006
202	Narasimhan Janakiraman V., Noubhani A., Venkataraman K., Vijayalakshmi M., Santarelli X.	High yield of recombinant human Apolipoprotein A-I expressed in Pichia pastoris by using mixed-mode chromatography	Biotechnology Journal	11	1	117	126	3.54	https://doi.org/10.1002/biot.201500245
203	Sravanthi T.V., Manju S.L.	Indoles - A promising scaffold for drug development	European Journal of Pharmaceutical Sciences	91	-	1	10	3.53	https://doi.org/10.1016/j.ejps.2016.05.025
204	Jayaraj V., Hemanth C., Sangeetha R.G.	A survey on hybrid MAC protocols for vehicular ad-hoc networks	Vehicular Communications	6	-	29	36	3.53	https://doi.org/10.1016/j.vehcom.2016.09.003
205	Pradeep D.J., Noel M.M., Arun N.	Nonlinear control of a boost converter using a robust regression based reinforcement learning algorithm	Engineering Applications of Artificial Intelligence	52	-	1	9	3.53	https://doi.org/10.1016/j.engappai.2016.02.007
206	Manupati V.K., Putnik G.D., Tiwari M.K., Ávila P., Cruz-Cunha M.M.	Integration of process planning and scheduling using mobile-agent based approach in a networked manufacturing environment	Computers and Industrial Engineering	94	-	63	73	3.52	https://doi.org/10.1016/j.cie.2016.01.017
207	Karthik S., Ajantha J., Nagaraja C.M., Easwaramoorthi S., Gandhi T.	Synthesis and photophysics of extended π -conjugated systems of substituted 10-aryl-pyrroimidazoles	Organic and Biomolecular Chemistry	14	43	10255	10266	3.49	https://doi.org/10.1039/c6ob01760f
208	Devendranath Ramkumar K., Chandrasekhar A., Srivastava A., Preyas H., Chandra S., Dev S., Arivazhagan N.	Effects of filler metals on the segregation, mechanical properties and hot corrosion behaviour of pulsed current gas tungsten arc welded super-austenitic stainless steel	Journal of Manufacturing Processes	24	-	46	61	3.46	https://doi.org/10.1016/j.jmapro.2016.07.006
209	Ramkumar K.D., Goutham P.S., Radhakrishna V.S., Tiwari A., Anirudh S.	Studies on the structure-property relationships and corrosion behaviour of the activated flux TIG welding of UNS S32750	Journal of Manufacturing Processes	23	-	231	241	3.46	https://doi.org/10.1016/j.jmapro.2016.05.006

210	Devendranath Ramkumar K., Naren S.V., Karthik Paga V.R., Tiwari A., Arivazhagan N.	Development of pulsed current gas tungsten arc welding technique for dissimilar joints of marine grade alloys	Journal of Manufacturing Processes	21	-	201	213	3.46	https://doi.org/10.1016/j.jmapro.2015.10.004
211	Sangeetha K., Sudhakar Babu T., Sudhakar N., Rajasekar N.	Modeling, analysis and design of efficient maximum power extraction method for solar PV system	Sustainable Energy Technologies and Assessments	15	-	60	70	3.46	https://doi.org/10.1016/j.seta.2016.02.002
212	Parimelzaghan A., Anbarasu A., Ramaiah S.	Gene Network Analysis of Metallo Beta Lactamase Family Proteins Indicates the Role of Gene Partners in Antibiotic Resistance and Reveals Important Drug Targets	Journal of Cellular Biochemistry	117	6	1330	1339	3.45	https://doi.org/10.1002/jcb.25422
213	Senthilkumar B., Kumar P., Rajasekaran R.	In-Silico Template Selection of In-Vitro Evolved Kalata B1 of Oldenlandia Affinis for Scaffolding Peptide-Based Drug Design	Journal of Cellular Biochemistry	117	1	66	73	3.45	https://doi.org/10.1002/jcb.25248
214	Lavanya P., Ramaiah S., Anbarasu A.	A Molecular Docking and Dynamics Study to Screen Potent Anti-Staphylococcal Compounds Against Ceftaroline Resistant MRSA	Journal of Cellular Biochemistry	117	2	542	548	3.45	https://doi.org/10.1002/jcb.25307
215	Swetha R.G., Ramaiah S., Anbarasu A.	Molecular Dynamics Studies on D835N Mutation in FLT3 - Its Impact on FLT3 Protein Structure	Journal of Cellular Biochemistry	117	6	1439	1445	3.45	https://doi.org/10.1002/jcb.25434
216	Sneha P., Doss C.G.P.	Gliptins in managing diabetes - Reviewing computational strategy	Life Sciences	166	-	108	120	3.45	https://doi.org/10.1016/j.lfs.2016.10.009
217	Doss H.M., Dey C., Sudandiradoss C., Rasool M.K.	Targeting inflammatory mediators with ferulic acid, a dietary polyphenol, for the suppression of monosodium urate crystal-induced inflammation in rats	Life Sciences	148	-	201	210	3.45	https://doi.org/10.1016/j.lfs.2016.02.004
218	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M.	Studies on the microwave assisted and conventional combustion synthesis of Hibiscus rosa-sinensis plant extract based ZnFe ₂ O ₄ nanoparticles and their optical and magnetic properties	Ceramics International	42	2	2741	2749	3.45	https://doi.org/10.1016/j.ceramint.2015.11.003
219	Elayaperumal E., Malathi M.	Effect of CuO addition on magnetic and electrical properties of Sr ₂ Bi ₄ Ti ₅ O ₁₈ lead-free ferroelectric ceramics	Ceramics International	42	5	5830	5841	3.45	https://doi.org/10.1016/j.ceramint.2015.12.126
220	Fabbiyola S., Kennedy L.J., Ratnaji T., Vijaya J.J., Aruldoss U., Bououdina M.	Effect of Fe-doping on the structural, optical and magnetic properties of ZnO nanostructures synthesised by co-precipitation method	Ceramics International	42	1	1588	1596	3.45	https://doi.org/10.1016/j.ceramint.2015.09.110

221	Thejaswini T.V.L., Prabhakaran D., Maheswari M.A.	Soft synthesis of potassium co-doped Al ³⁺ -ZnO nanocomposites: a comprehensive study on their visible-light driven photocatalytic activity on dye degradation	Journal of Materials Science	51	17	8187	8208	3.44	https://doi.org/10.1007/s10853-016-0095-1
222	Saravanan M., Sabari Girisun T.C., Vinitha G.	Third-order nonlinear optical properties and power limiting behavior of magnesium ferrite under CW laser (532Å nm, 50 mW) excitation	Journal of Materials Science	51	6	3289	3296	3.44	https://doi.org/10.1007/s10853-015-9642-4
223	Animasaun I.L., Sandeep N.	Buoyancy induced model for the flow of 36Å nm alumina-water nanofluid along upper horizontal surface of a paraboloid of revolution with variable thermal conductivity and viscosity	Powder Technology	301	-	858	867	3.41	https://doi.org/10.1016/j.powtec.2016.07.023
224	Rajashekar Reddy C.B., Rajasekhara Reddy S., Suthindhiran K., Sivakumar A.	HDAC and NF- κ B mediated cytotoxicity induced by novel N-Chloro β -lactams and benzisoxazole derivatives	Chemico-Biological Interactions	246	-	69	76	3.41	https://doi.org/10.1016/j.cbi.2016.01.010
225	Sridharan B., Ganesh R.N., Viswanathan P.	Polyacrylic acid attenuates ethylene glycol induced hyperoxaluric damage and prevents crystal aggregation in vitro and in vivo	Chemico-Biological Interactions	252	-	36	46	3.41	https://doi.org/10.1016/j.cbi.2016.03.020
226	Doss H.M., Ganesan R., Rasool M.	Trikatu, an herbal compound ameliorates rheumatoid arthritis by the suppression of inflammatory immune responses in rats with adjuvant-induced arthritis and on cultured fibroblast like synoviocytes via the inhibition of the NF κ B signaling pathway	Chemico-Biological Interactions	258	-	175	186	3.41	https://doi.org/10.1016/j.cbi.2016.09.003
227	Dasgupta N., Ranjan S., Patra D., Srivastava P., Kumar A., Ramalingam C.	Bovine serum albumin interacts with silver nanoparticles with a "side-on" or "end on" conformation	Chemico-Biological Interactions	253	-	100	111	3.41	https://doi.org/10.1016/j.cbi.2016.05.018
228	Sundaramoorthy R., Velusamy Y., Balaji A.P.B., Mukherjee A., Chandrasekaran N.	Comparative cytotoxic and genotoxic effects of permethrin and its nanometric form on human erythrocytes and lymphocytes in vitro	Chemico-Biological Interactions	257	-	119	124	3.41	https://doi.org/10.1016/j.cbi.2016.08.001
229	Krupa A.N.D., Abigail M.E.A., Santhosh C., Grace A.N., Vimala R.	Optimization of process parameters for the microbial synthesis of silver nanoparticles using 3-level Box-Behnken Design	Ecological Engineering	87	-	168	174	3.41	https://doi.org/10.1016/j.ecoleng.2015.11.030
230	Evy Alice Abigail M., Chidambaram R.	Rice husk as a low cost nanosorbent for 2,4-dichlorophenoxyacetic acid removal from aqueous solutions	Ecological Engineering	92	-	97	105	3.41	https://doi.org/10.1016/j.ecoleng.2016.03.020

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232	Murugavel S., Malathi M.	Structural, photoconductivity, and dielectric studies of polythiophene-tin oxide nanocomposites	Materials Research Bulletin	81	-	93	100	3.36	https://doi.org/10.1016/j.materrbull.2016.05.004
233	Velmurugan V., Srinivasarao U., Ramachandran R., Saranya M., Grace A.N.	Synthesis of tin oxide/graphene (SnO ₂ /G) nanocomposite and its electrochemical properties for supercapacitor applications	Materials Research Bulletin	84	-	145	151	3.36	https://doi.org/10.1016/j.materrbull.2016.07.015
234	Darbar D., Reddy M.V., Sundarrajan S., Pattabiraman R., Ramakrishna S., Chowdari B.V.R.	Anodic electrochemical performances of MgCo ₂ O ₄ synthesized by oxalate decomposition method and electrospinning technique for Li-ion battery application	Materials Research Bulletin	73	-	369	376	3.36	https://doi.org/10.1016/j.materrbull.2015.09.025
235	Manoj K.M., Parashar A., Venkatachalam A., Goyal S., Satyalipsu, Singh P.G., Gade S.K., Periyasami K., Jacob R.S., Sardar D., Singh S., Kumar R., Gideon D.A.	Atypical profiles and modulations of heme-enzymes catalyzed outcomes by low amounts of diverse additives suggest diffusible radicals' obligatory involvement in such redox reactions	Biochimie	125	-	91	111	3.36	https://doi.org/10.1016/j.biochi.2016.03.003
236	Venkatesan K., Ramanujam R.	Improvement of Machinability using Laser-Aided Hybrid Machining for Inconel 718 Alloy	Materials and Manufacturing Processes	31	14	1825	1835	3.35	https://doi.org/10.1080/10426914.2015.1117626
237	Vijayalakshmi U., Chellappa M., Anjaneyulu U., Manivasagam G., Sethu S.	Influence of Coating Parameter and Sintering Atmosphere on the Corrosion Resistance Behavior of Electrophoretically Deposited Composite Coatings	Materials and Manufacturing Processes	31	1	95	106	3.35	https://doi.org/10.1080/10426914.2015.1070424
238	Ashwath P., Xavier M.A.	Effect of ceramic reinforcements on microwave sintered metal matrix composites	Materials and Manufacturing Processes	-	-	1	6	3.35	https://doi.org/10.1080/10426914.2016.1244851
239	Venkatesan K., Ramanujam R., Kuppan P.	Parametric modeling and optimization of laser scanning parameters during laser assisted machining of Inconel 718	Optics and Laser Technology	78	-	10	18	3.32	https://doi.org/10.1016/j.optlastec.2015.09.021
240	Prabu K., Sriram Kumar D.	Polarization shift keying based relay-assisted free space optical communication over strong turbulence with misalignment	Optics and Laser Technology	76	-	58	63	3.32	https://doi.org/10.1016/j.optlastec.2015.07.012
241	Kalainathan S., Prabhakaran S.	Recent development and future perspectives of low energy laser shock peening	Optics and Laser Technology	81	-	137	144	3.32	https://doi.org/10.1016/j.optlastec.2016.02.007

242	Ishwarya R., Vaseeharan B., Iswarya A., Karthikeyan S.	Haemolytic and antibiofilm properties of haemocyanin purified from the haemolymph of Indian white shrimp Fenneropenaeus indicus	Fish and Shellfish Immunology	59	-	447	455	3.3	https://doi.org/10.1016/j.fsi.2016.10.043
243	Karthikeyan P., Muskawar P.N., Aswar S.A., Bhagat P.R., Senthil kumar S., Satvat P.S., Brijesh Nair A.N.	L-Valine functionalized ionic liquid catalyzed esterification reaction under approach	Arabian Journal of Chemistry	9	-	S1679	S1682	3.3	https://doi.org/10.1016/j.arabjc.2012.04.032
244	Balaji G.L., Vijayakumar V., Rajesh K.	Microwave assisted synthesis of 2,6-diaryl-4-piperidones and 2,4,6,8-tetraaryl-3,7-diazabicyclo[3.3.1]nonan-9-ones	Arabian Journal of Chemistry	9	-	S1101	S1104	3.3	https://doi.org/10.1016/j.arabjc.2011.12.011
245	Muskawar P.N., Karthikeyan P., Aswar S.A., Bhagat P.R., Senthil Kumar S.	NHC metal complexes based on benzimidazolium moiety for chemical transformation: 1st Cancer Update	Arabian Journal of Chemistry	9	-	S1765	S1778	3.3	https://doi.org/10.1016/j.arabjc.2012.04.040
246	Sarveswari S., Vijayakumar V.	Synthesis and characterization of new 3-(4,5-dihydro-5-aryl)isoxazol-3-yl)-4-hydroxyquinolin-2(1H)-ones and 3-(4-styryl)isoxazolo[4,5-c]quinolin-4(5H)-one derivatives	Arabian Journal of Chemistry	9	-	S835	S839	3.3	https://doi.org/10.1016/j.arabjc.2011.09.020
247	Karthikeyan P., Aswar S.A., Muskawar P.N., Sythana S.K., Bhagat P.R., Kumar S.S., Satvat P.S.	A novel L-amino acid ionic liquid for quick and highly efficient synthesis of oxime derivatives An environmental benign approach	Arabian Journal of Chemistry	9	-	S1036	S1039	3.3	https://doi.org/10.1016/j.arabjc.2011.11.007
248	shaikh T., Rub R.A., Sasikumar S.	Antimicrobial screening of Cichorium intybus seed extracts	Arabian Journal of Chemistry	9	-	S1569	S1573	3.3	https://doi.org/10.1016/j.arabjc.2012.04.012
249	Sarveswari S., Vijayakumar V.	A rapid microwave assisted synthesis of 1-(6-chloro-2-methyl-4-phenylquinolin-3-yl)-3-(aryl)prop-2-en-1-ones and their anti bacterial and anti fungal evaluation	Arabian Journal of Chemistry	9	-	S35	S40	3.3	https://doi.org/10.1016/j.arabjc.2011.01.032
250	Simha P., Ramanathan A., Thawani B., Jain P., Hussain S., Ganesapillai M.	Coal fly ash for the recovery of nitrogenous compounds from wastewater: Parametric considerations and system design	Arabian Journal of Chemistry	-	-	-	-	3.3	https://doi.org/10.1016/j.arabjc.2016.11.013
251	Thilak T., Basheer Ahamed M., Marudhu G., Vinitha G.	Effect of KDP on the growth, thermal and optical properties of L-alanine single crystals	Arabian Journal of Chemistry	9	5	676	680	3.3	https://doi.org/10.1016/j.arabjc.2013.04.022
252	Kasetty G., Smeds E., Holmberg E., Wrange L., Adikesavan S., Papareddy P.	Vertebrate TFPI-2 C-terminal peptides exert therapeutic applications against Gram-negative infections	BMC Microbiology	16	1	-	-	3.29	https://doi.org/10.1186/s12866-016-0750-3
253	Sandeep N., Malvandi A.	Enhanced heat transfer in liquid thin film flow of non-Newtonian nanofluids embedded with graphene nanoparticles	Advanced Powder Technology	27	6	2448	2456	3.25	https://doi.org/10.1016/j.apt.2016.08.023

254	Kameswaran P.K., Hemalatha K., Madhavi M.V.D.N.S.	Melting effect on convective heat transfer from a vertical plate embedded in a non-Darcy porous medium with variable permeability	Advanced Powder Technology	27	2	417	425	3.25	https://doi.org/10.1016/j.appt.2016.01.020
255	Jayachandra Babu M., Sandeep N.	Three-dimensional MHD slip flow of nanofluids over a slendering stretching sheet with thermophoresis and Brownian motion effects	Advanced Powder Technology	27	5	2039	2050	3.25	https://doi.org/10.1016/j.appt.2016.07.013
256	Kumar A.S., Shanmugam R., Vishnu N., Pillai K.C., Kamaraj S.	Electrochemical immobilization of ellagic acid phytochemical on MWCNT modified glassy carbon electrode surface and its efficient hydrazine electrocatalytic activity in neutral pH	Journal of Electroanalytical Chemistry	782	-	215	224	3.22	https://doi.org/10.1016/j.jelechem.2016.10.010
257	Prasannalakshmi P., Shanmugam N., kumar A.S., Kannadasan N.	Phase-dependent electrochemistry of TiO ₂ nanocrystals for supercapacitor applications	Journal of Electroanalytical Chemistry	775	-	356	363	3.22	https://doi.org/10.1016/j.jelechem.2016.06.027
258	Muthuchamy A., Raja Annamalai A., Agrawal D.K., Upadhyaya A.	An investigation on effect of heating mode and temperature on sintering of Fe-P alloys	Materials Characterization	114	-	122	135	3.22	https://doi.org/10.1016/j.matchar.2016.02.015
259	Vijayarajan, V.; Dinakaran, M.; Tejaswin, Priyam; Lohani, Mayank	A generic framework for ontology-based information retrieval and image retrieval in web data	Human-centric Computing and Information Sciences	6	1	-	-	3.21	https://doi.org/10.1186/s13673-016-0074-1
260	Anantharaman A., Hemachandran H., Mohan S., Manikoth Ayyathan D., Kumar D.T, George Priya Doss C., Siva R.	Induction of apoptosis by apocarotenoids in B16 melanoma cells through ROS-mediated mitochondrial-dependent pathway	Journal of Functional Foods	20	-	346	357	3.2	https://doi.org/10.1016/j.jff.2015.11.019
261	Senthilkumar D., Jayanthi S.	Partial characterization and anticancer activities of purified glycoprotein extracted from green seaweed <i>Codium decortiatum</i>	Journal of Functional Foods	25	-	323	332	3.2	https://doi.org/10.1016/j.jff.2016.06.010
262	Indumathi P., Mehta A.	A novel anticoagulant peptide from the Nori hydrolysate	Journal of Functional Foods	20	-	606	617	3.2	https://doi.org/10.1016/j.jff.2015.11.016
263	Dubey V., Ghosh A.R., Bishayee K., Khuda-Buksh A.R.	Appraisal of the anti-cancer potential of probiotic <i>Pediococcus pentosaceus</i> GS4 against colon cancer: In vitro and in vivo approaches	Journal of Functional Foods	23	-	66	79	3.2	https://doi.org/10.1016/j.jff.2016.02.032
264	Karthik D., Swaroop S.	Laser peening without coating induced phase transformation and thermal relaxation of residual stresses in AISI 321 steel	Surface and Coatings Technology	291	-	161	171	3.19	https://doi.org/10.1016/j.surfcoat.2016.02.038
265	Umapathi A., Swaroop S.	Residual stress distribution in a laser peened Ti-2.5Cu alloy	Surface and Coatings Technology	307	-	38	46	3.19	https://doi.org/10.1016/j.surfcoat.2016.08.053

266	Sankar M., Suwas S., Balasubramanian S., Manivasagam G.	Comparison of electrochemical behavior of hydroxyapatite coated onto WE43 Mg alloy by electrophoretic and pulsed laser deposition	Surface and Coatings Technology	309	-	840	848	3.19	https://doi.org/10.1016/j.surfcoat.2016.10.077
267	Thampy A.S., Dhamodharan S.K.	Performance analysis and comparison of MWCNT loaded ITO and TIO based optically transparent patch antennas for terahertz communications	Physica E: Low-Dimensional Systems and Nanostructures	78	-	123	129	3.18	https://doi.org/10.1016/j.physe.2015.11.030
268	Udhaya Lavinya B., Bardhan I., Evan Prince S.	Efficacy of CoenzymeQ10 in inhibiting monosodium urate crystal-induced inflammation in rats	European Journal of Pharmacology	791	-	589	594	3.17	https://doi.org/10.1016/j.ejphar.2016.09.036
269	Dhanasekar C., Rasool M.	Morin, a dietary bioflavonol suppresses monosodium urate crystal-induced inflammation in an animal model of acute gouty arthritis with reference to NLRP3 inflammasome, hypo-xanthine phospho-ribosyl transferase, and inflammatory mediators	European Journal of Pharmacology	786	-	116	127	3.17	https://doi.org/10.1016/j.ejphar.2016.06.005
270	Porwal, S.; Vijaya, K.; Kasthuri, M.	CONNECTIONS BETWEEN VARIOUS SUBCLASSES OF PLANAR HARMONIC MAPPINGS INVOLVING GENERALIZED BESSEL FUNCTIONS	MATEMATICHE	71	1	99	114	3.16	https://doi.org/10.4418/2016.71.1.8
271	Surendra T.V., Roopan S.M., Al-Dhabi N.A., Arasu M.V., Sarkar G., Suthindhiran K.	Vegetable Peel Waste for the Production of ZnO Nanoparticles and its Toxicological Efficiency, Antifungal, Hemolytic, and Antibacterial Activities	Nanoscale Research Letters	11	1	-	-	3.16	https://doi.org/10.1186/s11671-016-1750-9
272	Arthisree D., Devi K.S.S., Devi S.L., Meera K., Joshi G.M., Senthil Kumar A.	A hydrophobic coenzyme Q10 stabilized functionalized-MWCNT modified electrode as an efficient functional biomimetic system for the electron-transfer study	Colloids and Surfaces A: Physicochemical and Engineering Aspects	504	-	53	61	3.13	https://doi.org/10.1016/j.colsurfa.2016.05.048
273	Arunkumar M.P., Jagadeesh M., Pitchaimani J., Gangadharan K.V., Babu M.C.L.	Sound radiation and transmission loss characteristics of a honeycomb sandwich panel with composite facings: Effect of inherent material damping	Journal of Sound and Vibration	383	-	221	232	3.12	https://doi.org/10.1016/j.jsv.2016.07.028
274	Nalliah, M.	ANTIMAGIC LABELING OF DIGRAPHS	Journal of the Indonesian Mathematical Society	22	1	61	69	3.09	https://www.jimsa.org/index.php/jimsa/article/view/216
275	Anitha Devi V., Revathi K.	A brief review of literature on immediate feedback studies in CALL	Rupkatha Journal on Interdisciplinary Studies in Humanities	8	3	262	268	3.09	https://doi.org/10.21659/rupkatha.v8n3.27

276	Kar, Rohan; Haldar, Rishin	Applying Chatbots to the Internet of Things: Opportunities and Architectural Elements	International Journal of Advanced Computer Science and Applications	7	11	147	154	3.09	https://thesai.org/Publications/ViewPaper?Volume=7&Issue=11&Code=ijacsa&SerialNo=19
277	Senguttuvan M., Dwivedi L.D.	Artistic escape as joyce's notion of love and hatred	Rupkatha Journal on Interdisciplinary Studies in Humanities	8	1	68	77	3.09	http://rupkatha.com/V8/n1/07_Joyce.pdf
278	Dhamodharan A., Shanthakumar S., Ganapathy G.P.	Assessment of seasonal variations in surface water quality of cooum river in Chennai, India “A statistical approach”	Global Media Journal	18	3	527	545	3.09	https://pdfs.semanticscholar.org/6160/6195ade8f1411b1a8f73f5a319065f0cdc97.pdf
279	Acharjya, D. P.; Ahmed, Kauser P.	A Survey on Big Data Analytics: Challenges, Open Research Issues and Tools	International Journal of Advanced Computer Science and Applications	7	2	511	518	3.09	https://thesai.org/Publications/ViewPaper?Volume=7&Issue=2&Code=ijacsa&SerialNo=67
280	Tessy mathew., U srinivasa rao., L jeganathan	Cellular automata: a decision support system for stock market trading	International Journal of Computational Economics and Econometrics	6	4	366	378	3.09	http://www.inderscience.com/info/inarticle.php?artid=79531
281	Viswanatham, V. Madhu	Cloud Computing : Goals, Issues, SOA, Integrated Technologies and Future-scope	AMBIENT SCIENCE	3	2	4	11	3.09	https://doi.org/10.21276/ambi.2016.03.2.rv01
282	Phanikumar B.R., Raghav R., Bhargav K.	Collapse behaviour of a lateritic soil	Geomechanics and Geoengineering	11	2	119	124	3.09	https://doi.org/10.1080/17486025.2015.1042925
283	Bhatia, Dimple R.; Thiagarajan, Padma	Combination effects of sorafenib with PI3K inhibitors under hypoxia in colorectal cancer	HYPOXIA	4	-	163	174	3.09	https://doi.org/10.2147/HP.S115500
284	Varma, G. V. Pradeep; Srinivas, T.	Comparative study on steam flash, organic flash and Kalina for enhanced power generation from waste heat recovery	JOURNAL OF POWER TECHNOLOGIES	96	2	81	91	3.09	https://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-98730f82-cfd8-4803-bd30-99b45b4fceda
285	Kalaiselvan C., Bhaskara Rao L.	Comparison of reliability techniques of parametric and non-parametric method	Engineering Science and Technology, an International Journal	19	2	691	699	3.09	https://doi.org/10.1016/j.jestch.2015.11.002
286	Bavirisetti D.P., Dhuli R.	Fusion of Infrared and Visible Sensor Images Based on Anisotropic Diffusion and Karhunen-Loeve Transform	IEEE Sensors Journal	16	1	203	209	3.08	https://doi.org/10.1109/JSEN.2015.2478655
287	Rajan R., Murali A., Sivakumar A., Raj N.A.N.	A Portable Detection Kit Using Au Nanoparticles Modified Carbon Paste Electrode for Screening Uricemia Patients	IEEE Sensors Journal	16	23	8200	8205	3.08	https://doi.org/10.1109/JSEN.2016.2569564
288	Gandhi M.S.A., Sivabalan S., Babu P.R., Senthilnathan K.	Designing a biosensor Using a photonic quasi-crystal fiber	IEEE Sensors Journal	16	8	2425	2430	3.08	https://doi.org/10.1109/JSEN.2016.2514850
289	Kumar V.N., Narayana K.V.L.	Development of an ANN-Based Pressure Transducer	IEEE Sensors Journal	16	1	53	60	3.08	https://doi.org/10.1109/JSEN.2015.2477458

290	Venkata Lakshmi Narayana K., Naveen Kumar V.	Development of an Intelligent Temperature Transducer	IEEE Sensors Journal	17	8	2610	2610	3.08	https://doi.org/10.1109/JSEN.2016.2549049
291	Ganesan R., Doss H.M., Rasool M.	Majoon ushba, a polyherbal compound ameliorates rheumatoid arthritis via regulating inflammatory and bone remodeling markers in rats	Cytokine	77	-	115	126	3.08	https://doi.org/10.1016/j.cyto.2015.11.002
292	Subran S.K., Banerjee S., Mondal A., Paira P.	Amberlite IR-120(H)-mediated aqueous water synthesis of novel anticancer ruthenium(ii)-p-cymene 2-pyridinylbenzothiazole (BTZ), 2-pyridinylbenzoxazole (BOZ) & 2-pyridinylbenzimidazole (BIZ) scaffolds	New Journal of Chemistry	40	12	10333	10343	3.07	https://doi.org/10.1039/c6nj02049f
293	Sathesh V., Sathiyarayanan K.I.	Temperature-controlled Mukaiyama aldol reaction of cyclododecanone (CDD) with aromatic aldehydes promoted by TMSCl: Via the (TMS) ₃ Si intermediate generated in situ	New Journal of Chemistry	40	4	3833	3842	3.07	https://doi.org/10.1039/c5nj02685g
294	Pothanagandhi N., Sivaramakrishna A., Vijayakrishna K.	Polyelectrolyte-catalyzed Diels-Alder reactions	Reactive and Functional Polymers	106	-	132	136	3.07	https://doi.org/10.1016/j.reactfunctpolym.2016.07.021
295	Palaniraja J., Roopan S.M., Rayalu G.M., Al-Dhabi N.A., Arasu M.V.	A metal-free regioselective multicomponent approach for the synthesis of free radical scavenging pyrimido-fused indazoles and their fluorescence studies	Molecules	21	11	-	-	3.06	https://doi.org/10.3390/molecules21111571
296	Gopalakrishnan M., Thirumoorthy K., Bhuvanesh N.S.P., Palanisami N.	Eight membered cyclic-borasiloxanes: Synthesis, structural, photophysical, steric strain and DFT calculations	RSC Advances	6	61	55698	55709	3.05	https://doi.org/10.1039/c6ra02080a
297	Manoj K.M., Gade S.K., Venkatachalam A., Gideon D.A.	Electron transfer amongst flavo- and hemo-proteins: Diffusible species effect the relay processes, not protein-protein binding	RSC Advances	6	29	24121	24129	3.05	https://doi.org/10.1039/c5ra26122h
298	Sinha S., Sravanthi T.V., Yuvaraj S., Manju S.L., Doble M.	2-Amino-4-aryl thiazole: A promising scaffold identified as a potent 5-LOX inhibitor	RSC Advances	6	23	19271	19279	3.05	https://doi.org/10.1039/c5ra28187c
299	Mandlimath T.R., Sathiyarayanan K.I.	Facile synthesis of ZnAl ₂ O ₄ nanoparticles: Efficient and reusable porous nano ZnAl ₂ O ₄ and copper supported on ZnAl ₂ O ₄ catalysts for one pot green synthesis of propargylamines and imidazo[1,2-a]pyridines by A ₃ coupling reactions	RSC Advances	6	4	3117	3125	3.05	https://doi.org/10.1039/c5ra20812b

300	Balijapalli U., Manickam S., Thiyagarajan M.D., Iyer S.K.	Highly emissive, naked-eye solvatochromic probe based on styryl tetrahydrodibenzo[<i>A, I</i>] phenanthridine for acidochromic applications	RSC Advances	6	63	58549	58560	3.05	https://doi.org/10.1039/c6ra09359k
301	Saravanan M., Sabari Girisun T.C., Vinitha G., Venugopal Rao S.	Improved third-order optical nonlinearity and optical limiting behaviour of (nanospindle and nanosphere) zinc ferrite decorated reduced graphene oxide under continuous and ultrafast laser excitation	RSC Advances	6	94	91083	91092	3.05	https://doi.org/10.1039/c6ra21428b
302	Nivetha K., Kalainathan S., Yamada M., Kondo Y., Hamada F.	Investigation on the growth, structural, HOMO-LUMO and optical studies of 1-ethyl-2-[2-(4-hydroxy-phenyl)-vinyl]-pyridinium iodide (HSPI) - A new stilbazolium derivative for third-order NLO applications	RSC Advances	6	42	35977	35990	3.05	https://doi.org/10.1039/c6ra02544g
303	Sathiyam G., Sakthivel P.	A multibranching carbazole linked triazine based fluorescent molecule for the selective detection of picric acid	RSC Advances	6	108	106705	106715	3.05	https://doi.org/10.1039/C6RA22632A
304	Bindhu B., Sharu B.K., Gopika M.S., Praseetha P.K., Veluraja K.	Molybdenum disulfide nanoflakes through Li-AHA assisted exfoliation in an aqueous medium	RSC Advances	6	26	22026	22033	3.05	https://doi.org/10.1039/c5ra25368c
305	Gopalakrishnan M., Palanisami N.	New sterically hindered tin(IV) siloxane precursors to tinsilicate materials: Synthesis, spectral, structural and photocatalytic studies	RSC Advances	6	3	1760	1768	3.05	https://doi.org/10.1039/c5ra23424g
306	Palaniraja J., Roopan S.M., Rayalu G.M.	One-pot synthesis of highly functionalized pyrimido[1,2- <i>b</i>]indazoles via 6-endo-dig cyclization	RSC Advances	6	29	24610	24616	3.05	https://doi.org/10.1039/c6ra02596j
307	Satija J., Punjabi N., Mishra D., Mukherji S.	Plasmonic-ELISA: Expanding horizons	RSC Advances	6	88	85440	85456	3.05	https://doi.org/10.1039/c6ra16750k
308	Khiratkar A.G., Muskawar P.N., Bhagat P.R.	Polymer-supported benzimidazolium based ionic liquid: An efficient and reusable Br ⁻ based acid catalyst for Biginelli reaction	RSC Advances	6	107	105087	105093	3.05	https://doi.org/10.1039/c6ra23781a
309	Thangaraja J., Anand K., Mehta P.S.	Predicting surface tension for vegetable oil and biodiesel fuels	RSC Advances	6	88	84645	84657	3.05	https://doi.org/10.1039/c6ra17948g
310	Anjaneyulu U., Swaroop V.K., Vijayalakshmi U.	Preparation and characterization of novel Ag doped hydroxyapatite-Fe ₃ O ₄ -chitosan hybrid composites and in vitro biological evaluations for orthopaedic applications	RSC Advances	6	13	10997	11007	3.05	https://doi.org/10.1039/c5ra21479c
311	Chhabra H., Deshpande R., Kanitkar M., Jaiswal A., Kale V.P., Bellare J.R.	A nano zinc oxide doped electrospun scaffold improves wound healing in a rodent model	RSC Advances	6	2	1428	1439	3.05	https://doi.org/10.1039/c5ra21821g

312	Prasad Reddy B.R., Govardhana Reddy P.V., Kumar D.P., Reddy B.N., Shankar M.V.	Rapid synthesis of alkylaminophenols via the Petasis borono-Mannich reaction using protonated trititanate nanotubes as robust solid-acid catalysts	RSC Advances	6	18	14682	14691	3.05	https://doi.org/10.1039/c5ra25064a
313	Ilangoan S.S., Sen S.	Simultaneous inhibition of EGFR and MET receptors with phytochemical conjugated magnetic nanocarriers: In silico and in vitro study	RSC Advances	6	83	80121	80132	3.05	https://doi.org/10.1039/c6ra11821f
314	Kumar D.N., Roy J., Alex S.A., Chandrasekaran N., Mukherjee A.	Spectrofluorimetric determination of Hg ²⁺ and Pb ²⁺ using acetylcholinesterase (AChE)-based formation of silver nanoparticles	RSC Advances	6	25	21261	21270	3.05	https://doi.org/10.1039/c6ra00193a
315	Karthigha S., Kalainathan S., Hamada F., Yamada M., Kondo Y.	Synthesis, growth and third-order nonlinear optical properties of quinolinium single crystal-PCLQI	RSC Advances	6	39	33159	33169	3.05	https://doi.org/10.1039/c6ra05055g
316	Sathiyam G., Thangamuthu R., Sakthivel P.	Synthesis of carbazole-based copolymers containing carbazole-thiazolo[5,4- <i>D</i>] thiazole groups with different dopants and their fluorescence and electrical conductivity applications	RSC Advances	6	73	69196	69205	3.05	https://doi.org/10.1039/c6ra08888k
317	Sridhar P., Alagumuthu M., Arumugam S., Reddy S.R.	Synthesis of quinoline acetohydrazide-hydrazone derivatives evaluated as DNA gyrase inhibitors and potent antimicrobial agents	RSC Advances	6	69	64460	64468	3.05	https://doi.org/10.1039/c6ra09891f
318	Rajagopal S., Bharaneswari M., Nataraj D., Khyzhun O.Y., Djaoued Y.	Systematic synthesis and analysis of change in morphology, electronic structure and photoluminescence properties of 2,2'-bipyridyl intercalated MoO ₃ hybrid nanostructures and investigation of their photocatalytic activity	RSC Advances	6	91	88287	88299	3.05	https://doi.org/10.1039/c6ra13558g
319	Sivaramakrishna A., Sravani C., Venkatesh S., Pavankumar B.B., Vijayakrishna K., Bhat H.R., Jha P.C., Smith G.S.	Theoretical and experimental investigations on stability and chemistry of organoiridium(III) complexes	RSC Advances	6	107	105528	105539	3.05	https://doi.org/10.1039/c5ra27350a
320	Mahendiran D., Vinitha G., Shobana S., Viswanathan V., Velmurugan D., Rahiman A.K.	Theoretical, photophysical and biological investigations of an organic charge transfer compound 2-aminobenzimidazolium-2-oxyisoindolate-1,3-dione-2-hydroxyisoindoline-1,3-dione	RSC Advances	6	65	60336	60348	3.05	https://doi.org/10.1039/c6ra03574d
321	Sivanesan D., Kim Y.E., Youn M.H., Park K.T., Kim H.-J., Grace A.N., Jeong S.K.	The salt-based catalytic enhancement of CO ₂ absorption by a tertiary amine medium	RSC Advances	6	69	64575	64580	3.05	https://doi.org/10.1039/c6ra13978g

322	Jauhar Ro.Mu., Viswanathan V., Vivek P., Vinitha G., Velmurugan D., Murugakoothan P.	A new organic NLO material isonicotinamidium picrate (ISPA): Crystal structure, structural modeling and its physico-chemical properties	RSC Advances	6	63	57977	57985	3.05	https://doi.org/10.1039/c6ra10477k
323	Rajeshwari A., Suresh S., Chandrasekaran N., Mukherjee A.	Toxicity evaluation of gold nanoparticles using an <i>Allium cepa</i> bioassay	RSC Advances	6	29	24000	24009	3.05	https://doi.org/10.1039/c6ra04712b
324	Jayachandra R., Reddy S.R.	A remarkable chiral recognition of racemic Mosher's acid salt by naturally derived chiral ionic liquids using ¹⁹ F NMR spectroscopy	RSC Advances	6	46	39758	39761	3.05	https://doi.org/10.1039/c6ra02792j
325	Janardan S., Suman P., Ragul G., Anjaneyulu U., Shivendu R., Dasgupta N., Ramalingam C., Swamiappan S., Vijayakrishna K., Sivaramakrishna A.	Assessment on the antibacterial activity of nanosized silica derived from hypercoordinated silicon(IV) precursors	RSC Advances	6	71	66394	66406	3.05	https://doi.org/10.1039/c6ra12189f
326	Nanda Kumar D., Alex S.A., Chandrasekaran N., Mukherjee A.	Acetylcholinesterase (AChE)-mediated immobilization of silver nanoparticles for the detection of organophosphorus pesticides	RSC Advances	6	69	64769	64777	3.05	https://doi.org/10.1039/c6ra13185a
327	Roopan S.M., Palaniraja J., Elango G., Arunachalam P., Sudhakaran R.	Catalytic application of non-toxic <i>Persia americana</i> metabolite entrapped SnO ₂ nanoparticles towards the synthesis of 3,4-dihydroacridin-1(2H)-ones	RSC Advances	6	25	21072	21075	3.05	https://doi.org/10.1039/c5ra25975d
328	Alex S.A., Chakraborty D., Chandrasekaran N., Mukherjee A.	A comprehensive investigation of the differential interaction of human serum albumin with gold nanoparticles based on the variation in morphology and surface functionalization	RSC Advances	6	58	52683	52694	3.05	https://doi.org/10.1039/c6ra10506h
329	Srinivasan E., Rajasekaran R.	Computational investigation of curcumin, a natural polyphenol that inhibits the destabilization and the aggregation of human SOD1 mutant (Ala4Val)	RSC Advances	6	104	102744	102753	3.05	https://doi.org/10.1039/c6ra21927f
330	Naidu S., Reddy S.R.	Copper-catalyzed tandem reaction in ionic liquid: An efficient reusable catalyst and solvent media for the synthesis of fused poly hetero cyclic compounds	RSC Advances	6	67	62742	62746	3.05	https://doi.org/10.1039/c6ra13712a
331	Khiratkar A.G., Senthil Kumar S., Bhagat P.R.	Designing a sulphonic acid functionalized benzimidazolium based poly(ionic liquid) for efficient adsorption of hexavalent chromium	RSC Advances	6	44	37757	37764	3.05	https://doi.org/10.1039/c6ra01219a

332	Rajesh R., Ravichandran Y.D., Jeevan Kumar Reddy M., Ryu S.H., Shanmugharaj A.M.	Development of functionalized multi-walled carbon nanotube-based polysaccharide-hydroxyapatite scaffolds for bone tissue engineering	RSC Advances	6	85	82385	82393	3.05	https://doi.org/10.1039/c6ra16709h
333	Maiti B., Chanda K.	Diversity oriented synthesis of benzimidazole-based biheterocyclic molecules by combinatorial approach: A critical review	RSC Advances	6	56	50384	50413	3.05	https://doi.org/10.1039/c6ra06930d
334	Shiny P.J., Mukherjee A., Chandrasekaran N.	DNA damage and mitochondria-mediated apoptosis of A549 lung carcinoma cells induced by biosynthesised silver and platinum nanoparticles	RSC Advances	6	33	27775	27787	3.05	https://doi.org/10.1039/c5ra27185a
335	Helan V., Prince J.J., Al-Dhabi N.A., Arasu M.V., Ayeshamariam A., Madhumitha G., Roopan S.M., Jayachandran M.	Neem leaves mediated preparation of NiO nanoparticles and its magnetization, coercivity and antibacterial analysis	Results in Physics	6	-	712	718	3.04	https://doi.org/10.1016/j.rinp.2016.10.005
336	Baruah A.R., Deva A., Sarma A.	Pseudo force acting between bodies	Results in Physics	6	-	270	276	3.04	https://doi.org/10.1016/j.rinp.2016.05.009
337	Li X., Ibrahim M.H., Kumari S., Sangaiah A.K., Gupta V., Choo K.K.R.	Anonymous mutual authentication and key agreement scheme for wearable sensors in wireless body area networks	Computer Networks	-	-	-	-	3.03	https://doi.org/10.1016/j.comnet.2017.03.013
338	Arivuselvi R., Kumar A.R.	Growth and characterization of inorganic non linear optical Barium Calcium Borate (BCB) crystal	Materials Letters	178	-	264	267	3.02	https://doi.org/10.1016/j.matlet.2016.04.208
339	Kumar K.N.C., Pasha S.K.K., Muhammad G.S., Chidambaram K., Deshmukh K.	Influence of nickel on the structural, optical and magnetic properties of PbS thin films synthesized by successive ionic layer adsorption and reaction (SILAR) method	Materials Letters	164	-	108	110	3.02	https://doi.org/10.1016/j.matlet.2015.10.120
340	Chaudhuri, B.; Mondal, B.; Kumar, S.; Sarkar, S. C.	Myoblast differentiation and protein expression in electrospun graphene oxide (GO)-poly (epsilon-caprolactone, PCL) composite meshes	Materials Letters	182	-	194	197	3.02	https://doi.org/10.1016/j.matlet.2016.06.107
341	Gowrishankar M., Babu D.R., Saravanan P.	Room temperature multiferroism in La and Ti co-substituted BiFeO3 nanoparticles	Materials Letters	171	-	34	37	3.02	https://doi.org/10.1016/j.matlet.2016.02.044
342	Sivanandan T., Kalainathan S.	Vickers microhardness studies on Cobalt Mercury Thiocyanate single crystals grown in silica gel	Materials Letters	162	-	211	213	3.02	https://doi.org/10.1016/j.matlet.2015.10.009
343	Ethiraj A.S., Jayanthi S., Ramalingam C., Banerjee C.	Control of size and antimicrobial activity of green synthesized silver nanoparticles	Materials Letters	185	-	526	529	3.02	https://doi.org/10.1016/j.matlet.2016.07.114

344	Sait A., Prabhav N.R., Sekharappa V., Rajan R., Nambi Raj N.A., David K.S.	Biomechanical comparison of short-segment posterior fixation including the fractured level and circumferential fixation for unstable burst fractures of the lumbar spine in a calf spine model	Journal of Neurosurgery: Spine	25	5	602	609	3	https://doi.org/10.3171/2016.4.SPINE1671
345	Chand A.K.B., Vijender N.	A new class of fractal interpolation surfaces based on functional values	Fractals	24	1	-	-	2.97	https://doi.org/10.1142/S0218348X16500079
346	Paul I.E., Raichur A.M., Chandrasekaran N., Mukherjee A.	Fluorometric sensing of endotoxin based on aggregation of CTAB capped gold nanospheres	Journal of Luminescence	178	-	106	114	2.96	https://doi.org/10.1016/j.jlumin.2016.05.030
347	Sekar G., Vijayakumar S., Thanigaivel S., Thomas J., Mukherjee A., Chandrasekaran N.	Multiple spectroscopic studies on the interaction of BSA with pristine CNTs and their toxicity against Donax faba	Journal of Luminescence	170	-	141	149	2.96	https://doi.org/10.1016/j.jlumin.2015.10.045
348	Hemalatha K., Madhumitha G.	Study of binding interaction between anthelmintic 2, 3-dihydroquinazolin-4-ones with bovine serum albumin by spectroscopic methods	Journal of Luminescence	178	-	163	171	2.96	https://doi.org/10.1016/j.jlumin.2016.05.041
349	Sulochana, C.; Sandeep, N.; Sugunamma, V.; Kumar, B. Rushi	Aligned magnetic field and cross-diffusion effects of a nanofluid over an exponentially stretching surface in porous medium	APPLIED NANOSCIENCE	6	5	737	746	2.951	https://doi.org/10.1007/s13204-015-0475-x
350	Sugumar, Saranya; Singh, Sanjay; Mukherjee, Amitava; Chandrasekaran, N.	Nanoemulsion of orange oil with non ionic surfactant produced emulsion using ultrasonication technique: evaluating against food spoilage yeast	APPLIED NANOSCIENCE	6	1	113	120	2.951	https://doi.org/10.1007/s13204-015-0412-z
351	Swarnavalli, G. Cynthia Jemima; Dinakaran, S.; Divya, S.	Preparation and characterization of nanosized Ag/SLN composite and its viability for improved occlusion	APPLIED NANOSCIENCE	6	7	1065	1072	2.951	https://doi.org/10.1007/s13204-016-0522-2
352	Ganapathy Subramanian R., Elumalai V.K.	Robust MRAC augmented baseline LQR for tracking control of 2 DoF helicopter	Robotics and Autonomous Systems	86	-	70	77	2.93	https://doi.org/10.1016/j.robot.2016.08.004
353	Rajesh R., Iyer S.S., Ezhilan J., Kumar S.S., Venkatesan R.	Graphene oxide supported copper oxide nanoneedles: An efficient hybrid material for removal of toxic azo dyes	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	166	-	49	55	2.93	https://doi.org/10.1016/j.saa.2016.05.002
354	Jagannathan K., Umarani P., Ratchagar V., Ramesh V., Kalainathan S.	Growth and characterization of novel organic 3-Hydroxy Benzaldehyde-N-methyl 4 Stilbazolium Tosylate crystals for NLO applications	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	153	-	735	740	2.93	https://doi.org/10.1016/j.saa.2015.10.002
355	Sharma D., Kuba A., Thomas R., Ashok Kumar S.K., Kuwar A., Choi H.-J., Sahoo S.K.	Acetate selective fluorescent turn-on sensors derived using Vitamin B6 cofactor pyridoxal-5-phosphate	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	157	-	110	115	2.93	https://doi.org/10.1016/j.saa.2015.12.024

356	Ranjan S., Dasgupta N., Rajendran B., Avadhani G.S., Ramalingam C., Kumar A.	Microwave-irradiation-assisted hybrid chemical approach for titanium dioxide nanoparticle synthesis: microbial and cytotoxicological evaluation	Environmental Science and Pollution Research	23	12	12287	12302	2.91	https://doi.org/10.1007/s11356-016-6440-8
357	Sekhar Y.R., Sharma K.V., Kamal S.	Nanofluid heat transfer under mixed convection flow in a tube for solar thermal energy applications	Environmental Science and Pollution Research	23	10	9411	9417	2.91	https://doi.org/10.1007/s11356-015-5715-9
358	Mishra P., Balaji A.P.B., Swathy J.S., Paari A.L., Kezhiah M., Tyagi B.K., Mukherjee A., Chandrasekaran N.	Stability assessment of hydro dispersive nanometric permethrin and its biosafety study towards the beneficial bacterial isolate from paddy rhizome	Environmental Science and Pollution Research	23	24	24970	24982	2.91	https://doi.org/10.1007/s11356-016-7731-9
359	Iswarya V., Manivannan J., De A., Paul S., Roy R., Johnson J.B., Kundu R., Chandrasekaran N., Mukherjee A., Mukherjee A.	Surface capping and size-dependent toxicity of gold nanoparticles on different trophic levels	Environmental Science and Pollution Research	23	5	4844	4858	2.91	https://doi.org/10.1007/s11356-015-5683-0
360	Dasgupta N., Ranjan S., Rajendran B., Manickam V., Ramalingam C., Avadhani G.S., Kumar A.	Thermal co-reduction approach to vary size of silver nanoparticle: its microbial and cellular toxicology	Environmental Science and Pollution Research	23	5	4149	4163	2.91	https://doi.org/10.1007/s11356-015-4570-z
361	Natarajan S., Bhuvaneshwari M., Lakshmi D.S., Mrudula P., Chandrasekaran N., Mukherjee A.	Antibacterial and antifouling activities of chitosan/TiO ₂ /Ag NPs nanocomposite films against packaged drinking water bacterial isolates	Environmental Science and Pollution Research	23	19	19529	19540	2.91	https://doi.org/10.1007/s11356-016-7102-6
362	Ealias A.M., Jose J.V., Saravanakumar M.P.	Biosynthesised magnetic iron nanoparticles for sludge dewatering via Fenton process	Environmental Science and Pollution Research	23	21	21416	21430	2.91	https://doi.org/10.1007/s11356-016-7351-4
363	Ravikumar K.V.G., Kumar D., Rajeshwari A., Madhu G.M., Mrudula P., Chandrasekaran N., Mukherjee A.	A comparative study with biologically and chemically synthesized nZVI: applications in Cr (VI) removal and ecotoxicity assessment using indigenous microorganisms from chromium-contaminated site	Environmental Science and Pollution Research	23	3	2613	2627	2.91	https://doi.org/10.1007/s11356-015-5382-x
364	Bhuvaneshwari M., Bairoliya S., Parashar A., Chandrasekaran N., Mukherjee A.	Differential toxicity of Al ₂ O ₃ particles on Gram-positive and Gram-negative sediment bacterial isolates from freshwater	Environmental Science and Pollution Research	23	12	12095	12106	2.91	https://doi.org/10.1007/s11356-016-6407-9
365	Nalawade C., Saxena S., Mohanty A.	Evaluating the effect of side grooving parameters on critical SZW	Engineering Fracture Mechanics	153	-	1	10	2.91	https://doi.org/10.1016/j.engfracmech.2015.12.020

366	Chakraborti D., Rahman M.M., Chatterjee A., Das D., Das B., Nayak B., Pal A., Chowdhury U.K., Ahmed S., Biswas B.K., Sengupta M.K., Lodh D., Samanta G., Chakraborty S., Roy M.M., Dutta R.N., Saha K.C., Mukherjee S.C., Pati S., Kar P.B.	Fate of over 480 million inhabitants living in arsenic and fluoride endemic Indian districts: Magnitude, health, socio-economic effects and mitigation approaches	Journal of Trace Elements in Medicine and Biology	-	-	-	-	2.9	https://doi.org/10.1016/j.jtemb.2016.05.001
367	Mw trikande., Nk karve., R anand raj., Vv jagirdar., R vasudevan	Semi-active vibration control of an 8x8 armored wheeled platform	Journal of Vibration and Control	24	2	283	302	2.87	https://doi.org/10.1177/1077546316638199
368	Ramamoorthy M., Rajamohan V., Ak J.	Vibration analysis of a partially treated laminated composite magnetorheological fluid sandwich plate	Journal of Vibration and Control	22	3	869	895	2.87	https://doi.org/10.1177/1077546314532302
369	Ananda Babu A., Edwin Sudhagar P., Rajamohan V.	Dynamic characterization of thickness tapered laminated composite plates	Journal of Vibration and Control	22	16	3555	3575	2.87	https://doi.org/10.1177/1077546314564588
370	Murugesan N., Rajamohan V.	Interlaminar shear stresses in laminated composite plates under thermal and mechanical loading	Mechanics of Advanced Materials and Structures	23	5	554	564	2.87	https://doi.org/10.1080/15376494.2015.1007190
371	Murugan R., Ramesh R., Padmanabhan K.	Investigation of the mechanical behavior and vibration characteristics of thin walled glass/carbon hybrid composite beams under a fixed-free boundary condition	Mechanics of Advanced Materials and Structures	23	8	909	916	2.87	https://doi.org/10.1080/15376494.2015.1056394
372	Abraham J., Silambarasan S.	Biodegradation of chlorpyrifos and its hydrolysis product 3,5,6-trichloro-2-pyridinol using a novel bacterium Ochrobactrum sp. JAS2: A proposal of its metabolic pathway	Pesticide Biochemistry and Physiology	126	-	13	21	2.87	https://doi.org/10.1016/j.pestbp.2015.07.001
373	Kadam K.S., Gandhi T., Gupte A., Gangopadhyay A.K., Sharma R.	Alkyl Nitrites: Novel Reagents for One-Pot Synthesis of 3,5-Disubstituted Isoxazoles from Aldoximes and Alkynes	Synthesis (Germany)	48	22	3996	4008	2.87	https://doi.org/10.1055/s-0035-1561464
374	Rajendran V.	Structural analysis of oncogenic mutation of isocitrate dehydrogenase 1	Molecular BioSystems	12	7	2276	2287	2.86	https://doi.org/10.1039/c6mb00182c
375	Chandrasekaran P., Rajasekaran R.	A systematic molecular dynamics approach to the structural characterization of amyloid aggregation propensity of I ² -microglobulin mutant D76N	Molecular BioSystems	12	3	850	859	2.86	https://doi.org/10.1039/c5mb00759c

376	Chandrasekaran P., Rajasekaran R.	Detailed computational analysis revealed mutation V210I on PrP induced conformational conversion on β^2 - β^2 loop and β^2 - β^3	Molecular BioSystems	12	10	3223	3233	2.86	https://doi.org/10.1039/c6mb00342g
377	Nisha J., Ramanathan K., Nawaz Khan F., Dhanasekaran D., Shanthi V.	Discovery of a potential lead compound for treating leprosy with dapsone resistance mutation in: <i>M. leprae</i> folP1	Molecular BioSystems	12	7	2178	2188	2.86	https://doi.org/10.1039/c6mb00225k
378	Rajkumar R., Usha Kiran K.	A compact metamaterial multiband antenna for WLAN/WiMAX/ITU band applications	AEU - International Journal of Electronics and Communications	70	5	599	604	2.85	https://doi.org/10.1016/j.aeue.2016.01.025
379	Raju C.S.K., Sandeep N., Sugunamma V., Jayachandra Babu M., Ramana Reddy J.V.	Heat and mass transfer in magnetohydrodynamic Casson fluid over an exponentially permeable stretching surface	Engineering Science and Technology, an International Journal	19	1	45	52	2.84	https://doi.org/10.1016/j.jestch.2015.05.010
380	Singhal S., Sharma R.S., Phanikumar B.R.	A laboratory study of collapse behaviour of remoulded loess under controlled wetting and flooding	Geomechanics and Geoengineering	11	2	159	163	2.84	https://doi.org/10.1080/17486025.2015.1057620
381	Balaji A.P.B., Ashu A., Manigandan S., Sastry T.P., Mukherjee A., Chandrasekaran N.	Polymeric nanoencapsulation of insect repellent: Evaluation of its bioefficacy on <i>Culex quinquefasciatus</i> mosquito population and effective impregnation onto cotton fabrics for insect repellent clothing	Journal of King Saud University - Science	29	4	517	527	2.83	https://doi.org/10.1016/j.jksus.2016.12.005
382	Narayan G., John B.	Effect of winglets induced tip vortex structure on the performance of subsonic wings	Aerospace Science and Technology	58	-	328	340	2.83	https://doi.org/10.1016/j.ast.2016.08.031
383	Arunkumar M.P., Pitchaimani J., Gangadharan K.V., Lenin Babu M.C.	Influence of nature of core on vibro acoustic behavior of sandwich aerospace structures	Aerospace Science and Technology	56	-	155	167	2.83	https://doi.org/10.1016/j.ast.2016.07.009
384	Abirami M., Kannabiran K.	<i>Streptomyces ghanaensis</i> VITHM1 mediated green synthesis of silver nanoparticles: Mechanism and biological applications	Frontiers of Chemical Science and Engineering	10	4	542	551	2.81	https://doi.org/10.1007/s11705-016-1599-6
385	Savane T.S., Kumar S., Janakiraman V.N., Kamalanathan A.S., Vijayalakshmi M.A.	Molecular insight in the purification of immunoglobulin by pseudobiospecific ligand I-histidine and histidyl moieties in histidine ligand affinity chromatography (HLAC) by molecular docking	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1021	-	129	136	2.81	https://doi.org/10.1016/j.jchromb.2015.09.010
386	Deo R.C., Samui P., Kim D.	Estimation of monthly evaporative loss using relevance vector machine, extreme learning machine and multivariate adaptive regression spline models	Stochastic Environmental Research and Risk Assessment	30	6	1769	1784	2.81	https://doi.org/10.1007/s00477-015-1153-y

387	Sasmal, Saptarshi; Nath, Dikshita	Evaluation of performance of non-invasive upgrade strategy for beam-column sub-assemblages of poorly designed structures under seismic type loading	EARTHQUAKE ENGINEERING and STRUCTURAL DYNAMICS	45	11	1817	1835	2.807	https://doi.org/10.1002/eqe.2730
388	Kadian A., Arora S., Sharma A., Joshi G.M., Pandey M., Reddy A.P., Joshi M.J., Thomas P.	Improved dielectric constant of thermoplastic blend as a function of alumina loading	Measurement: Journal of the International Measurement Confederation	90	-	461	467	2.79	https://doi.org/10.1016/j.measurement.2016.05.023
389	Venkatesan K., Ramanujam R.	Statistical approach for optimization of influencing parameters in laser assisted machining (LAM) of Inconel alloy	Measurement: Journal of the International Measurement Confederation	89	-	97	108	2.79	https://doi.org/10.1016/j.measurement.2016.04.021
390	Kalaiselvan C., Rao L.B.	Accelerated life testing of nano ceramic capacitors and capacitor test boards using non-parametric method	Measurement: Journal of the International Measurement Confederation	88	-	58	65	2.79	https://doi.org/10.1016/j.measurement.2016.03.035
391	Vaegae N.K., Komanapalli V.L.N., Annepu B.R.	Design and modeling of an intelligent temperature to frequency converter	Measurement: Journal of the International Measurement Confederation	85	-	54	64	2.79	https://doi.org/10.1016/j.measurement.2016.02.009
392	Durairaj N., Kalainathan S., Krishnaiah M.V.	Investigation on unidirectional growth of 1,3,5-Triphenylbenzene by Sankaranarayanan-Ramasamy method and its characterization of lifetime, thermal analysis, hardness and etching studies	Materials Chemistry and Physics	-	-	-	-	2.78	https://doi.org/10.1016/j.matchemphys.2016.06.090
393	Chandra Babu Naidu K., Madhuri W.	Microwave assisted solid state reaction method: Investigations on electrical and magnetic properties NiMgZn ferrites	Materials Chemistry and Physics	-	-	-	-	2.78	https://doi.org/10.1016/j.matchemphys.2016.06.079
394	Ravishankar S., Ambady A., Swetha R.G., Anbarasu A., Ramaiah S., Sambandamurthy V.K.	Essentiality assessment of cysteinyl and Lysyl-tRNA synthetases of Mycobacterium smegmatis	PLoS ONE	11	1	-	-	2.78	https://doi.org/10.1371/journal.pone.0147188
395	Ying Z., Chen M., Xie X., Wang X., Kherada N., Desikan R., Mihai G., Burns P., Sun Q., Rajagopalan S.	Lipoicmethylenedioxyphenol reduces experimental atherosclerosis through activation of Nrf2 signaling	PLoS ONE	11	2	-	-	2.78	https://doi.org/10.1371/journal.pone.0148305

396	Reddy R.B., Bhat A.R., James B.L., Govindan S.V., Mathew R., Ravindra D.R., Hedne N., Illiyaraja J., Kekatpure V., Khora S.S., Hicks W., Tata P., Kuriakose M.A., Suresh A.	Meta-Analyses of Microarray Datasets Identifies ANO1 and FADD as Prognostic Markers of Head and Neck Cancer	PLoS ONE	11	1	e0147409	-	2.78	https://doi.org/10.1371/journal.pone.0147409
397	Srinivasan R., Gothandam K.M.	Synergistic action of D-glucose and acetosyringone on agrobacterium strains for efficient dunaliella transformation	PLoS ONE	11	6	-	-	2.78	https://doi.org/10.1371/journal.pone.0158322
398	Kaur P., Datta S., Shandil R.K., Kumar N., Robert N., Sokhi U.K., Guptha S., Narayanan S., Anbarasu A., Ramaiah S.	Unravelling the Secrets of Mycobacterial Cidalilty through the Lens of Antisense	PLoS ONE	11	5	e0154513	-	2.78	https://doi.org/10.1371/journal.pone.0154513
399	Subramanian P., Kim K., Krishnamoorthy R., Mageswari A., Selvakumar G., Sa T.	Cold stress tolerance in psychrotolerant soil bacteria and their conferred chilling resistance in tomato (solanum lycopersicum Mill.) under low temperatures	PLoS ONE	11	8	-	-	2.78	https://doi.org/10.1371/journal.pone.0161592
400	Sundarrajan S., Arumugam M.	Comorbidities of psoriasis - Exploring the links by network approach	PLoS ONE	11	3	-	-	2.78	https://doi.org/10.1371/journal.pone.0149175
401	Nair C.B., Manjula J., Subramani P.A., Nagendrappa P.B., Manoj M.N., Malpani S., Pullela P.K., Subbarao P.V., Ramamoorthy S., Ghosh S.K.	Differential diagnosis of malaria on Truelab Uno [®] , a portable, real-time, MicroPCR device for point-of-care applications	PLoS ONE	11	1	-	-	2.78	https://doi.org/10.1371/journal.pone.0146961
402	Sujitha S.P., Kumar D.T., Doss C.G.P., Aavula K., Ramesh R., Lakshmanan S., Gunasekaran S., Anilkumar G.	DNA repair gene (XRCC1) polymorphism (Arg399Gln) associated with schizophrenia in South Indian Population: A genotypic and molecular dynamics study	PLoS ONE	11	1	-	-	2.78	https://doi.org/10.1371/journal.pone.0147348
403	Singh P.K., Aswani Kumar C., Li J.	Knowledge representation using interval-valued fuzzy formal concept lattice	Soft Computing	20	4	1485	1502	2.78	https://doi.org/10.1007/s00500-015-1600-1
404	Vaegae N.K., Komanapalli V.L.N., Malla S.	Development of an intelligent pressure measuring technique for bellows using radial basis function neural network	Sensors and Actuators, A: Physical	238	-	240	248	2.74	https://doi.org/10.1016/j.sna.2015.12.017
405	Abilash V.G., Radha S., Marimuthu K.M., Thangaraj K., Arun S., Nishu S., Mohana Priya A., Meena J., Anuradha D.	Clinical, cytogenetic and molecular analysis of androgen insensitivity syndromes from south Indian cohort and detection and in-silico characterization of androgen receptor gene mutations	Clinica Chimica Acta	453	-	123	130	2.74	https://doi.org/10.1016/j.cca.2015.12.012

406	Prabhakar V., Uma G.	A Polar Method using cubic spline approach for obtaining wave resonating quadruplets	Ocean Engineering	111	-	292	298	2.73	https://doi.org/10.1016/j.oceaneng.2015.10.054
407	Thanigaivel S., Chandrasekaran N., Mukherjee A., John Thomas	Seaweeds as an alternative therapeutic source for aquatic disease management	Aquaculture	464	-	529	536	2.71	https://doi.org/10.1016/j.aquaculture.2016.08.001
408	Roohi Fatima M., Dinesh S., Mekata T., Itami T., Sudhakaran R.	Therapeutic efficiency of <i>Portieria hornemannii</i> (Rhodophyta) against <i>Vibrio parahaemolyticus</i> in experimentally infected <i>Oreochromis mossambicus</i>	Aquaculture	450	-	369	374	2.71	https://doi.org/10.1016/j.aquaculture.2015.08.010
409	Kundu G.K., Manohar M.	Prioritizing lean practices for implementation in IT support services	VINE Journal of Information and Knowledge Management Systems	46	1	104	122	2.69	https://doi.org/10.1108/VJKMS-12-2014-0064
410	Jebin R.P., Suthan T., Rajesh N.P., Vinitha G., Dhas S.A.B.	Studies on crystal growth and physical properties of 4-(dimethylamino)benzaldehyde-2,4-dinitroaniline single crystal	Optical Materials	57	-	163	168	2.69	https://doi.org/10.1016/j.optmat.2016.04.030
411	Mohanraj J., Velmurugan V., Sivabalan S.	Transition metal dichalcogenides based saturable absorbers for pulsed laser technology	Optical Materials	60	-	601	617	2.69	https://doi.org/10.1016/j.optmat.2016.09.007
412	Saravanan P., Babu D.R., Chelvane J.A., Vizhi R.E.	Preface	Journal of Magnetism and Magnetic Materials	418	-	1	-	2.68	https://doi.org/10.1016/j.jmmm.2016.07.001
413	Kaliyamoorthy V., Rajan Babu D., Saminathan M.	Impact of ignition temperature on particle size and magnetic properties of CoFe ₂ O ₄ nanoparticles prepared by self-propagated MILD combustion technique	Journal of Magnetism and Magnetic Materials	418	-	280	288	2.68	https://doi.org/10.1016/j.jmmm.2016.05.025
414	Babu S.H., Kaleemulla S., Rao N.M., Krishnamoorthi C.	Indium oxide: A transparent, conducting ferromagnetic semiconductor for spintronic applications	Journal of Magnetism and Magnetic Materials	416	-	66	74	2.68	https://doi.org/10.1016/j.jmmm.2016.05.007
415	Babu D.H., Narayana P.V.S.	Joule heating effects on MHD mixed convection of a Jeffrey fluid over a stretching sheet with power law heat flux: A numerical study	Journal of Magnetism and Magnetic Materials	412	-	185	189	2.68	https://doi.org/10.1016/j.jmmm.2016.04.011
416	Chandra Babu Naidu K., Madhuri W.	Microwave processed NiMg ferrite: Studies on structural and magnetic properties	Journal of Magnetism and Magnetic Materials	420	-	109	116	2.68	https://doi.org/10.1016/j.jmmm.2016.07.031
417	Harikrishnan V., Ezhil Vizhi R.	A study on the extent of exchange coupling between (Ba _{0.5} Sr _{0.5} Fe ₁₂ O ₁₉) _{1-x} (CoFe ₂ O ₄) _x magnetic nanocomposites synthesized by solgel combustion method	Journal of Magnetism and Magnetic Materials	418	-	217	223	2.68	https://doi.org/10.1016/j.jmmm.2016.03.037

418	Harikrishnan V., Saravanan P., Ezhil Vizhi R., Babu D.R., Vinod V.T.P., Kejzlar P., ÅÄ™ernÄ-k M.	Effect of annealing temperature on the structural and magnetic properties of CTAB-capped SrFe12O19 platelets	Journal of Magnetism and Magnetic Materials	401	-	775	783	2.68	https://doi.org/10.1016/j.jmmm.2015.10.122
419	Gowrishankar M., Babu D.R., Madeswaran S.	Effect of Gdâ€³-â€³Ti co-substitution on structural, magnetic and electrical properties of multiferroic BiFeO3	Journal of Magnetism and Magnetic Materials	418	-	54	61	2.68	https://doi.org/10.1016/j.jmmm.2016.03.085
420	Anantharaman A., Priya R.R., Hemachandran H., Akella S., Rajasekaran C., Ganesh J., Fulzele D.P., Siva R.	Toxicity study of dibutyl phthalate of Rubia cordifolia fruits: in vivo and in silico analysis	Environmental Toxicology	31	9	1059	1067	2.65	https://doi.org/10.1002/tox.22115
421	Revathy T., Jacob J.J., Jayasri M.A., Suthindhiran K.	Isolation and characterization of Magnetospirillum from saline lagoon	World Journal of Microbiology and Biotechnology	32	7	-	-	2.65	https://doi.org/10.1007/s11274-016-2075-7
422	Anitha P., Anbarasu A., Ramaiah S.	Gene network analysis reveals the association of important functional partners involved in antibiotic resistance: A report on an important pathogenic bacterium Staphylococcus aureus	Gene	575	2	253	263	2.64	https://doi.org/10.1016/j.gene.2015.08.068
423	Ghosh S., Febin Prabhu Dass J.	Non-canonical pathway network modelling and ubiquitination site prediction through homology modelling of NF-Î²B	Gene	581	1	48	56	2.64	https://doi.org/10.1016/j.gene.2016.01.025
424	Ghosh S., Dass J.F.P.	Study of pathway cross-talk interactions with NF-Î²B leading to its activation via ubiquitination or phosphorylation: A brief review	Gene	584	1	97	109	2.64	https://doi.org/10.1016/j.gene.2016.03.008
425	Sundarrajan S., Arumugam M.	Weighted gene co-expression based biomarker discovery for psoriasis detection	Gene	593	1	225	234	2.64	https://doi.org/10.1016/j.gene.2016.08.021
426	Raju C.S.K., Sandeep N.	Falkner-Skan flow of a magnetic-Carreau fluid past a wedge in the presence of cross diffusion effects	European Physical Journal Plus	131	8	-	-	2.61	https://doi.org/10.1140/epjp/i2016-16267-3
427	Raju C.S.K., Ibrahim S.M., Anuradha S., Priyadharshini P.	Bio-convection on the nonlinear radiative flow of a Carreau fluid over a moving wedge with suction or injection	European Physical Journal Plus	131	11	-	-	2.61	https://doi.org/10.1140/epjp/i2016-16409-7
428	Raju C.S.K., Sandeep N.	A comparative study on heat and mass transfer of the Blasius and Falkner-Skan flow of a bio-convective Casson fluid past a wedge	European Physical Journal Plus	131	11	-	-	2.61	https://doi.org/10.1140/epjp/i2016-16405-y

429	Mahajan G., Saxena S., Mohanty A.	Numerical characterization of compact pipe specimen for stretch zone width assessment	Fatigue and Fracture of Engineering Materials and Structures	39	7	859	865	2.56	https://doi.org/10.1111/ffe.12400
430	Patnaik A., Nayak J.K., Senthilnathan K., Jha R.	Localized plasmon-based optical fiber sensing platform for operation in infrared	IEEE Photonics Technology Letters	28	19	2054	5057	2.55	https://doi.org/10.1109/LPT.2016.2573287
431	Preethi B., Ramanathan K.	Molecular level understanding of resistance to nalidixic acid in Salmonella enteric serovar typhimurium associates with the S83F sequence type	European Biophysics Journal	45	1	35	44	2.53	https://doi.org/10.1007/s00249-015-1073-2
432	Verma M.K., Pulicherla K.K.	Enzyme promiscuity in earthworm serine protease: Substrate versatility and therapeutic potential	Amino Acids	48	4	941	948	2.52	https://doi.org/10.1007/s00726-015-2162-3
433	Muniyan R., Jayaraman G.	Lauric acid and myristic acid from Allium sativum inhibit the growth of Mycobacterium tuberculosis H37Ra: in silico analysis reveals possible binding to protein kinase B	Pharmaceutical Biology	54	12	2814	2821	2.49	https://doi.org/10.1080/13880209.2016.1184691
434	Sridharan B., Michael S.T., Arya R., Mohana Roopan S., Ganesh R.N., Viswanathan P.	Beneficial effect of Citrus limon peel aqueous methanol extract on experimentally induced urolithic rats	Pharmaceutical Biology	54	5	759	769	2.49	https://doi.org/10.3109/13880209.2015.1079724
435	Rajan R., Ramesh Babu P., Senthilnathan K.	Photon condensation: A new paradigm for Bose-Einstein condensation	Frontiers of Physics	11	5	-	-	2.48	https://doi.org/10.1007/s11467-016-0568-3
436	Ravichandran S., Paluri V., Kumar G., Loganathan K., Kokati Venkata B.R.	A novel approach for the biosynthesis of silver oxide nanoparticles using aqueous leaf extract of Callistemon lanceolatus (Myrtaceae) and their therapeutic potential	Journal of Experimental Nanoscience	11	6	445	458	2.48	https://doi.org/10.1080/17458080.2015.1077534
437	Varghese L.R., Das D., Das N.	Application of novel nanobiocomposites for removal of nickel(II) from aqueous environments: Equilibrium, kinetics, thermodynamics and ex-situ studies	Korean Journal of Chemical Engineering	33	1	238	247	2.48	https://doi.org/10.1007/s11814-015-0113-z
438	Sherly E.D., Vijaya J.J., Kennedy L.J., Meenakshisundaram A., Lavanya M.	A comparative study of the effects of CuO, NiO, ZrO2 and CeO2 coupling on the photocatalytic activity and characteristics of ZnO	Korean Journal of Chemical Engineering	33	4	1431	1440	2.48	https://doi.org/10.1007/s11814-015-0285-6
439	Varghese L.R., Das D., Das N.	Adsorptive removal of nickel(II) ions from aqueous environments using gum based and clay based polyaniline/chitosan nanobiocomposite beads and microspheres: Equilibrium, kinetic, thermodynamics and ex-situ studies	Korean Journal of Chemical Engineering	33	7	2114	2126	2.48	https://doi.org/10.1007/s11814-016-0071-0

440	Raju C.S.K., Sandeep N., Malvandi A.	Free convective heat transfer of MHD Cu-kerosene nanofluid over a cone with temperature dependent viscosity	Acta Astronautica	129	-	419	428	2.48	https://doi.org/10.1016/j.actaastro.2016.10.011
441	Mohan S., Thiagarajan K., Sundaramoorthy B., Gurung V., Barpande M., Agarwal S., Chandrasekaran R.	Alleviation of 4-nitroquinoline 1-oxide induced oxidative stress by Oroxylym indicum (L.) leaf extract in albino Wistar rats	BMC Complementary and Alternative Medicine	16	1	-	-	2.48	https://doi.org/10.1186/s12906-016-1186-x
442	Jauhar R.M., Vivek P., Sudhakar K., Kalainathan S., NizamMohideen M., Murugakoothan P.	Self-assembled supramolecular synthons of 2,6-diaminopyridinium tosylate: Synthesis, single-crystal growth and its characterization	Journal of Thermal Analysis and Calorimetry	124	2	871	879	2.47	https://doi.org/10.1007/s10973-015-5182-z
443	Chhabra M., Sinha S., Banerjee S., Paira P.	An efficient green synthesis of 2-arylbenzothiazole analogues as potent antibacterial and anticancer agents	Bioorganic and Medicinal Chemistry Letters	26	1	213	217	2.45	https://doi.org/10.1016/j.bmcl.2015.10.087
444	Sinha S., Kumaran A.P., Mishra D., Paira P.	Synthesis and cytotoxicity study of novel 3-(triazolyl)coumarins based fluorescent scaffolds	Bioorganic and Medicinal Chemistry Letters	26	22	5557	5561	2.45	https://doi.org/10.1016/j.bmcl.2016.09.078
445	Jadhav G.R., Sinha S., Chhabra M., Paira P.	Synthesis of novel anticancer ruthenium-arene pyridinylmethylene scaffolds via three-component reaction	Bioorganic and Medicinal Chemistry Letters	26	16	4154	4155	2.45	https://doi.org/10.1016/j.bmcl.2016.04.005
446	Jadhav, Gajanan Raosaheb; Sinha, Sohini; Chhabra, Mohit; Paira, Priyankar	Synthesis of novel anticancer ruthenium-arene pyridinylmethylene scaffolds via three-component reaction (vol 26, pg 2695, 2016)	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	26	16	4154	4155	2.45	https://doi.org/10.1016/j.bmcl.2016.06.069
447	Anura A., Conjeti S., Das R.K., Pal M., Paul R.R., Bag S., Ray A.K., Chatterjee J.	Computer-aided molecular pathology interpretation in exploring prospective markers for oral submucous fibrosis progression	Head and Neck	38	5	653	669	2.44	https://doi.org/10.1002/hed.23962
448	Thakkar C.S., Kshirsagar R.R., Naik V.R., Ghosh A.R., Vijayakumar V., Saklani A., Kulkarni-Almeida A.A.	(E)-9-oxooctadec-10-en-12-ynoic acid from <i>Ixora brachiata</i> Roxb. increases glucose uptake in L6 myotubes by activating the PI3K pathway	Fitoterapia	114	-	26	33	2.43	https://doi.org/10.1016/j.fitote.2016.08.004
449	Pandey M., Joshi G.M., Mukherjee A., Thomas P.	Electrical properties and thermal degradation of poly(vinyl chloride)/polyvinylidene fluoride/ZnO polymer nanocomposites	Polymer International	65	9	1098	1106	2.43	https://doi.org/10.1002/pi.5161
450	Li X., Niu J., Karuppiah M., Kumari S., Wu F.	Secure and Efficient Two-Factor User Authentication Scheme with User Anonymity for Network Based E-Health Care Applications	Journal of Medical Systems	40	12	-	-	2.42	https://doi.org/10.1007/s10916-016-0629-8
451	Kamalakkannan S., Tirupathi Pichiah P.B., Kalaiselvi S., Arunachalam S., Achiraman S.	Emu oil decreases atherogenic plaque formation in cafeteria diet-induced obese rats	Journal of the Science of Food and Agriculture	96	9	3063	3068	2.42	https://doi.org/10.1002/jsfa.7480

452	Aiko V., Edamana P., Mehta A.	Decomposition and detoxification of aflatoxin B1 by lactic acid	Journal of the Science of Food and Agriculture	96	6	1959	1966	2.42	https://doi.org/10.1002/jsfa.7304
453	Rajesh A., Nakkeeran R.	Investigation on group based contention bandwidth request in LTE-A networks under high delay spread environment	Wireless Networks	22	6	1931	1945	2.41	https://doi.org/10.1007/s11276-015-1079-9
454	Thapaswini P.P., Padma R., Balaram N., Bindu B., Rajagopal Reddy V.	Modification of electrical properties of Au/n-type InP Schottky diode with a high-k Ba0.6Sr0.4TiO3 interlayer	Superlattices and Microstructures	93	-	82	91	2.39	https://doi.org/10.1016/j.spmi.2016.03.010
455	Meher S.R., Balakrishnan L., Alex Z.C.	Analysis of Cu2ZnSnS4/CdS based photovoltaic cell: A numerical simulation approach	Superlattices and Microstructures	100	-	703	722	2.39	https://doi.org/10.1016/j.spmi.2016.10.028
456	Srimathy N., Ruban Kumar A.	Structural and optical characterization of thermally evaporated bismuth and antimony films for photovoltaic applications	Superlattices and Microstructures	93	-	1	10	2.39	https://doi.org/10.1016/j.spmi.2016.02.026
457	Damodaran V., Ghosh K.	Choice of quantum dot materials for fabricating memory devices with longer storage and faster writing of information	Superlattices and Microstructures	100	-	1042	1056	2.39	https://doi.org/10.1016/j.spmi.2016.10.060
458	Alex S.A., Chandrasekaran N., Mukherjee A.	State-of-the-art strategies for the colorimetric detection of heavy metals using gold nanorods based on aspect ratio reduction	Analytical Methods	8	10	2131	2137	2.38	https://doi.org/10.1039/c5ay03428k
459	Karthiga D., Rajeshwari A., Chakravarty S., Chandrasekaran N., Mukherjee A.	Determination of mercury(II) ions in aqueous solution using silver nanorods as a probe	Analytical Methods	8	18	3756	3762	2.38	https://doi.org/10.1039/c6ay00882h
460	Chejarla V.R., Maheshuni P.K., Mandla V.R.	Quantification of LST and CO2 levels using Landsat-8 thermal bands on urban environment	Geocarto International	31	8	913	926	2.37	https://doi.org/10.1080/10106049.2015.1094522
461	Sathishkumar Y., Krishnaraj C., Rajagopal K., Sen D., Lee Y.S.	High throughput de novo RNA sequencing elucidates novel responses in Penicillium chrysogenum under microgravity	Bioprocess and Biosystems Engineering	39	2	223	231	2.37	https://doi.org/10.1007/s00449-015-1506-4
462	SATHISH S., GEETHA M.	Comparative study on corrosion behavior of plasma sprayed Al2O3, ZrO2, Al2O3/ZrO2 and ZrO2/Al2O3 coatings	Transactions of Nonferrous Metals Society of China (English Edition)	26	5	1336	1344	2.34	https://doi.org/10.1016/S1003-6326(16)64236-X
463	Kumar M., Samui P., Naithani A.K.	Determination of stability of epimetamorphic rock slope using Minimax Probability Machine	Geomatics, Natural Hazards and Risk	7	1	186	193	2.33	https://doi.org/10.1080/19475705.2014.883440
464	Ahmad H., Ismail M.A., Suthaskumar M., Tiu Z.C., Harun S.W., Zulkifli M.Z., Samikannu S., Sivaraj S.	S-band Q-switched fiber laser using molybdenum disulfide (MoS2) saturable absorber	Laser Physics Letters	13	3	-	-	2.33	https://doi.org/10.1088/1612-2011/13/3/035103

465	Thennavan E., Ganapathy G.P., Chandra Sekaran S.S., Rajawat A.S.	Use of GIS in assessing building vulnerability for landslide hazard in The Nilgiris, Western Ghats, India	Natural Hazards	82	2	1031	1050	2.32	https://doi.org/10.1007/s11069-016-2232-1
466	Lavanya P., Ramaiah S., Anbarasu A.	Ethyl 4-(4-methylphenyl)-4-pentenoate from <i>Vetiveria zizanioides</i> Inhibits Dengue NS2B ϵ -NS3 Protease and Prevents Viral Assembly: A Computational Molecular Dynamics and Docking Study	Cell Biochemistry and Biophysics	74	3	337	351	2.32	https://doi.org/10.1007/s12013-016-0741-x
467	Malathi K., Ramaiah S.	Molecular Docking and Molecular Dynamics Studies to Identify Potential OXA-10 Extended Spectrum β -Lactamase Non-hydrolysing Inhibitors for <i>Pseudomonas aeruginosa</i>	Cell Biochemistry and Biophysics	74	2	141	155	2.32	https://doi.org/10.1007/s12013-016-0735-8
468	Gopalakrishnan C., Jethi S., Kalsi N., Purohit R.	Biophysical Aspect of Huntingtin Protein During polyQ: An In Silico Insight	Cell Biochemistry and Biophysics	74	2	129	139	2.32	https://doi.org/10.1007/s12013-016-0728-7
469	Satheesh A., Raj S.A.	Elucidating the Effects of Cu-Nanoparticles in a Porous Medium vis- \grave{a} -vis Heat Transfer Phenomena	Heat Transfer - Asian Research	45	5	405	423	2.3	https://doi.org/10.1002/htj.21168
470	Rao L.B., Rao C.K.	An exact frequency analysis of annular plates with small core having elastically restrained outer edge and sliding inner edge	Applied Acoustics	109	-	69	81	2.3	https://doi.org/10.1016/j.apacoust.2016.03.006
471	Vuppalapati G.P., Rathore R.S., Pathak M., Kulathu Iyer S.	Hepta-coordinated heteroleptic derivatives of zirconium(IV): Synthesis, structural characterization and ring opening polymerization of μ -caprolactone	Polyhedron	107	-	163	171	2.28	https://doi.org/10.1016/j.poly.2016.01.035
472	Goud E.V., Das D., Sivaramakrishna A., Vijayakrishna K., Sabareesh V., Gopakumar G., Brahmananda Rao C.V.S., Lone M.Y., Jha P.C.	Investigations on synthesis, coordination behavior and actinide recovery of unexplored dicyclohexylphosphinic acid	Polyhedron	117	-	741	748	2.28	https://doi.org/10.1016/j.poly.2016.07.013
473	Sravanthi P., Chandrakala C., Raj Bharath S., Johnson M.G., Arokiasamy S., Nagaraja K.S., Jeyaraj B.	Synthesis and crystal structure of cobalt(II) Schiff base precursor for cobalt oxide thin film by thermal chemical vapor deposition	Polyhedron	110	-	291	298	2.28	https://doi.org/10.1016/j.poly.2015.12.033
474	Jesudoss S.K., Vijaya J.J., Selvam N.C.S., Kombaiah K., Sivachidambaram M., Adinaveen T., Kennedy L.J.	Effects of Ba doping on structural, morphological, optical, and photocatalytic properties of self-assembled ZnO nanospheres	Clean Technologies and Environmental Policy	18	3	729	741	2.28	https://doi.org/10.1007/s10098-015-1047-1

475	Mandal A., Katheem Farhan Md., Sastry T.P.	Effect of reinforced Al ₂ O ₃ nanoparticles on collagen nanobiocomposite from chrome-containing leather waste for biomedical applications	Clean Technologies and Environmental Policy	18	3	765	773	2.28	https://doi.org/10.1007/s10098-015-1045-3
476	Ravichandran B., Sasikumar M.	Mechanical, ablative, and thermal properties of cenosphere-filled ceramic/phenolic composites	Polymer Composites	37	6	1906	1913	2.27	https://doi.org/10.1002/pc.23369
477	Narendar R., Dasan K.P., Jayachandran J.	Effect of hybridization and chemical treatment on the mechanical properties of coir pith/nylon/epoxy hybrid composites	Polymer Composites	37	3	649	657	2.27	https://doi.org/10.1002/pc.23221
478	Ghosh M., Jana A., Sinha S., Jothiramajayam M., Nag A., Chakraborty A., Mukherjee A., Mukherjee A.	Effects of ZnO nanoparticles in plants: Cytotoxicity, genotoxicity, deregulation of antioxidant defenses, and cell-cycle arrest	Mutation Research - Genetic Toxicology and Environmental Mutagenesis	807	-	25	32	2.26	https://doi.org/10.1016/j.mrgentox.2016.07.006
479	Sathiyar G., Sivakumar E.K.T., Ganesamoorthy R., Thangamuthu R., Sakthivel P.	Review of carbazole based conjugated molecules for highly efficient organic solar cell application	Tetrahedron Letters	57	3	243	252	2.26	https://doi.org/10.1016/j.tetlet.2015.12.057
480	Meena D.R., Maiti B., Chanda K.	Cu(I) catalyzed microwave assisted telescopic synthesis of 3,5-disubstituted isoxazoles in green media	Tetrahedron Letters	57	49	5514	5517	2.26	https://doi.org/10.1016/j.tetlet.2016.10.109
481	Singh A., Sen D.	Therapeutic value of adeno associated virus as a gene therapy vector for Parkinson's disease - A focused review	Current Gene Therapy	16	4	278	286	2.22	https://doi.org/10.2174/1566523216666160729113558
482	Senthilnathan K., Annapoorani I.	Implementation of unified power quality conditioner (UPQC) based on current source converters for distribution grid and performance monitoring through LabVIEW Simulation Interface Toolkit server: A cyber physical model	IET Generation, Transmission and Distribution	10	11	2622	2630	2.21	https://doi.org/10.1049/iet-gtd.2015.1040
483	Shafeeque Ahmed K., Karthikeyan S.P.	Penalised quoted cost based approach on transmission loss allocation for a bilateral contract in deregulated electricity market	IET Generation, Transmission and Distribution	10	16	4078	4084	2.21	https://doi.org/10.1049/iet-gtd.2016.0432
484	Nandan K.R., Kumar A.R.	Electrical properties of Ca _{0.925} Ce _{0.075} Mn _{1-x} Fe _x O ₃ (x = 0.1-0.3) prepared by sol-gel technique	Journal of Materials Science: Materials in Electronics	27	12	13179	13191	2.2	https://doi.org/10.1007/s10854-016-5464-7
485	Deshmukh K., Ahamed M.B., Polu A.R., Sadasivuni K.K., Pasha S.K.K., Ponnamma D., AIMaadeed M.A.-A., Deshmukh R.R., Chidambaram K.	Impedance spectroscopy, ionic conductivity and dielectric studies of new Li ⁺ ion conducting polymer blend electrolytes based on biodegradable polymers for solid state battery applications	Journal of Materials Science: Materials in Electronics	27	11	11410	11424	2.2	https://doi.org/10.1007/s10854-016-5267-x

486	Lobo L.S., Ruban Kumar A.	Investigation of structural and electrical properties of ZnMn ₂ O ₄ synthesized by sol-gel method	Journal of Materials Science: Materials in Electronics	27	7	7398	7406	2.2	https://doi.org/10.1007/s10854-016-4714-z
487	Shobana M.K., Choe H.	Structural and electrical properties of Cr doped nickel ferrite	Journal of Materials Science: Materials in Electronics	27	12	13052	13056	2.2	https://doi.org/10.1007/s10854-016-5446-9
488	Sivasankar J., Mallikarjana P., Rigana Begam M., Madhusudhana Rao N., Kaleemulla S., Subrahmanyam J.	Structural, optical and magnetic properties of Cu doped CdSe powders prepared by solid state reaction method	Journal of Materials Science: Materials in Electronics	27	3	2300	2304	2.2	https://doi.org/10.1007/s10854-015-4025-9
489	Joshi G.M., Deshmukh K.	Study of conjugated polymer/graphene oxide nanocomposites as flexible dielectric medium	Journal of Materials Science: Materials in Electronics	27	4	3397	3409	2.2	https://doi.org/10.1007/s10854-015-4172-z
490	Kannappan S., Liyakath R., Tatsugi J.	Third-order nonlinear optical characteristics of bulk film effect on regioregular poly(3-dodecylthiophene) thin films fabricated by the drop-casting method	Journal of Materials Science: Materials in Electronics	27	9	8973	8979	2.2	https://doi.org/10.1007/s10854-016-4928-0
491	Anandraj J., Joshi G.M.	CuBi ₂ S ₃ precursor based polymer composites for low frequency capacitor applications	Journal of Materials Science: Materials in Electronics	27	10	10550	10561	2.2	https://doi.org/10.1007/s10854-016-5148-3
492	Khutia M., Joshi G.M., Thomas P.	Dielectric relaxation of nano perovskite SrTiO ₃ reinforced polyester resin/styrene blend for electronic applications	Journal of Materials Science: Materials in Electronics	27	7	7685	7692	2.2	https://doi.org/10.1007/s10854-016-4754-4
493	Lokesh B., Rao N.M.	Effect of Cu-doping on structural, optical and photoluminescence properties of zinc titanates synthesized by solid state reaction	Journal of Materials Science: Materials in Electronics	27	5	4253	4258	2.2	https://doi.org/10.1007/s10854-016-4290-2
494	Ali A.M.M.T., Vino S.	Genetic markers as therapeutic target in rheumatoid arthritis: A game changer in clinical therapy?	Rheumatology International	36	11	1601	1607	2.2	https://doi.org/10.1007/s00296-016-3563-7
495	Clement J.C., Emmanuel D.S.	Enhancing the throughput of cognitive radio networks through malevolent presence	Computers and Electrical Engineering	52	-	240	252	2.19	https://doi.org/10.1016/j.compeleceng.2015.09.012
496	Wu F., Li X., Xu L., Kumari S., Karupiah M., Shen J.	A lightweight and privacy-preserving mutual authentication scheme for wearable devices assisted by cloud server	Computers and Electrical Engineering	63	-	168	181	2.19	https://doi.org/10.1016/j.compeleceng.2017.04.012
497	Bhowmick A., Roy S.D., Kundu S.	Multi-slot based spectrum sensing with improved energy detector for cognitive radio network in presence of Rayleigh fading	Computers and Electrical Engineering	56	-	75	84	2.19	https://doi.org/10.1016/j.compeleceng.2016.10.001
498	Samuel O.W., Asogbon G.M., Sangaiah A.K., Li G.	Multi-technique object tracking approach- A reinforcement paradigm	Computers and Electrical Engineering	66	-	557	568	2.19	https://doi.org/10.1016/j.compeleceng.2017.02.002

499	Vinob chander R., Mukherjee S., Elias S.	An applications interoperability model for heterogeneous internet of things environments	Computers and Electrical Engineering	64	-	163	172	2.19	https://doi.org/10.1016/j.compelceng.2016.12.029
500	Liang W., Tang M., Jing L., Sangaiah A.K., Huang Y.	SIRSE: A secure identity recognition scheme based on electroencephalogram data with multi-factor feature	Computers and Electrical Engineering	65	-	310	321	2.19	https://doi.org/10.1016/j.compelceng.2017.05.001
501	Vijayakumar P., Pandiaraja P., Karuppiah M., Jegatha Deborah L.	An efficient secure communication for healthcare system using wearable devices	Computers and Electrical Engineering	63	-	232	245	2.19	https://doi.org/10.1016/j.compelceng.2017.04.014
502	Ahamed B.B., Ramkumar T.	An intelligent web search framework for performing efficient retrieval of data	Computers and Electrical Engineering	56	-	289	299	2.19	https://doi.org/10.1016/j.compelceng.2016.09.033
503	Roy A., Noel M.M.	Design of a high-speed line following robot that smoothly follows tight curves	Computers and Electrical Engineering	56	-	732	747	2.19	https://doi.org/10.1016/j.compelceng.2015.06.014
504	Rajiv S., Jerobin J., Saranya V., Nainawat M., Sharma A., Makwana P., Gayathri C., Bharath L., Singh M., Kumar M., Mukherjee A., Chandrasekaran N.	Comparative cytotoxicity and genotoxicity of cobalt (II, III) oxide, iron (III) oxide, silicon dioxide, and aluminum oxide nanoparticles on human lymphocytes in vitro	Human and Experimental Toxicology	35	2	170	183	2.17	https://doi.org/10.1177/0960327115579208
505	Sasidharan R., Manju S.L., UÅşar G., Baysal I., Mathew B.	Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors	Archiv der Pharmazie	-	-	627	637	2.15	https://doi.org/10.1002/ardp.201600088
506	Sankari M., Hemachandran H., Anantharaman A., Babu S., Madrid R.R., George Priya Doss G.P.D., Fulzele D.P., Siva R.	Identifying a Carotenoid Cleavage Dioxygenase 4a Gene and Its Efficient Agrobacterium-Mediated Genetic Transformation in Bixa orellana L	Applied Biochemistry and Biotechnology	179	5	697	714	2.14	https://doi.org/10.1007/s12010-016-2025-8
507	Roopan S.M.	An Overview of Phytoconstituents, Biotechnological Applications, and Nutritive Aspects of Coconut (Cocos nucifera)	Applied Biochemistry and Biotechnology	179	8	1309	1324	2.14	https://doi.org/10.1007/s12010-016-2067-y
508	Fabbiyola S., Kennedy L.J., Dakhel A.A., Bououdina M., Vijaya J.J., Ratnaji T.	Structural, microstructural, optical and magnetic properties of Mn-doped ZnO nanostructures	Journal of Molecular Structure	1109	-	89	96	2.12	https://doi.org/10.1016/j.molstruc.2015.12.071
509	Rajeshkumar S., Malarkodi C., Vanaja M., Annadurai G.	Anticancer and enhanced antimicrobial activity of biosynthesized silver nanoparticles against clinical pathogens	Journal of Molecular Structure	1116	-	165	173	2.12	https://doi.org/10.1016/j.molstruc.2016.03.044
510	Munusamy, Sathishkumar; Iyer, Sathiyarayanan Kulathu	A chiral (S)-BINOL based fluorescent sensor for the recognition of Fe(III) and cascade discrimination of alpha-amino acids	Tetrahedron Asymmetry	27	43080	492	497	2.12	https://doi.org/10.1016/j.tetasy.2016.05.002
511	Sujatha R., Ezhilmaran D.	A new efficient SIF-based FCIL (SIF-FCIL) mining algorithm in predicting the crime locations	Journal of Experimental and Theoretical Artificial Intelligence	28	3	561	579	2.11	https://doi.org/10.1080/0952813X.2015.1020573

512	Singh P., Dass J.F.P.	A multifaceted computational report on the variants effect on KIR2DL3 and IFNL3 candidate gene in HCV clearance	Molecular Biology Reports	43	10	1101	1117	2.11	https://doi.org/10.1007/s11033-016-4044-5
513	Muthuramalingam S., Karthikeyan N., Geetha S., Sindhu S.S.S.	Stego anomaly detection in images exploiting the curvelet higher order statistics using evolutionary support vector machine	Multimedia Tools and Applications	75	21	13627	13661	2.1	https://doi.org/10.1007/s11042-015-2984-8
514	Agilandeewari L., Ganesan K.	A bi-directional associative memory based multiple image watermarking on cover video	Multimedia Tools and Applications	75	12	7211	7256	2.1	https://doi.org/10.1007/s11042-015-2642-1
515	Agilandeewari L., Ganesan K.	A robust color video watermarking scheme based on hybrid embedding techniques	Multimedia Tools and Applications	75	14	8745	8780	2.1	https://doi.org/10.1007/s11042-015-2789-9
516	Sudhanshu detwal., Deivanathan r	Properties investigation of austempered ductile iron	METALLURGICAL & MATERIALS ENGINEERING-ASSOCIATION OF METALLURGICAL ENGINEERS OF SERBIA	22	1	25	29	2.09	https://metall-mater-eng.com/index.php/home/article/view/137
517	Venkatesh S., Sravani C., Janardan S., Suman P., Goud E.V., Pavankumar B.B., Leninkumar V., Bhat H.R., Sivaramakrishna A., Vijayakrishna K., Jha P.C., Smith G.S.	Synthesis, structure and thermolysis of cis-dialkylplatinum(II) complexes - Experimental and theoretical perceptions	Journal of Organometallic Chemistry	818	-	72	81	2.07	https://doi.org/10.1016/j.jorganc hem.2016.05.023
518	Sompalle R., Roopan S.M.	Microwave assisted synthesis of ring junction heterocyclic antioxidants	Research on Chemical Intermediates	42	6	5353	5366	2.06	https://doi.org/10.1007/s11164-015-2371-0
519	Mohana Roopan S., Patil S.M., Palaniraja J.	Recent synthetic scenario on imidazo[1,2-a]pyridines chemical intermediate	Research on Chemical Intermediates	42	4	2749	2790	2.06	https://doi.org/10.1007/s11164-015-2216-x
520	Reddy B.N., Rani C.R., Reddy S.M., Pathak M.	An efficient and green La(OTf) ₃ catalyzed Petasis borono- α - β -Mannich reaction for the synthesis of tertiary amines	Research on Chemical Intermediates	42	10	7533	7549	2.06	https://doi.org/10.1007/s11164-016-2551-6
521	Senthilkumar N., Ravichandran Y.D., Kumar K.M., Ramaiah S.	Synthesis of a new series of pyrimidine derivatives: Exploration of anti-proliferative activity on EAT cells and molecular docking	Research on Chemical Intermediates	42	2	1295	1313	2.06	https://doi.org/10.1007/s11164-015-2086-2
522	Devarajan C., Vijayakumar V., Ramalingam C., Vijayaraghavan R.	A simple, one-pot oxidative esterification of aryl aldehydes through dialkyl acetal using hydrogen peroxide	Research on Chemical Intermediates	42	6	5849	5858	2.06	https://doi.org/10.1007/s11164-015-2408-4
523	Aher S.B., Bhagat P.R.	Convenient synthesis of imidazolium based dicationic ionic liquids	Research on Chemical Intermediates	42	6	5587	5596	2.06	https://doi.org/10.1007/s11164-015-2388-4

524	Abhishek S., Krishnan S.P.	Epidermal differentiation complex: A review on its epigenetic regulation and potential drug targets	Cell Journal	18	1	1	6	2.05	http://dx.doi.org/10.22074/cellj.2016.3980
525	Rahaman A., Kar K.K.	E-glass fibers coated with nickel phosphorous by electroless deposition technique	Composite Interfaces	23	7	689	699	2.03	https://doi.org/10.1080/09276440.2016.1168635
526	Kubade P., Tambe P.	Influence of halloysite nanotubes (HNTs) on morphology, crystallization, mechanical and thermal behaviour of PP/ABS blends and its composites in presence and absence of dual compatibilizer	Composite Interfaces	23	5	433	451	2.03	https://doi.org/10.1080/09276440.2016.1144392
527	Vadivelu M.A., Kumar C.R., Joshi G.M.	Polymer composites for thermal management: a review	Composite Interfaces	23	9	847	872	2.03	https://doi.org/10.1080/09276440.2016.1176853
528	Saha M., Tambe P., Pal S.	Thermodynamic approach to enhance the dispersion of graphene in epoxy matrix and its effect on mechanical and thermal properties of epoxy nanocomposites	Composite Interfaces	23	3	255	272	2.03	https://doi.org/10.1080/09276440.2016.1136515
529	Govardhan K., Nirmala Grace A.	Temperature Optimized Ammonia and Ethanol Sensing Using Ce Doped Tin Oxide Thin Films in a Novel Flow Metric Gas Sensing Chamber	Journal of Sensors	2016	-	-	-	2.02	https://doi.org/10.1155/2016/7652450
530	Manojkumar K., Sivaramakrishna A., Vijayakrishna K.	A short review on stable metal nanoparticles using ionic liquids, supported ionic liquids, and poly(ionic liquids)	Journal of Nanoparticle Research	18	4	-	-	2.01	https://doi.org/10.1007/s11051-016-3409-y
531	Sudharsana S., Rajashekar Reddy C.B., Dinesh S., Rajasekhara Reddy S., Mohanapriya A., Itami T., Sudhakaran R.	Molecular docking and simulation studies of 3-(1-chloropiperidin-4-yl)-6-fluoro benzisoxazole 2 against VP26 and VP28 proteins of white spot syndrome virus	Journal of Fish Diseases	39	10	1231	1238	2.004	https://doi.org/10.1111/jfd.12454
532	Sajitha Lulu S., Thabitha A., Vino S., Mohana Priya A., Rout M.	Naringenin and quercetin - Potential anti-HCV agents for NS2 protease targets	Natural Product Research	30	4	464	468	2	https://doi.org/10.1080/14786419.2015.1020490
533	Bhatia D.R., Dhar P., Mutalik V., Deshmukh S.K., Verekar S.A., Desai D.C., Kshirsagar R., Thiagarajan P., Agarwal V.	Anticancer activity of Ophiobolin A, isolated from the endophytic fungus <i>Bipolaris setariae</i>	Natural Product Research	30	12	1455	1458	2	https://doi.org/10.1080/14786419.2015.1062760
534	Thangavelu S.K., Kasthuri N., Sundaram V., Aravind N., Bilakanti N.	A stand-alone EEG monitoring system for remote diagnosis	Telemedicine Journal and e-Health	22	4	310	316	2	https://doi.org/10.1089/tmj.2015.0046

535	Lobo L.S., Kumar A.R.	Synthesis, structural and electrical properties of spinel $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$ synthesized by sol-gel method	Journal of Sol-Gel Science and Technology	80	3	821	826	1.99	https://doi.org/10.1007/s10971-016-4150-9
536	Kasiviswanathan, K. S.; Saravanan, S.; Balamurugan, M.; Saravanan, K.	Genetic programming based monthly groundwater level forecast models with uncertainty quantification	Modeling Earth Systems and Environment	2	1	-	-	1.98	https://doi.org/10.1007/s40808-016-0083-0
537	Jagan V., Satheesh A.	Experimental studies on two phase flow patterns of air-water mixture in a pipe with different orientations	Flow Measurement and Instrumentation	52	-	170	179	1.98	https://doi.org/10.1016/j.flowmeasinst.2016.10.006
538	Ashwath P., Xavier M.A.	Processing methods and property evaluation of Al_2O_3 and SiC reinforced metal matrix composites based on aluminium 2xxx alloys	Journal of Materials Research	31	9	1201	1219	1.98	https://doi.org/10.1557/jmr.2016.131
539	Sathiyaraj P., Samuel E.J.	Feasibility study of basic characterization of MAGAT polymer gel using CBCT attached in linear accelerator: Preliminary study	Radiation Physics and Chemistry	-	-	-	-	1.98	https://doi.org/10.1016/j.radphyschem.2017.04.008
540	Ahmad H., Ruslan N.E., Ismail M.A., Reduan S.A., Lee C.S.J., Sathiyaraj S., Sivabalan S., Harun S.W.	Passively Q-switched erbium-doped fiber laser at C-band region based on WS_2 saturable absorber	Applied Optics	55	5	1001	1005	1.97	https://doi.org/10.1364/AO.55.010101
541	Mohammed Z.V., Kittur H.M.	Precharge-Free, Low-Power Content-Addressable Memory	IEEE Transactions on Very Large Scale Integration (VLSI) Systems	24	8	2614	2621	1.95	https://doi.org/10.1109/TVLSI.2016.2518219
542	Narayanan S., Vijaya J.J., Sivasanker S., Ragupathi C., Sankaranarayanan T.M., Kennedy L.J.	Hierarchical ZSM-5 catalytic performance evaluated in the selective oxidation of styrene to benzaldehyde using TBHP	Journal of Porous Materials	23	3	741	752	1.95	https://doi.org/10.1007/s10934-016-0129-8
543	Baskar P., Senthilkumar A.	Effects of oxygen enriched combustion on pollution and performance characteristics of a diesel engine	Engineering Science and Technology, an International Journal	19	1	438	443	1.93	https://doi.org/10.1016/j.jestch.2015.08.011
544	Reddy P.B.A., Das R.	Estimation of MHD boundary layer slip flow over a permeable stretching cylinder in the presence of chemical reaction through numerical and artificial neural network modeling	Engineering Science and Technology, an International Journal	19	3	1108	1116	1.93	https://doi.org/10.1016/j.jestch.2015.12.013
545	Raju C.S.K., Sandeep N., Saleem S.	Effects of induced magnetic field and homogeneous-heterogeneous reactions on stagnation flow of a Casson fluid	Engineering Science and Technology, an International Journal	19	2	875	887	1.93	https://doi.org/10.1016/j.jestch.2015.12.004

546	Paul I.E., Rajeshwari A., Satija J., Raichur A.M., Chandrasekaran N., Mukherjee A.	Fluorescence Based Study for Melamine Detection Using Gold Colloidal Solutions	Journal of Fluorescence	26	6	2225	2235	1.91	https://doi.org/10.1007/s10895-016-1918-9
547	Upadhyay A., Karpagam S.	Studies of Luminescence Performance on Carbazole Donor and Quinoline Acceptor Based Conjugated Polymer	Journal of Fluorescence	26	2	439	449	1.91	https://doi.org/10.1007/s10895-015-1730-y
548	Mahesh K., Karpagam S.	Synthesis and Optoelectronic Properties of Thiophene Donor and Thiazole Acceptor Based Blue Fluorescent Conjugated Oligomers	Journal of Fluorescence	26	4	1457	1466	1.91	https://doi.org/10.1007/s10895-016-1838-8
549	Viswanathan, P.; Badrinathan, S.; Rajesh, G.	POLYACRYLIC ACID A POTENTIAL INHIBITOR FOR CALCIUM OXALATE FORMATION - AN EXPERIMENTAL INVESTIGATION	NEPHROLOGY	21	-	154	154	1.91	-
550	Arul Mary J., Judith Vijaya J., John Kennedy L., Bououdina M.	Microwave-assisted synthesis, characterization and antibacterial properties of Ce-Cu dual doped ZnO nanostructures	Optik	127	4	2360	2365	1.91	https://doi.org/10.1016/j.ijleo.2015.11.019
551	Prasad A., Kalainathan S.K., Meenakshisundaram S.P.	Supramolecular architecture of third-order nonlinear optical ammonium picrate: Crystal growth and DFT approach	Optik	127	15	6134	6149	1.91	https://doi.org/10.1016/j.ijleo.2016.04.060
552	Reddi Babu M., Madhusudhana Rao N., Mohan Babu A., Jaidass N., Krishna Moorthy C., Rama Moorthy L.	Effect of Dy ³⁺ ions concentration on optical properties of lead borosilicate glasses for white light emission	Optik	127	5	3121	3126	1.91	https://doi.org/10.1016/j.ijleo.2015.12.018
553	Mitra V., Sarma B., Sarma A., Janaki M.S., Sekar Iyengar A.N., Marwan N., Kurths J.	Investigation of complexity dynamics in a DC glow discharge magnetized plasma using recurrence quantification analysis	Physics of Plasmas	23	6	-	-	1.91	https://doi.org/10.1063/1.4953903
554	Mitra V., Sarma B., Sarma A., Janaki M.S., Sekar Iyengar A.N.	Onset of normal and inverse homoclinic bifurcation in a double plasma system near a plasma fireball	Physics of Plasmas	23	3	-	-	1.91	https://doi.org/10.1063/1.4942932
555	Megalingam M., Sarma B., Mitra V., Hari Prakash N., Sarma A.	Oscillating plasma bubble and its associated nonlinear studies in presence of low magnetic field	Physics of Plasmas	23	7	-	-	1.91	https://doi.org/10.1063/1.4954297
556	Murugusundaramoorthy, G.; Janani, T.	INCLUSION RESULTS ASSOCIATED WITH CERTAIN SUBCLASS OF ANALYTIC FUNCTIONS INVOLVING CALCULUS OPERATOR	TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS	7	1	63	75	1.9	https://pdfs.semanticscholar.org/0a7b/b8985bf10f1aab31ed4e4e8816f8e211207c.pdf?_ga=2.122630280.243243294.1560759012-1605419912.1559135727

557	Phanikumar B.R.	Influence of Geogrid Reinforcement on Pullout Response of Granular Pile-Anchors (GPAs) in Expansive Soils	Indian Geotechnical Journal	46	4	437	444	1.9	https://doi.org/10.1007/s40098-016-0180-z
558	Lal A.M., Anuncia S.M.	Enhanced dictionary based sparse representation fusion for multi-temporal remote sensing images	European Journal of Remote Sensing	49	-	317	336	1.9	https://doi.org/10.5721/EuJRS20164918
559	Munirathinam B., Narayanan R., Neelakantan L.	Electrochemical and semiconducting properties of thin passive film formed on titanium in chloride medium at various pH conditions	Thin Solid Films	598	-	260	270	1.89	https://doi.org/10.1016/j.tsf.2015.12.025
560	Swetha R.G., Sandhya M., Ramaiah S., Anbarasu A.	Identification of CD4+ T-cell epitope and investigation of HLA distribution for the immunogenic proteins of Burkholderia pseudomallei using in silico approaches - A key vaccine development strategy for melioidosis	Journal of Theoretical Biology	400	-	11	18	1.88	https://doi.org/10.1016/j.jtbi.2016.04.009
561	Thillainayagam M., Anbarasu A., Ramaiah S.	Comparative molecular field analysis and molecular docking studies on novel aryl chalcone derivatives against an important drug target cysteine protease in Plasmodium falciparum	Journal of Theoretical Biology	403	-	110	128	1.88	https://doi.org/10.1016/j.jtbi.2016.05.019
562	Kundu G.K., Bairi J.	A process model framework for Participants area of AACSB standards	Business Process Management Journal	22	6	1044	1068	1.88	https://doi.org/10.1108/BPMJ-12-2014-0125
563	Babu S.H., Kaleemulla S., Rao N.M., Rao G.V., Krishnamoorthi C.	Microstructure, ferromagnetic and photoluminescence properties of ITO and Cr doped ITO nanoparticles using solid state reaction	Physica B: Condensed Matter	500	-	126	132	1.87	https://doi.org/10.1016/j.physb.2016.07.037
564	Nusrath Unissa A., Hassan S., Indira Kumari V., Revathy R., Hanna L.E.	Insights into RpoB clinical mutants in mediating rifampicin resistance in Mycobacterium tuberculosis	Journal of Molecular Graphics and Modelling	67	-	20	32	1.86	https://doi.org/10.1016/j.jmgm.2016.04.005
565	Dhevi D.M., Anand Prabu A., Kim K.J.	Hyperbranched polyester as a crosslinker in polyurethane formation: real-time monitoring using in situ FTIR	Polymer Bulletin	73	10	2867	2888	1.86	https://doi.org/10.1007/s00289-016-1629-z
566	Upadhyay A., Karpagam S.	Synthesis, photophysical and electrochemical properties of carbazole-containing 2, 6-quinoline-based conjugated polymer	Polymer Bulletin	73	10	2741	2760	1.86	https://doi.org/10.1007/s00289-016-1619-1
567	Dasgupta N., Ranjan S., Mundra S., Ramalingam C., Kumar A.	Fabrication of Food Grade Vitamin E Nanoemulsion by Low Energy Approach, Characterization and Its Application	International Journal of Food Properties	19	3	700	708	1.845	https://doi.org/10.1080/10942912.2015.1042587
568	Kumar S., Datta D., Singh S.K., Sangaiah A.K.	An intelligent decision computing paradigm for crowd monitoring in the smart city	Journal of Parallel and Distributed Computing	-	-	-	-	1.82	https://doi.org/10.1016/j.jpdc.2017.03.002

569	Revathi A., Magesh S., Balla V.K., Das M., Manivasagam G.	Current advances in enhancement of wear and corrosion resistance of titanium alloys – a review	Materials Technology	31	12	696	704	1.82	https://doi.org/10.1080/10667857.2016.1212780
570	Lai M.-H., Gunawardena D.S., Lim K.-S., MacHavaram V.R., Lee S.-H., Chong W.-Y., Lee Y.-S., Ahmad H.	Thermal activation of regenerated fiber Bragg grating in few mode fibers	Optical Fiber Technology	28	-	7	10	1.82	https://doi.org/10.1016/j.yofte.2015.12.004
571	Franklyne J.S., Mukherjee A., Chandrasekaran N.	Essential oil micro- and nanoemulsions: promising roles in antimicrobial therapy targeting human pathogens	Letters in Applied Microbiology	63	5	322	334	1.81	https://doi.org/10.1111/lam.12631
572	Reddy, J. V. Ramana; Sugunamma, V.; Sandeep, N.	Effect of Aligned Magnetic Field on Casson Fluid Flow Past a Vertical Oscillating Plate in Porous Medium	JOURNAL OF ADVANCED PHYSICS	5	4	295	301	1.8	-
573	Abinandan S., Shanthakumar S.	Evaluation of photosynthetic efficacy and CO ₂ removal of microalgae grown in an enriched bicarbonate medium	3 Biotech	6	1	1	9	1.79	https://doi.org/10.1007/s13205-015-0314-5
574	Gajendiran A., Krishnamoorthy S., Abraham J.	Microbial degradation of low-density polyethylene (LDPE) by Aspergillus clavatus strain JASK1 isolated from landfill soil	3 Biotech	6	1	1	6	1.79	https://doi.org/10.1007/s13205-016-0394-x
575	Aiko V., Mehta A.	Prevalence of toxigenic fungi in common medicinal herbs and spices in India	3 Biotech	6	2	-	-	1.79	https://doi.org/10.1007/s13205-016-0476-9
576	Mahapatra S., Vickram A.S., Sridharan T.B., Parameswari R., Pathy M.R.	Screening, production, optimization and characterization of β-glucosidase using microbes from shellfish waste	3 Biotech	6	2	-	-	1.79	https://doi.org/10.1007/s13205-016-0530-7
577	Sahadevan L.D.M., Misra C.S., Thankamani V.	Characterization of lignin-degrading enzymes (LDEs) from a dimorphic novel fungus and identification of products of enzymatic breakdown of lignin	3 Biotech	6	1	1	16	1.79	https://doi.org/10.1007/s13205-016-0384-z
578	Kumar A., Shanthi V., Ramanathan K.	Discovery of potential ALK inhibitors by virtual screening approach	3 Biotech	6	1	1	12	1.79	https://doi.org/10.1007/s13205-015-0336-z
579	Vellakudiyar J., Ansari I.S., Palliyembil V., Muthuchidambaramanathan P., Qaraqe K.A.	Channel capacity analysis of a mixed dual-hop radio-frequency-free space optical transmission system with MÃlaga distribution	IET Communications	10	16	2119	2124	1.78	https://doi.org/10.1049/iet-com.2016.0041
580	Suleimanov N.M., Prabaharan S.R.S., Khantimerov S.M., Nizamov F.A., Michael M.S., Drulis H., Wisniewski P.	Magnetic order and electronic properties of Li ₂ Mn ₂ (MoO ₄) ₃ material for lithium-ion batteries: ESR and magnetic susceptibility studies	Applied Physics A: Materials Science and Processing	122	8	-	-	1.78	https://doi.org/10.1007/s00339-016-0278-2
581	Sathiyathan P., Prabu A.A., Kim K.J.	Electrospun polyvinylidene fluoride-polyoctafluoropentyl acrylate blend based piezocapacitive pressure sensors	Macromolecular Research	24	8	670	674	1.76	https://doi.org/10.1007/s13233-016-4098-1

582	Giridharan A., Samuel G.L.	Analysis on the effect of discharge energy on machining characteristics of wire electrical discharge turning process	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	230	11	2064	2081	1.75	https://doi.org/10.1177/0954405415615732
583	Kalaiselvan S., Rasool M.K.	Triphala herbal extract suppresses inflammatory responses in LPS-stimulated RAW 264.7 macrophages and adjuvant-induced arthritic rats via inhibition of NF- κ B pathway	Journal of Immunotoxicology	13	4	509	525	1.73	https://doi.org/10.3109/1547691X.2015.1136010
584	Malipeddi H., Mali S.V., Das M.	Design and synthesis of taxane derivatives of valproic acid as potent and selective cytotoxic agents	Medicinal Chemistry Research	25	11	2512	2520	1.72	https://doi.org/10.1007/s00044-016-1635-6
585	Sukumarapillai D.K., Kooi-Yeong K., Kia Y., Murugaiyah V., Iyer S.K.	Design, synthesis and cholinesterase inhibitory evaluation study of fluorescent N-benzylpiperidine-4-one derivatives	Medicinal Chemistry Research	25	8	1705	1715	1.72	https://doi.org/10.1007/s00044-016-1619-6
586	Vickram A.S., Kamini A.R., Das R., Pathy M.R., Parameswari R., Archana K., Sridharan T.B.	Validation of artificial neural network models for predicting biochemical markers associated with male infertility	Systems Biology in Reproductive Medicine	62	4	258	265	1.72	https://doi.org/10.1080/19396368.2016.1185654
587	Deshmukh K., Ahamed M.B., Deshmukh R.R., Bhagat P.R., Pasha S.K.K., Bhagat A., Shirbhate R., Telare F., Lakhani C.	Influence of K ₂ CrO ₄ Doping on the Structural, Optical and Dielectric Properties of Polyvinyl Alcohol/K ₂ CrO ₄ Composite Films	Polymer - Plastics Technology and Engineering	55	3	231	241	1.71	https://doi.org/10.1080/03602559.2015.1055499
588	Deshmukh K., Ahamed M.B., Deshmukh R.R., Pasha S.K.K., Chidambaram K., Sadasivuni K.K., Ponnamma D., AlMaadeed M.A.-A.	Eco-Friendly Synthesis of Graphene Oxide Reinforced Hydroxypropyl Methylcellulose/Polyvinyl Alcohol Blend Nanocomposites Filled with Zinc Oxide Nanoparticles for High-k Capacitor Applications	Polymer - Plastics Technology and Engineering	55	12	1240	1253	1.71	https://doi.org/10.1080/03602559.2015.1132451
589	Cherukuri S.H.C., Saravanan B.	An overview of selected topics in smart grids	Frontiers in Energy	10	4	441	458	1.7	https://doi.org/10.1007/s11708-016-0418-6
590	Nallasamy P., Senthilkumar K., Mohan G., Moon I.-S.	Structural and luminescent properties of a tetranuclear cage-type cadmium(II) carboxylate cluster containing a V-shaped water trimer	Journal of Coordination Chemistry	69	6	1005	1013	1.69	https://doi.org/10.1080/00958972.2016.1156097
591	Martin S.J., Sabina E.P.	Amelioration of anti-tuberculosis drug induced oxidative stress in kidneys by Spirulina fusiformis in a rat model	Renal Failure	38	7	1115	1121	1.69	https://doi.org/10.1080/0886022X.2016.1184940
592	Babu S.H., Kaleemulla S., Rao N.M., Krishnamoorthi C.	Photoluminescence Properties of ITO and Cu-Doped ITO Nanoparticles Synthesized by Solid State Reaction	Journal of Electronic Materials	45	11	5703	5708	1.68	https://doi.org/10.1007/s11664-016-4795-8

593	Phanikumar B.R., Singla R.	Swell-consolidation characteristics of fibre-reinforced expansive soils	Soils and Foundations	56	1	138	143	1.67	https://doi.org/10.1016/j.sandf.2016.01.011
594	Atuba S.O., Nakkeeran K., Chow K.W., Babu P.R., Manimegalai A., Senthilnathan K.	Generation of a train of ultrashort pulses using periodic waves in tapered photonic crystal fibres	Journal of Modern Optics	63	21	2246	2258	1.66	https://doi.org/10.1080/09500340.2016.1193638
595	Detwal, Sudhanshu; Deivanathan, R.	PROPERTIES OF AUSTEMPERED DUCTILE IRON	METALLURGICAL & MATERIALS ENGINEERING-ASSOCIATION OF METALLURGICAL ENGINEERS OF SERBIA	22	1	25	29	1.65	https://doi.org/10.1007/s11626-015-9936-5
596	Govindanarayanan I., Rangaswamy N., Anbazhagan R.	Design and analysis of broadband magneto-electric dipole antenna for LTE femtocell base stations	Journal of Computational Electronics	15	1	200	209	1.64	https://doi.org/10.1007/s10825-015-0759-0
597	Senthilkumar K., Haukka M., Nallasamy P.	Homo and Dinuclear Heteroleptic Zn, Cd & Pb Complexes Derived from FcCOOH and DTBbpy Ligands: Structural, Luminescence and Electrochemical Studies	Journal of Inorganic and Organometallic Polymers and Materials	26	4	864	875	1.64	https://doi.org/10.1007/s10904-016-0377-8
598	Shaw S., Kameswaran P.K., Sibanda P.	Effects of slip on nonlinear convection in nanofluid flow on stretching surfaces	Boundary Value Problems	2016	1	1	11	1.64	https://doi.org/10.1186/s13661-015-0506-2
599	Saidulu, Bellamkonda; Manoharan, Arun; Sundaram, Kumaravel	Low Noise Low Power CMOS Telescopic-OTA for Bio-Medical Applications	COMPUTERS	5	4	-	-	1.62	https://doi.org/10.3390/computers5040025
600	Tharali A.D., Sain N., Osborne W.J.	Microbial fuel cells in bioelectricity production	Frontiers in Life Science	9	4	252	266	1.62	https://doi.org/10.1080/21553769.2016.1230787
601	Kavitha M.	Cold active lipases “an update	Frontiers in Life Science	9	3	226	238	1.62	https://doi.org/10.1080/21553769.2016.1209134
602	Prince S.E., Udhaya L.B., Sunitha P.S., Arumugam G.	Reparation of Isoniazid and Rifampicin Combinatorial Therapy-Induced Hepatotoxic Effects by Bacopa monnieri	Pharmacology	98	42767	29	34	1.62	https://doi.org/10.1159/000444856
603	Chukki J., Shanthakumar S.	Optimization of malachite green dye removal by Chrysanthemum indicum using response surface methodology	Environmental Progress and Sustainable Energy	35	5	1415	1419	1.6	https://doi.org/10.1002/ep.12369
604	Adikesavan S., Nilanjana D.	Degradation of cefdinir by Candida Sp. SMN04 and MgO nanoparticles integrated (Nano-Bio) approach	Environmental Progress and Sustainable Energy	35	3	706	714	1.6	https://doi.org/10.1002/ep.12279
605	Nachimuthu R., Subramani R., Maray S., Gothandam K.M., Sivamangala K., Manohar P., Bozdogan B.	Characterization of carbapenem-resistant Gram-negative bacteria from Tamil Nadu	Journal of Chemotherapy	28	5	371	374	1.6	https://doi.org/10.1179/1973947815Y.0000000056
606	Priya R., Dass J.F.P., Siva R.	Gene Expression Prediction and Hierarchical Clustering Analysis of Plant CCD genes	Plant Molecular Biology Reporter	34	3	618	627	1.6	https://doi.org/10.1007/s11105-015-0950-2

607	Kella V.P., Mehta P., Sarma A., Ghosh J., Chattopadhyay P.K.	A comparative study of sheath potential profile measurements with laser-heated and current-heated emissive probes	Review of Scientific Instruments	87	4	-	-	1.59	https://doi.org/10.1063/1.4945693
608	Maddinedi S.B., Mandal B.K.	Biofabrication of reduced graphene oxide nanosheets using terminalia bellirica fruit extract	Current Nanoscience	12	1	94	102	1.59	http://www.eurekaselect.com/131524
609	Pown M., Lakshmi B.	Investigation of ft and fmax in Si and Si1-xGex based single and dual material double-gate tunnel FETs for RF applications	Advances in Natural Sciences: Nanoscience and Nanotechnology	7	2	-	-	1.58	https://doi.org/10.1088/2043-6262/7/2/025006
610	Ananda Babu A., Rajamohan V.	Dynamic instability analysis of rotating delaminated tapered composite plates subjected to periodic in-plane loading	Archive of Applied Mechanics	86	12	1965	1986	1.58	https://doi.org/10.1007/s00419-016-1162-4
611	Babu D.R., Arul H., Vizhi R.E.	Growth and characterization of morpholinium dihydrogenphosphate single crystal	Journal of Crystal Growth	452	-	220	225	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.02.023
612	Ezhil Vizhi R., Harikrishnan V., Saravanan P., Rajan Babu D.	Influence of Co-substitution on the structural and magnetic properties of nanocrystalline Ba0.5Sr0.5Fe12O19	Journal of Crystal Growth	-	-	-	-	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.01.026
613	Vizhi R.E., Yogambal C.	Investigations on the growth and characterization of ¹³ C-glycine single crystal in the presence of sodium bromide	Journal of Crystal Growth	452	-	198	203	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.05.020
614	Vizhi R.E.	Nucleation kinetics, growth and characterization of sodium tetraborate decahydrate "second harmonic generation in centrosymmetric crystal	Journal of Crystal Growth	452	-	184	188	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.01.023
615	Jauhar R.M., Vinitha G., Murugakoothan P.	Single crystal growth of bis guanidinium hydrogen phosphate monohydrate by Sankaranarayanan-Ramasamy method and investigation of its linear and nonlinear optical properties	Journal of Crystal Growth	455	-	90	93	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.09.012
616	Vizhi R.E., Dhivya R., Babu D.R.	Synthesis, growth, optical and mechanical studies of ferroelectric urea-oxalic acid single crystals	Journal of Crystal Growth	452	-	213	219	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.04.038
617	Karthigha S., Kalainathan S., Maheswara Rao K.U., Hamada F., Yamada M., Kondo Y.	Synthesis, growth, structural, optical, luminescence, surface and HOMO LUMO analysis of 2-[2-(4-chloro-phenyl)-vinyl]-1-methylquinolinium naphthalene-2-sulfonate organic single crystals grown by a slow evaporation technique	Journal of Crystal Growth	436	-	113	124	1.57	https://doi.org/10.1016/j.jcrysgr o.2015.11.028
618	Vizhi R.E., Vijayalakshmi M.	Bulk growth and characterization of novel organic piperazinium (bis) hydrogen succinate single crystals	Journal of Crystal Growth	452	-	204	212	1.57	https://doi.org/10.1016/j.jcrysgr o.2016.04.060

629	Vijayakrishnan S.K., Mandla V.R., Pannem R.M.R.	A Geospatial Approach for the Development of Hazardous Building Zonation Mapping	Arabian Journal for Science and Engineering	41	4	1329	1341	1.52	https://doi.org/10.1007/s13369-015-1873-9
630	Muhammad M.R., Pavan Kumar C., Selvakumar R.	Generative and Recognising Devices for Biological Processes	Arabian Journal for Science and Engineering	41	8	2893	2902	1.52	https://doi.org/10.1007/s13369-016-2030-9
631	Mohan Krishna S., Febin Daya J.L.	A Modified Disturbance Rejection Mechanism in Sliding Mode State Observer for Sensorless Induction Motor Drive	Arabian Journal for Science and Engineering	41	9	3571	3586	1.52	https://doi.org/10.1007/s13369-016-2201-8
632	Christopher Clement J., Bharath Reddy B., Emmanuel D.S.	An Energy-Efficient Cooperative Spectrum Sensing Strategy with Robustness Against Noise Uncertainty for Cognitive Radio Networks	Arabian Journal for Science and Engineering	41	9	3399	3405	1.52	https://doi.org/10.1007/s13369-015-1924-2
633	Mohan C.G., Satheesh A.	The Numerical Simulation of Double-Diffusive Mixed Convection Flow in a Lid-Driven Porous Cavity with Magnetohydrodynamic Effect	Arabian Journal for Science and Engineering	41	5	1867	1882	1.52	https://doi.org/10.1007/s13369-015-1998-x
634	Adinaveen T., Vijaya J.J., Kennedy L.J.	Comparative Study of Electrical Conductivity on Activated Carbons Prepared from Various Cellulose Materials	Arabian Journal for Science and Engineering	41	1	55	65	1.52	https://doi.org/10.1007/s13369-014-1516-6
635	Sudhakar Babu T., Mohammed Azharuddin S., Nishant B., Rajasekar N.	A dynamic photo voltaic emulator using dSPACE controller with high accuracy solar photo voltaic characteristics	Journal of Renewable and Sustainable Energy	8	1	-	-	1.51	https://doi.org/10.1063/1.4940414
636	Sudhakar Babu T., Sangeetha K., Rajasekar N.	Voltage band based improved particle swarm optimization technique for maximum power point tracking in solar photovoltaic system	Journal of Renewable and Sustainable Energy	8	1	-	-	1.51	https://doi.org/10.1063/1.4939531
637	Savarimuthu, S. Antony; Thomas, S. Augustine; Prakash, D. G. Leo; Gandhi, Thirumanavelan	LiOtBu Promoted 5-Exo-dig Cyclization of Propargyl Alcohols and Isocyanates for the Synthesis of Multisubstituted 3H-Oxazol-2-ones and Oxazolidin-2-ones	CHEMISTRYSELECT	1	9	2035	2039	1.505	https://doi.org/10.1002/slct.201600363
638	Jayachandra, R.; Reddy, Sabbasani Rajasekhara; Balakrishna	Natural Sugars Derived Chiral Ionic Liquids for Asymmetric Michael Addition Reaction	CHEMISTRYSELECT	1	10	2341	2353	1.505	https://doi.org/10.1002/slct.201600427
639	Balijapalli, Umamahesh; Thiyagarajan, Manojkumar Dhanthalu; Manickam, Saravanakumar; Sathiyarayanan, Kulathu Iyer	Synthesis of T-shaped Oxazolonaphthoimidazo[1,2-a] pyridines using Lactic Acid as Bio-based Green Solvent: An Insight into Photophysical Studies	CHEMISTRYSELECT	1	11	2900	2908	1.505	https://doi.org/10.1002/slct.201600585

640	Santha Lakshmi S., Geetha K., Gayathri M., Shanmugam G.	Synthesis, crystal structures, spectroscopic characterization and in vitro antidiabetic studies of new Schiff base Copper(II) complexes	Journal of Chemical Sciences	128	7	1095	1102	1.5	https://doi.org/10.1007/s12039-016-1099-8
641	Santhisudha S., Jayaprakash S.H., Mohan G., Kumar Y.N., Suganthi V., Mohanasrinivasan V., Reddy C.S.	TiO ₂ -SO ₄ ²⁻ Catalyzed Synthesis and Antimicrobial Activity/Molecular Docking Studies of β -Indolyl Nitroalkanes	Combinatorial Chemistry and High Throughput Screening	19	4	290	297	1.5	https://doi.org/10.2174/1386207319666160315113237
642	Roopan S.M., Palaniraja J.	Synthesis of indazoloquinazoline system (microreview)	Chemistry of Heterocyclic Compounds	52	2	93	95	1.49	https://doi.org/10.1007/s10593-016-1838-2
643	Benazir A.J., Sivaraj R., Rashidi M.M.	Comparison between Casson Fluid Flow in the Presence of Heat and Mass Transfer from a Vertical Cone and Flat Plate	Journal of Heat Transfer	138	11	-	-	1.48	https://doi.org/10.1115/1.4033971
644	Karthik D., Swaroop S.	Influence of Laser Peening on Phase Transformation and Corrosion Resistance of AISI 321 steel	Journal of Materials Engineering and Performance	25	7	2642	2650	1.48	https://doi.org/10.1007/s11665-016-2158-5
645	Sriram S.R., Bindu B.	Impact of NBTI induced variations on delay locked loop multi-phase clock generator	Microelectronics Reliability	60	-	33	40	1.48	https://doi.org/10.1016/j.microrel.2016.02.002
646	Sundaram D., Kesavan K., Kumaravel H., Mohammed R.F., Tohru M., Toshiaki I., Raja S.	Protective efficacy of active compounds from <i>Phyllanthus amarus</i> against white spot syndrome virus in freshwater crab (<i>Paratelphusa hydrodomous</i>)	Aquaculture Research	47	7	2061	2067	1.475	https://doi.org/10.1111/are.12660
647	Rajasehkar Reddy C.B., Dinesh S., Anusha N., Itami T., Rajasekhara Reddy S., Sudhakaran R.	Antiviral activity of 3-(1-chloropiperidin-4-yl)-6-fluoro benzisoxazole 2 against White spot syndrome virus in Freshwater crab, <i>Paratelphusa hydrodomous</i>	Aquaculture Research	47	8	2677	2681	1.475	https://doi.org/10.1111/are.12704
648	Warrier A.R., Parameswaran C., Bingi J., Vijayan C.	FRET controlled photoluminescence in β -In ₂ S ₃ microflower-Au nanoparticle ensemble	Materials Research Express	3	6	-	-	1.45	https://doi.org/10.1088/2053-1591/3/6/065016
649	Rajagopal S., Bharaneswari M., Nataraj D., Khyzhun O.Y., Djaoued Y.	Crystal structure and electronic properties of facile synthesized Cr ₂ O ₃ nanoparticles	Materials Research Express	3	9	-	-	1.45	https://doi.org/10.1088/2053-1591/3/9/095019
650	Bagadi K.P., Annepu V., Das S.	Recent trends in multiuser detection techniques for SDMA ϵ -OFDM communication system	Physical Communication	20	-	93	108	1.45	https://doi.org/10.1016/j.phycom.2016.07.001
651	Ghanta, Shreeja; Paul, X. John	Human intrusion towards the balance of Nature in Rachel Carson's <i>The Silent Spring</i> : A Review	Rupkatha Journal on Interdisciplinary Studies in Humanities	8	1	159	+	1.44	http://rupkatha.com/V8/n1/17_silent_spring.pdf
652	Srivastav, Akhil Kumar; Ghosh, Mini	Modeling and analysis of the symptomatic and asymptomatic infections of swine flu with optimal control	Modeling Earth Systems and Environment	2	4	-	-	1.44	https://doi.org/10.1007/s40808-016-0222-7

653	Vinisha Rani K., Hari Prakash N., Solomon I., Sarma B., Sarma A.	Surface modifications of natural Kanchipuram silk (pattu) fibers using glow discharge air Plasma	Fibers and Polymers	17	1	52	58	1.44	https://doi.org/10.1007/s12221-016-5513-0
654	Mohana Roopan S., Sompalle R.	Synthetic chemistry of pyrimidines and fused pyrimidines: A review	Synthetic Communications	46	8	645	672	1.44	https://doi.org/10.1080/00397911.2016.1165254
655	Sumathi S., Gopal B.	Synthesis, characterization and catalytic activity of modified fluorapatite towards the multicomponent one-pot Biginelli condensation	Reaction Kinetics, Mechanisms and Catalysis	117	1	77	86	1.43	https://doi.org/10.1007/s11144-015-0940-2
656	Rana S., Mehmood R., Narayana P.V.S., Akbar N.S.	Free Convective Nonaligned Non-Newtonian Flow with Non-linear Thermal Radiation	Communications in Theoretical Physics	66	6	687	693	1.42	https://doi.org/10.1088/0253-6102/66/6/687
657	Panakkool-Thamban A., Kappalli S., Kottarathil H.A., Gopinathan A.	Mothocya renardi (Bleeker, 1857) (Crustacea: Isopoda: Cymothoidae) parasitising Strongylura leiura (Bleeker) (Belonidae) off the Malabar coast of India: Redescription, occurrence and life-cycle	Systematic Parasitology	93	6	583	599	1.41	https://doi.org/10.1007/s11230-016-9646-8
658	Suresh P.	Membrane-bound versus soluble major histocompatibility complex Class I-related chain A and major histocompatibility complex Class I-related chain B differential expression: Mechanisms of tumor eradication versus evasion and current drug development strate	Journal of Cancer Research and Therapeutics	12	4	1224	1233	1.39	https://doi.org/10.4103/0973-1482.176169
659	Rambabu K., Velu S.	Improved performance of CaCl ₂ incorporated polyethersulfone ultrafiltration membranes	Periodica Polytechnica Chemical Engineering	60	3	181	191	1.38	https://doi.org/10.3311/PPch.8482
660	Ganesapillai M., Mathew M., Singh A., Simha P.	Influence of microwave and ultrasound pretreatment on solvent extraction of bio-components from walnut (<i>Juglans regia</i> L.) shells	Periodica Polytechnica Chemical Engineering	60	1	40	48	1.38	https://doi.org/10.3311/PPch.8480
661	Kumari S., Karuppiah M., Li X., Wu F., Das A.K., Odelu V.	An enhanced and secure trust-extended authentication mechanism for vehicular ad-hoc networks	Security and Communication Networks	9	17	4255	4271	1.38	https://doi.org/10.1002/sec.1602
662	Wu F., Xu L., Kumari S., Li X., Das A.K., Khan M.K., Karuppiah M., Baliyan R.	A novel and provably secure authentication and key agreement scheme with user anonymity for global mobility networks	Security and Communication Networks	9	16	3527	3542	1.38	https://doi.org/10.1002/sec.1558
663	Karuppiah M., Kumari S., Das A.K., Li X., Wu F., Basu S.	A secure lightweight authentication scheme with user anonymity for roaming service in ubiquitous networks	Security and Communication Networks	9	17	4192	4209	1.38	https://doi.org/10.1002/sec.1598

664	Das M., Malipeddi H., Nambiraj N.A., Rajan R.	Phytochemical Analysis, Antioxidant Activity and In Vitro Growth Inhibition of Struvite Crystals by Ipomoea Eriocarpa Leaf Extracts	Journal of Food Biochemistry	40	2	148	160	1.36	https://doi.org/10.1111/jfbc.12205
665	Routh B., Maiti R., Ray A.K., Sobczyk A.	An investigation on secondary force contacts of tooth pairs in conventional harmonic drives with involute toothed gear set	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	230	4	622	638	1.36	https://doi.org/10.1177/0954406215577983
666	Venkatesh Murthy B.T., Srinivasa Rao I.	Highly linear dual capacitive feedback LNA for L-band atmospheric radars	Journal of Electromagnetic Waves and Applications	30	5	612	625	1.35	https://doi.org/10.1080/09205071.2016.1140087
667	Ashraf M., Radha C.A., Ahmad S., Masood S., Dar R.A., Ramasubramanian V.	Evaluation of excess life time cancer risk due to natural radioactivity of the Lignite samples of the Nichahoma, lignite belt, North Kashmir, India	Radiochimica Acta	104	9	673	680	1.34	https://doi.org/10.1515/ract-2015-2504
668	Ashraf M., Radha C.A., Ahmad S., Masood S., Dar R.A., Ramasubramanian V., Reddy P.Y.	Radiological health assessment due to gamma radiation levels of natural radioactivity of soil in vicinity of Nichahoma lignite belt, Kashmir Valley	Radiochimica Acta	104	6	435	444	1.34	https://doi.org/10.1515/ract-2015-2498
669	Mani B., Jawahar A., Radha S., Chitra K., Sivasubramanian A.	Combined influence of third-order dispersion, intra-pulse Raman scattering, and self-steepening effect on soliton temporal shifts in telecommunications	Photonic Network Communications	32	1	73	88	1.33	https://doi.org/10.1007/s11107-015-0577-0
670	Das S.	Identification and targeting of microRNAs modulating acquired chemotherapy resistance in Triple negative breast cancer (TNBC): A better strategy to combat chemoresistance	Medical Hypotheses	96	-	5	8	1.32	https://doi.org/10.1016/j.mehy.2016.09.004
671	Paul C.B., Sudandiradoss C.	Functional and structural characterization of deleterious nsSNPs of cyp19a1 based on binding affinity and stability - A computational approach	Gene Reports	5	-	34	39	1.31	https://doi.org/10.1016/j.genrep.2016.08.004
672	Kumaravel S., Kukde A., Venkataramani B., Raja R.	A high linearity and high gain Folded Cascode LNA for narrowband receiver applications	Microelectronics Journal	54	-	101	108	1.28	https://doi.org/10.1016/j.mejo.2016.06.001
673	Raj N.M., Kumaraswamidhas L.A., Arungalai Vendan S	Experimental studies and finite element simulation of ultrasonic welding of Cu alloy	Bulletin of the Polish Academy of Sciences: Technical Sciences	64	3	535	546	1.28	https://doi.org/10.1515/bpasts-2016-0060
674	Priya, Charles Lekhya; Rao, K. V. Bhaskara	Postprandial Antihyperglycemic And Antioxidant Activities of Acalypha indica Linn Stem Extract: An In-vivo Study	PHARMACOGNOSY MAGAZINE	12	47	S475	S481	1.26	https://doi.org/10.4103/0973-1296.191461

675	Choudhary R., Venkatraman S.K., Rana A., Swamiappan S.	In vitro bioactivity studies of larnite and larnite/chitin composites prepared from biowaste for biomedical applications	Bulletin of Materials Science	39	5	1213	1221	1.26	https://doi.org/10.1007/s12034-016-1245-4
676	Palla P., Uppu G.R., Ethiraj A.S., Raina J.P.	Bandgap engineered graphene and hexagonal boron nitride for resonant tunnelling diode	Bulletin of Materials Science	39	6	1441	1451	1.26	https://doi.org/10.1007/s12034-016-1285-9
677	A k b chand., P viswanathan., N vijender	Bicubic partially blended rational fractal surface for a constrained interpolation problem	Computational and Applied Mathematics	37	1	785	804	1.26	https://doi.org/10.1007/s40314-016-0373-1
678	Gagneja K., Singh J.	Survey and analysis of security issues on RSA algorithm for digital video data	Journal of Discrete Mathematical Sciences and Cryptography	19	1	39	55	1.25	https://doi.org/10.1080/09720529.2015.1085730
679	Padmanaban S., Daya F.J.L., Blaabjerg F., Wheeler P.W., SzczeÅââ,niak P., Oleschuk V., H.Ertas A.	Wavelet-fuzzy speed indirect field oriented controller for three-phase AC motor drive " Investigation and implementation	Engineering Science and Technology, an International Journal	19	3	1099	1107	1.24	https://doi.org/10.1016/j.jestch.2015.11.007
680	Reddy B.N., Reddy P.V.G., Reddy B.R.P., Reddy S.R.S., Reddy S.M., Pathak M.	Novel 7-Nitro-1-(Piperidin-4-yl)-4,5-Dihydro-[1,2,4] Triazolo[4,3-a]Quinoline-Sulphonamide Derivatives as Antimicrobial Agents: Design, Synthesis, and Bio-Activity	Journal of Heterocyclic Chemistry	53	5	1416	1423	1.24	https://doi.org/10.1002/jhet.2439
681	Emmanuel Nicholas P., Lenin Babu M.C., Sathya Sofia A.	Multiobjective optimization of laminated composite plate with elliptical cut-out using ANN based NSGA-II	Journal of Mechanics of Materials and Structures	11	2	157	172	1.24	https://doi.org/10.2140/jomms.2016.11.157
682	Sathiyar S., Velmurugan V., Senthilnathan K., Ramesh Babu P., Sivabalan S.	All-normal dispersion passively mode-locked Yb-doped fiber laser using MoS2-PVA saturable absorber	Laser Physics	26	5	-	-	1.23	https://doi.org/10.1088/1054-660X/26/5/055103
683	Lakshmipathy R., Sarada N.C.	Metal ion free watermelon (Citrullus lanatus) rind as adsorbent for the removal of lead and copper ions from aqueous solution	Desalination and Water Treatment	57	33	15362	15372	1.23	https://doi.org/10.1080/19443994.2015.1072064
684	Lakshmipathy R., Sarada N.C.	Methylene blue adsorption onto native watermelon rind: batch and fixed bed column studies	Desalination and Water Treatment	57	23	10632	10645	1.23	https://doi.org/10.1080/19443994.2015.1040462
685	Vijayaraghavan G., Shanthakumar S.	Performance study on algal alginate as natural coagulant for the removal of Congo red dye	Desalination and Water Treatment	57	14	6384	6392	1.23	https://doi.org/10.1080/19443994.2015.1008578
686	Vilvanathan S., Shanthakumar S.	Removal of Ni(II) and Co(II) ions from aqueous solution using teak (Tectona grandis) leaves powder: adsorption kinetics, equilibrium and thermodynamics study	Desalination and Water Treatment	57	9	3995	4007	1.23	https://doi.org/10.1080/19443994.2014.989913

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688	Suresh P., Vijaya J.J., Balasubramaniam T., John Kennedy L.	Synergy effect in the photocatalytic degradation of textile dyeing waste water by using microwave combustion synthesized nickel oxide supported activated carbon	Desalination and Water Treatment	57	8	3766	3781	1.23	https://doi.org/10.1080/19443994.2014.989276
689	Karthik R., Muthezhilan R., Jaffar Hussain A., Ramalingam K., Rekha V.	Effective removal of Methylene Blue dye from water using three different low-cost adsorbents	Desalination and Water Treatment	57	23	10626	10631	1.23	https://doi.org/10.1080/19443994.2015.1039598
690	Bensingh, R. Joseph; Boopathy, S. Rajendra; Jebaraj, C.	Minimization of variation in volumetric shrinkage and deflection on injection molding of Bi-aspheric lens using numerical simulation	Journal of Mechanical Science and Technology	30	11	5143	5152	1.22	https://doi.org/10.1007/s12206-016-1032-6
691	Manimegalai A., Senthilnathan K., Nakkeeran K., Babu P.R.	Tapering photonic crystal fibers for generating self-similar ultrashort pulses at 1550 nm	Optical Engineering	55	6	-	-	1.21	https://doi.org/10.1117/1.OE.55.6.067108
692	Samikannu S., Sivaraj S.	Dissipative soliton generation in an all-normal dispersion ytterbium-doped fiber laser using few-layer molybdenum diselenide as a saturable absorber	Optical Engineering	55	8	-	-	1.21	https://doi.org/10.1117/1.OE.55.8.081311
693	Singh N., Chatterjee A., Chakraborty K., Chatterjee S., Abraham J.	Cytotoxic effect on MG-63 cell line and antimicrobial and antioxidant properties of silver nanoparticles synthesized with seed extracts of Capsicum sp	Records of Natural Products	10	1	47	57	1.21	https://www.researchgate.net/publication/281439085_Cytotoxic_Effect_on_MG-63_Cell_Line_and_Antimicrobial_and_Antioxidant_Properties_of_Silver_Nanoparticles_Synthesized_with_Seed_Extracts_of_Capsicum_sp
694	Ghosh S., Sharma A., Arora S., Desouza G.	A geoengineering approach toward tackling tropical cyclones over the Bay of Bengal	Atmospheric Science Letters	17	3	208	215	1.198	https://doi.org/10.1002/asl.644
695	Endluri, Ruth Sherly; Subramaniam, Shanthakumar	A STUDY ON RECOVERY OF SILICA AND ALUMINA FROM FLY ASH	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	15	4	835	839	1.19	http://www.eemj.icpm.tuiasi.ro/pdfs/vol15/no4/13_398_Ruth_12.pdf
696	Fathima, Aafreen; Sadiq, Mohammed; Rao, Jonnalagadda Raghava; Nair, Balachandran Unni	BIOREMOVAL OF TRIVALENT CHROMIUM USING INDIGENOUS Bacillus species - A BIOFILM BASED APPROACH	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	15	7	1603	1610	1.19	http://www.eemj.icpm.tuiasi.ro/pdfs/vol15/no7/19_269_Fathima_12.pdf

697	Premalatha L., Rahim N.A., Fathi M.	Performance Evaluation of Two Photovoltaic Cell Technologies in Fluctuating Weather Conditions, Using EN50530 Test Procedure	Journal of Solar Energy Engineering, Transactions of the ASME	138	2	-	-	1.19	https://doi.org/10.1115/1.4032242
698	Kumar H.G.P., Xavior M.A.	Fatigue and Wear Behavior of Al6061 Graphene Composites Synthesized by Powder Metallurgy	Transactions of the Indian Institute of Metals	69	2	415	419	1.18	https://doi.org/10.1007/s12666-015-0780-9
699	Banerjee P., Shanthi C.	Cryptic peptides from collagen: A critical review	Protein and Peptide Letters	23	7	664	672	1.17	http://www.eurekaselect.com/142099/article
700	Lokeshwaran K., Venkataraman K.	Development of monoclonal antibody against chlorinated tyrosine containing ApoA1 peptide to screen quality of human high density lipoprotein (HDL)	Protein and Peptide Letters	23	10	905	912	1.17	https://doi.org/10.2174/0929866523666160728121204
701	Hemachandran H., Anantharaman A., Priya R.R., Doss G.P., Siva R.	Interaction of Catechu Dye with DNA: Spectroscopic and in Silico Approach	Nucleosides, Nucleotides and Nucleic Acids	35	4	195	210	1.17	https://doi.org/10.1080/15257770.2015.1124997
702	Suthar O.P., Siddheshwar P.G., Bhadauria B.S.	A study on the onset of thermally modulated Darcy-Bardouin convection	Journal of Engineering Mathematics	101	1	175	188	1.15	https://doi.org/10.1007/s10665-016-9853-y
703	Sumathi S., Nehru M.	Synthesis, Characterization, and Influence of Fuel on Dielectric and Magnetic Properties of Cobalt Ferrite Nanoparticles	Journal of Superconductivity and Novel Magnetism	29	5	1317	1323	1.13	https://doi.org/10.1007/s10948-016-3416-3
704	Swaminathan M., Ganesh V., Koshy T., Venugopal P., Paul S., Venkatesan V.	A Study on the Role of Estrogen Receptor Gene Polymorphisms in Female Infertility	Genetic Testing and Molecular Biomarkers	20	11	692	695	1.12	https://doi.org/10.1089/gtmb.2016.0097
705	Balaji K., Subramanian B., Yadav P., Anu Radha C., Ramasubramanian V.	Radiation therapy for breast cancer: Literature review	Medical Dosimetry	41	3	253	257	1.12	https://doi.org/10.1016/j.meddos.2016.06.005
706	Joghee N.N., Jayaraman G.	Biochemical changes induced by salt stress in halotolerant bacterial isolates are media dependent as well as species specific	Preparative Biochemistry and Biotechnology	46	1	8	14	1.12	https://doi.org/10.1080/10826068.2014.970689
707	Jawahar J.J.D., Murthy S.M.S., Somasundaram K.B.V.	Self-gated resonant-clocked flip-flop optimised for power efficiency and signal integrity	IET Circuits, Devices and Systems	10	2	94	103	1.09	https://doi.org/10.1049/iet-cds.2014.0282
708	Konikkara N., Kennedy L.J., Aruldoss U., Vijaya J.J.	Electrical conductivity studies of nanoporous carbon derived from leather waste: Effect of pressure, temperature and porosity	Journal of Nanoscience and Nanotechnology	16	8	8829	8838	1.09	https://doi.org/10.1166/jnn.2016.11652

709	Lim B.H., Nirmala R., Navamathavan R., Kim H.Y.	Flexible and conducting carbon nanofibers obtained from electrospun polyacrylonitrile/phosphoric acid nanofibers	Journal of Nanoscience and Nanotechnology	16	1	1033	1037	1.09	https://doi.org/10.1166/jnn.2016.10599
710	Han T.-H., Nirmala R., Kim T.W., Navamathavan R., Kim H.Y., Park S.J.	Highly aligned poly(vinylidene fluoride-co-hexafluoro propylene) nanofibers via electrospinning technique	Journal of Nanoscience and Nanotechnology	16	1	595	600	1.09	https://doi.org/10.1166/jnn.2016.10692
711	Basith N.M., Vijaya J.J., Kennedy L.J., Bououdina M., Shenhagaraman R., Jayavel R.	Influence of Fe-Doping on the structural, morphological, optical, magnetic and antibacterial effect of ZnO nanostructures	Journal of Nanoscience and Nanotechnology	16	2	1567	1577	1.09	https://doi.org/10.1166/jnn.2016.10756
712	Amalathi P., Vijaya J.J., Kennedy L.J., Bououdina M.	Microwave based synthesis; structural, optical and magnetic measurements of Co ²⁺ doped MnFe ₂ O ₄	Journal of Nanoscience and Nanotechnology	16	1	715	722	1.09	https://doi.org/10.1166/jnn.2016.10680
713	Sherly E.D., Judith Vijaya J., John Kennedy L., Sreedhar B.	NiO coupled ZnO nanoparticles: Preparation, characterization and their UV-vis photocatalytic activities	Journal of Nanoscience and Nanotechnology	16	9	9784	9793	1.09	https://doi.org/10.1166/jnn.2016.12043
714	Fabbiyola S., Kennedy L.J., Vijaya J.J., Bououdina M., Dunn S.	Structural, optical and magnetic properties of Cu-doped ZnO nanoparticles by co-precipitation method	Journal of Nanoscience and Nanotechnology	16	9	9722	9730	1.09	https://doi.org/10.1166/jnn.2016.12094
715	Rana D., Leena M., Nithyananth M., Pasricha R., Manivasagam G., Ramalingam M.	Control of stem cell fate and function by polymer nanofibers	Journal of Nanoscience and Nanotechnology	16	9	9015	9021	1.09	https://doi.org/10.1166/jnn.2016.12735
716	Michael M.S., Kulkarni A.R., Prabakaran S.R.S.	Design of monolayer porous carbon-embedded hybrid-LiMnPO ₄ for high energy density Li-ion capacitors	Journal of Nanoscience and Nanotechnology	16	7	7314	7324	1.09	https://doi.org/10.1166/jnn.2016.12081
717	Suresh T., Vijayakumar V., Kumar L.J., Sarveswari S., Jotani M.M., Otero-De-La-Roza A., Tan Y.S., Tiekink E.R.T.	Hydrogen bonding in 2,6-bis(4-fluorophenyl)-3,5-dimethylpiperidin-4-one methanol solvate	Zeitschrift fur Kristallographie - Crystalline Materials	231	6	365	374	1.09	https://doi.org/10.1515/zkri-2015-1915
718	Suganthi L., Samuel A.A.	Modelling and forecasting energy consumption in INDIA: Influence of socioeconomic variables	Energy Sources, Part B: Economics, Planning and Policy	11	5	404	411	1.09	https://doi.org/10.1080/15567249.2011.631087
719	Mohan A., Malathi M., Shaikh S.S., Kumbharkhane A.C.	Thermodynamic and Molecular Dielectric Relaxation Studies of Polar-Polar Binary Mixtures Using Time Domain Reflectometry Technique	Journal of Solution Chemistry	45	2	221	234	1.04	https://doi.org/10.1007/s10953-016-0441-6
720	Soundararajan, Mohanalakshmi; Arunagiri, Sivasubramanian; Alagala, Swarnalatha	An adaptive delineator for photoplethysmography waveforms	Biomedizinische Technik. Biomedical engineering	61	6	645	655	1.01	https://doi.org/10.1515/bmt-2015-0190

721	Geethanjali P.	A mechatronics platform to study prosthetic hand control using EMG signals	Australasian Physical and Engineering Sciences in Medicine	39	3	765	771	1	https://doi.org/10.1007/s13246-016-0458-6
722	Chandra Reddy B.J., Sarada N.C.	Development and validation of a novel RP-HPLC method for stability-indicating assay of Abiraterone acetate	Journal of Liquid Chromatography and Related Technologies	39	7	354	363	0.99	https://doi.org/10.1080/10826076.2016.1163500
723	Bin Abdul Rahim H.R., Manjunath S., Fallah H., Thokchom S., Harun S.W., Mohammed W.S., Hornyak L.G., Dutta J.	Side coupling of multiple optical channels by spiral patterned zinc oxide coatings on large core plastic optical fibers	Micro and Nano Letters	11	2	122	126	0.98	https://doi.org/10.1049/mnl.2015.0452
724	Paramane A.S., Kannaiah S.K.	Superiority of partial discharge characteristics of cross-linked polyethylene nanocomposites over microcomposites for electrical insulation application	Micro and Nano Letters	11	12	844	847	0.98	https://doi.org/10.1049/mnl.2016.0496
725	Suresh S., Solay Anand S.S.R., Arul R., Isha D.	Structural, morphological, optical and electrical properties of nickel sulphide thin films	Chalcogenide Letters	13	7	291	299	0.98	http://www.chalcogen.ro/291_SagadevanS.pdf
726	Rajasingh I., Manuel P., Parthiban N., Jemilet D.A., Rajan R.S.	Transmission in Butterfly Networks	Computer Journal	59	8	1174	1179	0.98	https://doi.org/10.1093/comjnl/bvx127
727	Gobinath R., Ganapathy G.P., Akinwumi I.I., Kovendiran S., Hema S., Thangaraj M.	Plasticity, strength, permeability and compressibility characteristics of black cotton soil stabilized with precipitated silica	Journal of Central South University	23	10	2688	2694	0.97	https://doi.org/10.1007/s11771-016-3330-7
728	Kumar C.A., Mouliswaran S.C., Li J.-H., Chandrasekar C.	Role based access control design using triadic concept analysis	Journal of Central South University	23	12	3183	3191	0.97	https://doi.org/10.1007/s11771-016-3384-6
729	Helna A.K., Sudha K., Aneesh P.T., Piasecki W., Anilkumar G.	A case of persisting massive infection of <i>Scomberomorus commerson</i> , a commercially exploited scombrid fish, with <i>Cybicola armatus</i> (Copepoda: Siphonostomatoida: Pseudocycnidae)	Acta Parasitologica	61	4	836	848	0.97	https://doi.org/10.1515/ap-2016-0116
730	Zhao X.-Y., Guo S.-M., Ghosh M., Li X.-Z.	Stability and persistence of an avian influenza epidemic model with impacts of climate change	Discrete Dynamics in Nature and Society	2016	-	-	-	0.97	https://doi.org/10.1155/2016/7871251
731	Sasikala S., Appavu Alias Balamurugan S., Geetha S.	Improving detection performance of Artificial Neural Network by Shapley Value Embedded Genetic feature selector	Neural Network World	26	2	175	201	0.96	https://doi.org/10.14311/NNW.2016.26.010

732	Zhang Z., Sangaiah A.K.	Applied soft computing for online social networks	Neural Network World	26	6	539	541	0.96	https://search.proquest.com/openview/3a32b63e8f5f72e4666558e7a8f8b459/1?pq-origsite=gscholar&cbl=2036027
733	Kaur S., Singh S., Kaushal S., Sangaiah A.K.	Comparative analysis of quality metrics for community detection in social networks using genetic algorithm	Neural Network World	26	6	625	641	0.96	https://doi.org/10.14311/NNW.2016.26.036
734	Zackriya, Mohammed, V; Kittur, Harish M.	Low Energy Metric Content Addressable Memory (CAM) with Multi Voltage Matchline Segments	Journal of Circuits, Systems and Computers	25	2	-	-	0.94	https://doi.org/10.1142/S021812661650002X
735	Dattatraya K.S., Appasaheb B.R., Khaladkar R.B., Bhaaskaran V.S.K.	Low power, high speed and area efficient binary count multiplier	Journal of Circuits, Systems and Computers	25	4	-	-	0.94	https://doi.org/10.1142/S0218126616500274
736	Sumanth Kumar K., Reuben J.	Minimal Buffer Insertion Based Low Power Clock Tree Synthesis for 3D Integrated Circuits	Journal of Circuits, Systems and Computers	25	11	-	-	0.94	https://doi.org/10.1142/S0218126616501425
737	Gunabalan, R.; Sanjeevikumar, P.; Blaabjerg, Frede; Wheeler, Patrick W.; Ojo, Olorunfemi; Ertas, Ahmet H.	Speed sensorless vector control of parallel-connected three-phase two-motor single-inverter drive system	FACETS	1	-	1	16	0.93	https://doi.org/10.1139/facets-2015-0004
738	Kameswaran, Peri K.; Sutradhar, A.; Murthy, P. V. S. N.; Sibanda, P.	Stagnation Point Flow and Convection in a Nanofluid Saturated Porous Medium with Convective Boundary Condition and Chemical Reaction	JOURNAL OF NANOFUIDS	5	2	310	319	0.93	https://doi.org/10.1166/jon.2016.1212
739	Raju, C. S. K.; Sandeep, N.; Babu, M. Jayachandra; Reddy, J. V. Ramana	Stagnation-Point Flow of a Ferrofluid Towards a Stretching Sheet	JOURNAL OF NANOFUIDS	5	2	245	252	0.93	https://doi.org/10.1166/jon.2016.1209
740	Venkatesh Murthy B.T., Srinivasa Rao I.	High-gain sub-decibel noise figure low noise amplifier for atmospheric radar	Microwave and Optical Technology Letters	58	7	1618	1622	0.93	https://doi.org/10.1002/mop.29873
741	Sai Rajesh G., Kumar V.	H-RIS inspired Koch fractal antenna for S- and C-band SAR applications	Microwave and Optical Technology Letters	58	6	1311	1314	0.93	https://doi.org/10.1002/mop.29789
742	Rajkumar R., Kiran Kommuri U.	Study of harmonic suppression using defected ground structure for OSRR antenna	Microwave and Optical Technology Letters	58	6	1353	1358	0.93	https://doi.org/10.1002/mop.29805
743	Sharma R., Kiran Kommuri U.	Dual polarized dual-band MIMO antenna	Microwave and Optical Technology Letters	58	11	2699	2703	0.93	https://doi.org/10.1002/mop.30129
744	Umaparvathi M., Bhalaji N., Jothi Prasanna S., Parthiban N.	Analysis of Creido Enhanced Chord Overlay Protocol Under Different Movement Models in Delay Tolerant Networks	Wireless Personal Communications	90	2	985	1001	0.93	https://doi.org/10.1007/s11277-016-3277-x

745	Bhowmick A., Prasad B., Roy S.D., Kundu S.	Performance of Cognitive Radio Network with Novel Hybrid Spectrum Access Schemes	Wireless Personal Communications	91	2	541	560	0.93	https://doi.org/10.1007/s11277-016-3476-5
746	Rajesh A., Nakkeeran R.	Development and Analysis of Power Saving Models for Energy Conservation in IEEE 802.16m Networks: Towards Green Communication	Wireless Personal Communications	87	2	443	460	0.93	https://doi.org/10.1007/s11277-015-3071-1
747	Adinaveen T., Vijaya J.J., Sivakumar R., Kennedy L.J.	Structural and electrochemical investigation of waste newspaper based electrodes for supercapacitor applications	Materials Science- Poland	34	2	302	314	0.92	https://doi.org/10.1515/msp-2016-0064
748	Azhar S.M., Anis M., Hussaini S.S., Kalainathan S., Shirsat M.D., Rabbani G.	Dielectric, etching and Z-scan studies of glycine doped potassium thiourea chloride crystal	Materials Science- Poland	34	4	800	805	0.92	https://doi.org/10.1515/msp-2016-0105
749	Bhujangrao, Kulkarni Hrushikesh	Design and Development of Prototype Cylindrical Parabolic Solar Collector for Water Heating Application	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY DEVELOPMENT	5	1	49	55	0.91	https://ejournal.undip.ac.id/index.php/ijred/article/view/9317
750	Kirti, Khora S.S.	Mechanical properties of pufferfish (Lagocephalus gloveri) skin and its collagen arrangement	Marine and Freshwater Behaviour and Physiology	49	5	327	336	0.91	https://doi.org/10.1080/10236244.2016.1209363
751	Singh Y., John B., Ganapathy G.P., George A., Harisanth S., Divyalakshmi K.S., Kesavan S.	Geomorphic observations from southwestern terminus of palghat Gap, south India and their tectonic implications	Journal of Earth System Science	125	4	821	839	0.89	https://doi.org/10.1007/s12040-016-0695-9
752	Revathi S., Subhashree V.	Comparative study of hexavalent chromium induced biochemical changes with and without EDTA in Sesbania grandiflora L. Pers	Journal of Agricultural Science and Technology	18	5	1289	1301	0.89	http://mjee.modares.ac.ir/article-23-11830-en.pdf
753	Daya F.J.L., Sanjeevikumar P., Blaabjerg F., Wheeler P.W., Olorunfemi Ojo J., Ertas A.H.	Analysis of Wavelet Controller for Robustness in Electronic Differential of Electric Vehicles: An Investigation and Numerical Developments	Electric Power Components and Systems	44	7	763	773	0.89	https://doi.org/10.1080/15325008.2015.1131771
754	Azharuddin M., Babu T.S., Bilakanti N., Rajasekar N.	A Nearly Accurate Solar Photovoltaic Emulator Using a dSPACE Controller for Real-time Control	Electric Power Components and Systems	44	7	774	782	0.89	https://doi.org/10.1080/15325008.2015.1131763
755	Thomas P., Soren N., Pynadathu Rumjit N., George James J.	The efficacy of an anaerobic digester-based power production from various feedstocks	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	38	22	3315	3323	0.89	https://doi.org/10.1080/15567036.2016.1217288
756	Geethanjali B., Adalarasu K., Jagannath M., Rajasekaran R.	Enhancement of task performance aided by music	Current Science	111	11	1794	1801	0.883	https://doi.org/10.18520/cs/v111/i11/1794-1801

757	Kalaiselvi A., Roopan S.M., Madhumitha G., Ramalingam C., Al Dhabhi N.A., Arasu M.V.	Catharanthus roseus-mediated zinc oxide nanoparticles against photocatalytic application of phenol red under UV@ 365 nm	Current Science	111	11	1811	1815	0.883	https://doi.org/10.18520/cs/v111/i11/1811-1815
758	Jacob J.J., Revathy T., Jayasri M.A., Suthindhiran K.	Diversity of Magnetospirillum sp. from the southern coast of India	Current Science	111	1	177	183	0.883	https://doi.org/10.18520/cs/v111/i1/177-183
759	Jagannadha Naidu K., Kittur H.M.	A 90A % efficiency, 250A MHz on-chip adaptive switched capacitor based DC-DC converter	Analog Integrated Circuits and Signal Processing	89	2	451	460	0.82	https://doi.org/10.1007/s10470-016-0844-8
760	Chaniyara P.M., Srivastava P.K., Suresha B., Reddy A.S.	Design of sampled analog wavelet processor architecture for cochlear implant application	Analog Integrated Circuits and Signal Processing	86	2	171	180	0.82	https://doi.org/10.1007/s10470-015-0642-8
761	Vijayalakshmi A., Vidyavathy B., Vinitha G.	Structure and characterization of a new organic crystal for optical limiting applications, isonicotinamide bis-p-aminobenzoic acid	Ukrainian Journal of Physical Optics	17	3	98	104	0.8	https://doi.org/10.3116/16091833/17/2/98/2016
762	Philipose A., Rajesh A.	Investigation on energy efficient sensor node placement in railway systems	Engineering Science and Technology, an International Journal	19	2	754	768	0.79	https://doi.org/10.1016/j.jestch.2015.10.009
763	Vanchinathan P.	Is calculus a failure in cryptography?	Resonance	21	3	239	245	0.79	https://doi.org/10.1007/s12045-016-0319-3
764	Praveen K., Anitha Devi V.	Kathakali: The quintessential classical theatre of Kerala	Cultura. International Journal of Philosophy of Culture and Axiology	13	2	19	26	0.79	https://www.ingentaconnect.com/content/plg/cultura/2016/0000013/00000002/art00003
765	Ezhilmaran D., Muthukumaran V.	Key exchange protocol using decomposition problem in near-ring	Gazi University Journal of Science	29	1	123	127	0.79	http://gujs.gazi.edu.tr/article/view/5000154674/5000161487
766	Uma Shankar M., Phanikumar B.R.	Leachate studies on fly ash-stabilised expansive clay liners	Geomechanics and Geoengineering	11	2	114	118	0.79	https://doi.org/10.1080/17486025.2015.1040856
767	Subhan H.	Situating developmental psychology within 'colonial romanticism' and 'postcolonial realism': A study of Paul Scott's the birds of paradise	Rupkatha Journal on Interdisciplinary Studies in Humanities	8	3	164	172	0.79	https://doi.org/10.21659/rupkatha.v8n3.17
768	Sadhana V., Das D., Sravania C., Sivaramakrishna A., Vijayakrishna K., Clayton H.S.	Theoretical and experimental studies on formation of diethylzinc-triphenylphosphine complex	Phosphorus, Sulfur and Silicon and the Related Elements	191	1	35	40	0.78	https://doi.org/10.1080/10426507.2015.1085037
769	Janardan S., Suman P., Sivaramakrishna A., Vijayakrishna K.	Revisiting methyl-halide elimination reactions in hydrazide based hypercoordinate silicon(IV) complexes	Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry	46	2	311	316	0.78	https://doi.org/10.1080/15533174.2014.988239

770	Agilandeswari K., Rubankumar A.	Synthesis, Characterization, Optical, and Magnetic Properties of Co3O4 Nanoparticles by Quick Precipitation	Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry	46	4	502	506	0.78	https://doi.org/10.1080/15533174.2014.988807
771	Prakash N., Arungalai Vendan S., Sudha P.N., Renganathan N.G.	Biodegradable Polymer-Based Ternary Blends for Adsorption of Heavy Metal From Simulated Industrial Wastewater	Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry	46	11	1664	1674	0.78	https://doi.org/10.1080/15533174.2015.1137052
772	Venkatesan K., Satyanarayana V.S.V., Sivakumar A.	Synthesis of pyrimidine carboxamide derivatives catalyzed by uranyl nitrate hexa hydrate with their antibacterial and antioxidant studies	Bulletin of the Chemical Society of Ethiopia	30	1	119	128	0.77	https://doi.org/10.4314/bcse.v30i1.11
773	Saravanakumar D., Nagarale R.K., Jirimali H.C., Lee J.M., Song J., Lee J., Shin W.	Biomimetic copper complex containing polymer modified electrode for electrocatalytic reduction of oxygen	Journal of Electrochemical Science and Technology	7	4	298	305	0.76	https://doi.org/10.5229/JECST.2016.7.4.298
774	Razia Sultana W., Sahoo S.K.	Finite control set model predictive current control for a cascaded multilevel inverter	Journal of Electrical Engineering and Technology	11	6	1674	1683	0.72	https://doi.org/10.5370/JEET.2016.11.6.1674
775	Mani G., Pinagapani A.K.	Design and implementation of a preemptive disturbance rejection controller for PEM fuel cell air-feed system subject to load changes	Journal of Electrical Engineering and Technology	11	5	1449	1456	0.72	https://doi.org/10.5370/JEET.2016.11.5.1449
776	Ks kumar., Pv premalatha., K baskar	Evaluation of Transport Properties of Concrete Made With E-Waste Plastic	Journal of Testing and Evaluation	45	5	1849	1853	0.71	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20160008.htm
777	Sivanesan R., Anwar A., Talwar A., Menaka R., Karthik R.	A novel scheme for detection of Parkinson's disorder from hand-eye co-ordination behavior and DaTscan images	KSII Transactions on Internet and Information Systems	10	9	4367	4385	0.71	https://doi.org/10.3837/tiis.2016.09.019
778	Sonia A.K., Dasan K.P.	Feasibility studies of cellulose microfibril (CMF) reinforced poly(ethylene-co-vinyl acetate) (EVA) composites for food packaging applications	Science and Engineering of Composite Materials	23	5	489	494	0.71	https://doi.org/10.1515/secm-2014-0252
779	Reddy P.M., Lakshmi R., Dass F.P., Sasikumar S.	Synthesis, characterization and formulation of sodium calcium silicate bioceramic for drug delivery applications	Science and Engineering of Composite Materials	23	4	375	380	0.71	https://doi.org/10.1515/secm-2014-0057
780	Suryanarayana G., Dhuli R.	Shock filter based image super-resolution using dual-tree complex wavelet transform and singular value decomposition	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	35	3	1162	1178	0.71	https://doi.org/10.1108/COMPEL-11-2015-0394

781	Dhanya K.I., Swati V.I., Vanka K.S., Osborne W.J.	Antimicrobial activity of <i>Ulva reticulata</i> and its endophytes	Journal of Ocean University of China	15	2	363	369	0.7	https://doi.org/10.1007/s11802-016-2803-7
782	Swamiappan S.	Synthesis of carbonate substituted hydroxyapatite by Pechini method	Kuwait Journal of Science	43	1	174	184	0.693	https://journalskuwait.org/kjs/index.php/KJS/article/view/558
783	Sridharan T.B., Vickram A.S.	Evolving trends in cryopreservation and parameters influencing semen extender preparation - a prospective review	Cryo letters	37	3	196	205	0.69	https://www.ncbi.nlm.nih.gov/pubmed/27393956
784	Vikram J., Sekar K.	Punching of slag based concrete incorporating polymeric and nonpolymeric fibres	Polymers and Polymer Composites	24	7	573	578	0.68	https://journals.sagepub.com/doi/abs/10.1177/096739111602400717
785	Rao, Ashok; Sathiavelu, A.; Mythili, S.	Genetic Engineering In BioButanol Production And Tolerance	Brazilian Archives of Biology and Technology	59	-	-	-	0.676	https://doi.org/10.1590/1678-4324-2016150612
786	Jaiswal, Amit	Nanofibrous Scaffolds for Tissue Engineering Applications	Brazilian Archives of Biology and Technology	59	-	-	-	0.676	https://doi.org/10.1590/1678-4324-2016150644
787	Gomathi, Ajitha; Gothandam, K. M.	Ocean Dwelling Actinobacteria as Source of Antitumor Compounds	Brazilian Archives of Biology and Technology	59	-	-	-	0.676	https://doi.org/10.1590/1678-4324-2016160055
788	Subbarao S.S.V., Krishnarao K.V.	Activity based approach to travel demand modelling: An overview	European Transport - Trasporti Europei	-	61	-	-	0.67	https://www.researchgate.net/publication/306231135_Activity_based_approach_to_travel_demand_modelling_An_overview
789	Krishnan S.P.	Induced pluripotent stem cells: Methods, disease modeling, and microenvironment for drug discovery and screening	Turkish Journal of Biology	40	5	998	1011	0.66	https://doi.org/10.3906/biy-1507-138
790	Rani N., Mandla V.R., Singh T.	Performance of image classification on hyperspectral imagery for lithological mapping	Journal of the Geological Society of India	88	4	440	448	0.632	https://doi.org/10.1007/s12594-016-0507-5
791	Radhika, V.; Sivasubramanian, S.; Murugusundaramoorthy, G.; Jahangiri, Jay M.	Toeplitz Matrices Whose Elements Are the Coefficients of Functions with Bounded Boundary Rotation	Journal of Complex Analysis	-	-	-	-	0.63	https://doi.org/10.1155/2016/4960704
792	Praba B., Manimaran A., Chandrasekaran V.M.	Total graph and complemented graph of a rough semiring	Gazi University Journal of Science	29	2	459	466	0.63	http://gujs.gazi.edu.tr/article/view/5000166610/5000168318
793	Sandeep N., Sulochana C., Rushi Kumar B.	Unsteady MHD radiative flow and heat transfer of a dusty nanofluid over an exponentially stretching surface	Engineering Science and Technology, an International Journal	19	1	227	240	0.63	https://doi.org/10.1016/j.jestch.2015.06.004
794	Murali, G.; Santhi, A. S.; Ganesh, G. Mohan	LOSS OF MECHANICAL PROPERTIES OF FIBER-REINFORCED CONCRETE EXPOSED TO IMPACT LOAD	REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS	46	4	491	496	0.63	https://www.researchgate.net/publication/311822366_Loss_of_mechanical_properties_of_fiber-reinforced_concrete_exposed_to_impact_load

795	Ramachandran G., Veerana S., Padmanaban S.	Vector control of a three-phase parallel connected two motor single inverter speed sensorless drive	Turkish Journal of Electrical Engineering and Computer Sciences	24	5	4027	4041	0.63	https://doi.org/10.3906/elk-1410-48
796	Krishna M., Daya F.	Adaptive speed observer with disturbance torque compensation for sensorless induction motor drives using RT-Lab	Turkish Journal of Electrical Engineering and Computer Sciences	24	5	3792	3806	0.63	https://doi.org/10.3906/elk-1502-198
797	Frasin, B. A.; Vijaya, K.; Kasthuri, M.	SECOND HANKEL DETERMINANT FOR A CERTAIN SUBCLASS OF ANALYTIC AND BI-UNIVALENT FUNCTIONS	TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS	7	2	185	199	0.61	http://static.bsu.az/w24/TWMS%20V7No2/pp185-199.pdf
798	Murugusundaramoorth G., Vijaya K., Porwal S.	Some inclusion results of certain subclass of analytic functions associated with Poisson distribution series	Hacettepe Journal of Mathematics and Statistics	45	4	1101	1107	0.61	https://doi.org/10.15672/HJMS.20164513110
799	Cho N.E., Murugusundaramoorthy G., Janani T.	Inclusion properties for certain subclasses of analytic functions associated with besel functions	Journal of Computational Analysis and Applications	20	1	81	90	0.6	http://www.eudoxuspress.com/images/VOLUME-20-JOCAA-2016-ISSUE-1.pdf#page=81
800	Saravanan D., Asharani I.V.	HPTLC analysis and in-vitro antioxidant, anti-inflammatory and antidiabetic activities of ethanol extract of leaves of Actinodaphne madraspatana Bedd	Pakistan Journal of Pharmaceutical Sciences	29	1	193	200	0.6	https://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=1011601X&AN=112303950&h=9BkwAaAwObcILOGtyHw8hTwKM0R6jM1XPZ1nxnOPcyhu8vfPTI9Q5J7qdC3DGAi0B%2fHcXDo%2fV3gPiE%2brtc%2fSPw%3d%3d&url=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhasurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d1011601X%26AN%3d112303950
801	Deepa N., Ganesan K.	Mahalanobis Taguchi system based criteria selection tool for agriculture crops	Sadhana - Academy Proceedings in Engineering Sciences	41	12	1407	1414	0.592	https://doi.org/10.1007/s12046-016-0569-5
802	Arivarasu M., Ramkumar K.D., Arivazhagan N.	Characterization of tensile strength and impact toughness of autogenous PCGTA weldments of aeronautical steel and austenitic stainless steel	Kovove Materialy	54	4	279	288	0.59	https://doi.org/10.4149/km_2016_4_279
803	Swathi G., Saravanan R.	A framework for efficient routing in MANET using index routing tables-based algorithms	Defence Science Journal	66	6	568	573	0.59	https://doi.org/10.14429/dsj.66.10796

804	Arumugam D., Logamani P., Karuppiah S.	Design and implementation of Claw pole alternator for aircraft application	Applied Computational Electromagnetics Society Journal	31	5	582	590	0.58	https://pdfs.semanticscholar.org/80b3/0210a07043bd33bc70f7b3dce278c54bd952.pdf?_ga=2.140959026.1418395627.1562671873-1605419912.1559135727
805	Sekar T., Aslam Abdullah M., Khushwant F., Tanishq P.	Novel approach to produce ultra low sulfur diesel fuel by non-hydrodesulfurization process coupled with bio-desulfurization technique to meet environmental standards	Journal of Environmental Biology	37	6	1451	1456	0.56	http://www.jeb.co.in/journal_iss ues/201611_nov16_spl/paper_08.pdf
806	Roopavathi K.V., Shanthakumar S.	Adsorption capacity of Curcuma longa for the removal of basic green 1 dye - Equilibrium, kinetics and thermodynamic study	Journal of Environmental Biology	37	5	979	984	0.56	http://www.jeb.co.in/journal_iss ues/201609_sep16/paper_17.pdf
807	Agilandeswari R., Prasad A.A., Sivaraman S., Kalainathan S., Meenakshisundaram S.P.	Hyperpolarizability, Hirshfeld, and density functional theory computations of a nonlinear optical picrate	Molecular Crystals and Liquid Crystals	625	1	238	252	0.56	https://doi.org/10.1080/15421406.2015.1069477
808	Vidhya S., Murari B.M.	Light-emitting diode based hand-held fluorescence detector for quantification of pyranine	Journal of Medical Devices, Transactions of the ASME	10	2	-	-	0.54	https://doi.org/10.1115/1.4033227
809	SanthaKumar R., Vidhya S.	Three-dimensional reconstruction of cone beam computed tomography using splines interpolation technique for dental application	Journal of Medical Devices, Transactions of the ASME	10	3	-	-	0.54	https://doi.org/10.1115/1.4033851
810	Allen Selvanayagam A., Harish Kumar R, Ganesh Prashanth A., Vidhya S.	Ultrasonic sensor-aided intelligent walking stick for visually impaired	Journal of Medical Devices, Transactions of the ASME	10	3	-	-	0.54	https://doi.org/10.1115/1.4033761
811	Abdullah M.A., Sekar T.	Enhanced removal of sulfur from diesel fuel using non-hydrodesulfurization technique coupled with ultrasound technique	Journal of Scientific and Industrial Research	75	4	258	261	0.534	http://nopr.niscair.res.in/bitstream/123456789/34059/1/JSIR%2075%284%29%20258-261.pdf
812	Pandian R., Vigneswaran T., Lalithakumari S.	Characterization of CT cancer lung image using image compression algorithms and feature extraction	Journal of Scientific and Industrial Research	75	12	747	751	0.534	http://nopr.niscair.res.in/bitstream/123456789/38167/1/JSIR%2075%2812%29%20747-751.pdf
813	Jayapragasan C.N., Reddy K.J.	Computational fluid dynamics modeling and experimental investigation of waste collection blower	Journal of Scientific and Industrial Research	75	10	638	642	0.534	http://nopr.niscair.res.in/bitstream/123456789/35576/1/JSIR%2075%2810%29%20638-642.pdf
814	Krishnan P.T., Balasubramanian P., Krishnan C.	Segmentation of brain regions by integrating meta heuristic multilevel threshold with markov random field	Current Medical Imaging Reviews	12	1	4	12	0.53	http://www.eurekaselect.com/134437/article

815	Sharmila A., Geethanjali P.	Detection of epileptic seizure from electroencephalogram signals based on feature ranking and best feature subset using mutual information estimation	Journal of Medical Imaging and Health Informatics	6	8	1850	1864	0.5	https://doi.org/10.1166/jmihi.2016.1938
816	Murugusundaramoorthy G., Thilagavathi K.	Majorization of starlike and convex functions of complex order involving linear operators	Mathematica Slovaca	66	1	127	134	0.49	https://doi.org/10.1515/ms-2015-0122
817	Jayachandran, Ashok D.	Neural network based approach for the generation of road feel in a steer-by-wire system	Engineering Journal	20	5	49	60	0.48	https://doi.org/10.4186/ej.2016.20.5.49
818	Vinayagapriya S., Sivasubramanian A.	Mitigation of PMD and PDL induced signal degradation using Levenberg-Marquardt algorithm	Optoelectronics and Advanced Materials, Rapid Communications	10	42891	447	452	0.45	
819	Kar V.R., Panda S.K., Mahapatra T.R.	Thermal buckling behaviour of shear deformable functionally graded single/doubly curved shell panel with TD and TID properties	Advances in Materials Research	5	4	205	221	0.43	https://doi.org/10.12989/amr.2016.5.4.205
820	Muthuchamy A., Raja Annamalai A., Ranka R.	Mechanical and electrochemical characterization of super-solidus sintered austenitic stainless steel (316L)	High Temperature Materials and Processes	36	3	305	305	0.43	https://doi.org/10.1515/htmp-2016-8787
821	Naine S.J., Devi C.S., Mohanasrinivasan V.	In vitro thrombolytic potential of bioactive compounds from marine Streptomyces sp. VITJS4 [Potencial trombolítico In vitro de compostos bioativos de Streptomyces marinhos sp. VITJS4]	Bioscience Journal	32	5	1314	1323	0.404	https://doi.org/10.14393/BJ-v32n1a2016-32683
822	Gunabalan R., Subbiah V.	Single inverter fed speed sensorless vector control of parallel connected two motor drive [Vektorsko upravljanje momentom bez korištenja senzora brzine za paralelno spojeni pogon s dva motora]	Automatika	57	2	416	427	0.4	https://doi.org/10.7305/automatika.60-1.1155
823	Annamalai A.R., Upadhyaya A., Agrawal D.	Effect of Ni3Al Addition and Heating Mode on the Electrochemical Response on Austenitic and Ferritic Stainless Steels	Powder Metallurgy and Metal Ceramics	55	42891	288	296	0.38	https://doi.org/10.1007/s11106-016-9804-1
824	Vairamuthu, S.; Anuncia, S. Margret	Reconnoitering Students' Satisfaction of an Online Based Assessment System to Improve Usability using PSO: An Examination into a Problem Solving and Programming Course	ENGINEERING TECHNOLOGY and APPLIED SCIENCE RESEARCH	6	5	1207	1211	0.34	https://etasr.com/index.php/ETASR/article/view/800
825	Vaithilingam M., Chandrasekaran S.D., Gupta S., Paul D., Sahu P., Selvaraj J.N., Babu V.	Extraction of Nattokinase Enzyme from Bacillus cereus Isolated from Rust	National Academy Science Letters	39	4	263	267	0.33	https://doi.org/10.1007/s40009-016-0476-7

826	Veena, S.; Swetha, D.; Karthik, L.; Gaurav, K.; Rao, Bhaskara K., V	Antibiofouling activity of marine actinobacterial mediated titanium dioxide nanoparticles	Indian Journal of Geo-Marine Sciences	45	4	583	590	0.289	https://www.researchgate.net/profile/Swetha_Damodharan/publication/262164672_Antibiofouling_Activity_of_Marine_Actinobacterial_mediated_Titanium_dioxide_Nanoparticles/links/57bfcca308aed246b0f7dc19.pdf
827	Kumar H., Sugumaran V., Amarnath M.	Fault diagnosis of bearings through sound signal using statistical features and bayes classifier	Journal of Vibrational Engineering and Technologies	4	2	87	96	0.25	https://www.researchgate.net/profile/Hemantha_Kumar2/publication/301887154_Fault_Diagnosis_of_Bearings_through_Sound_Signal_Using_Statistical_Features_and_Bayes_Classifier/links/572acac308ae2efbdbc257b/Fault-Diagnosis-of-Bearings-through-Sound-Signal-Using-Statistical-Features-and-Bayes-Classifier.pdf
828	Surendar A., Arun M.	FPGA based multi-level architecture for next generation DNA sequencing	Biomedical Research	2016	-	S75	S79	0.21	http://www.alliedacademies.org/articles/fpga-based-multilevel-architecture-for-next-generation-dna-sequencing.html
829	Venugopal S.	Hyperglycemic memory and its long term effects in diabetes	Biomedical Research	2016	Special Issue 1	S354	S361	0.21	http://www.alliedacademies.org/articles/hyperglycemic-memory-and-its-long-term-effects-in-diabetes.html
830	Kumar A., Shanthi V., Ramanathan K.	Management of crizotinib resistance in lung cancer using traditional plant source: An in silico strategies	Biomedical Research	27	3	794	800	0.21	http://www.biomedres.info/biomedical-research/management-of-crizotinib-resistance-in-lung-cancer-using-traditional-plant-source-an-in-silico-strategies.html
831	Dencelin L.X., Ramkumar T.	Analysis of multilayer perceptron machine learning approach in classifying protein secondary structures	Biomedical Research	2016	Special Issue 2	S166	S173	0.21	https://pdfs.semanticscholar.org/14a8/93a989e2f48d82f80a256a6a474b791c9b79.pdf?_ga=2.246370893.833654368.1561954423-295110896.1559128694

832	Nageswaran S., Ramanathan P.	Analysis of pressure relieving mechanisms for the prevention of decubitus ulcers	Biomedical Research	27	4	-	-	0.21	http://www.biomedres.info/bio-medical-research/analysis-of-pressure-relieving-mechanisms-for-the-prevention-of-decubitus-ulcers.html
833	Rajavel D., Shantharajah S.P.	Scrambling algorithm for encryption of text using cube rotation artificial intelligence technique	Biomedical Research	2016	Special Issue 2	S251	S256	0.21	https://pdfs.semanticscholar.org/1a63/be53b7ddc422107a9f4343eaa6cfe6732a70.pdf?_ga=2.55359528.243243294.1560759012-1605419912.1559135727
834	Ramesh N., Prasanth M., Ramkumar S., Suresh M., Tamhankar A.J., Gothandam K.M., Karthikeyan S., Bozdogan B.	Colistin susceptibility of gram-negative clinical isolates from Tamil Nadu, India	Asian Biomedicine	10	1	35	39	0.2	https://doi.org/10.5372/1905-7415.1001.462
835	Kadiyala, Nalinee Kanth; Mandal, Badal Kumar	Terminalia bellirica mediated one-pot green synthesis of reduced graphene oxide-silver nanoparticle (RGO/AgNP) nanocomposite and its catalytic activity towards p-nitrophenol reduction in water	Journal of the Indian Chemical Society	93	8	999	1007	0.16	https://www.researchgate.net/profile/Kadiyala_Nalinee_kanth/publication/309662266_Terminalia_bellirica_mediated_one-pot_green_synthesis_of_reduced_graphene_oxide-silver_nanoparticle_RGOAgNP_nanocomposite_and_its_catalytic_activity_towards_p-nitrophenol_reduction_in_water/links/5b16195b0f7e9bda0ffe1056/Terminalia-bellirica-mediated-one-pot-green-synthesis-of-reduced-graphene-oxide-silver-nanoparticle-RGO-AgNP-nanocomposite-and-its-catalytic-activity-towards-p-nitrophenol-reduction-in-water.pdf

836	Shivashankar, Muruges; Mandal, Badal Kumar; Uma, Kaliyapan	Effect of chitosan molecular weight of chitosan-citrate film on site specific In vitro release of ofloxacin	Journal of the Indian Chemical Society	93	9	1107	1114	0.16	https://www.researchgate.net/publication/332141199_Effect_of_chitosan_molecular_weight_of_chitosan-citrate_film_on_site_specific_in_vitro_release_of_Ofloxacin
837	Raju, C. S. K.; Sandeep, N.; Babu, M. Jayachandra	Stagnation Point Flow Towards Horizontal and Exponentially Stretching/Shrinking Cylinders	JOURNAL OF ADVANCED PHYSICS	5	3	207	213	0.07	https://doi.org/10.1166/jap.2016.1266
838	Kundu G.K., Bairi J.	Strategic management and innovation: A checklist for readiness evaluation of AACSB standards	Quality Assurance in Education	24	2	259	277	0.07	https://doi.org/10.1108/QAE-01-2015-0001
839	Reddy, M. Penchal; Ubaid, F.; Shakoor, R. A.; Mohamed, A. M. A.; Madhuri, W.	Structural and mechanical properties of microwave sintered Al-Ni50Ti50 composites	JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES	1	3	362	366	0.07	https://doi.org/10.1016/j.jsamd.2016.07.005