SELECTED PUBLICATIONS DURING - 2019

S. No.	Authors	Article_Title	Journal_Name	Vol_No	Issue_No	B_Page	P_Page	Impact_Fact	DOI
1	Gnanasekar S., Kollu P., Jeong S.K., Grace A.N.	Pt-free, low-cost and efficient counter electrode with carbon wrapped VO 2 (M) nanofiber for dye-sensitized solar cells	Scientific Reports	9	1	-	-	4.12	https://doi.org/10.1038/s41598-019-41693-1
2	Gnanavel V., Roopan S.M., Rajeshkumar S.	Aquaculture: An overview of chemical ecology of seaweeds (food species) in natural products	Aquaculture	507	-	1	6	3.02	https://doi.org/10.1016/j.aquaculture.2019.04.004
3	Yadav S., Nair S.S., Sai V.V.R., Satija J.	Nanomaterials based optical and electrochemical sensing of histamine: Progress and perspectives	Food Research International	119	-	99	109	3.52	https://doi.org/10.1016/j.foodres.2019.01.045
4	Jadhav G.R., Paira P.	Cytotoxic 2-(2â€²-Hydroxyphenyl)benzothiazolyl quinoline Analogues and their In Vitro Screening through Developmental Assays â€	ChemistrySelect	4	12	3524	3530	1.71	https://doi.org/10.1002/slct.201803618
5	Deepa S., Rajendrakumar K.	Luminol-Pendant Chemiluminescent Polymethacrylamide-Based Polymers for Peroxide Sensing in Live Cell Imaging.	ChemistrySelect	4	4	1158	1165	1.5	https://doi.org/10.1002/slct.201803354
6	Gopinath P.M., Saranya V., Vijayakumar S., Mythili Meera M., Ruprekha S., Kunal R., Pranay A., Thomas J., Mukherjee A., Chandrasekaran N.	Assessment on interactive prospectives of nanoplastics with plasma proteins and the toxicological impacts of virgin, coronated and environmentally released-nanoplastics	Scientific Reports	9	1	-	-	4.01	https://doi.org/10.1038/s41598-019-45139-6
7	Prakash B., Viswanathan V.	Distributed cat modeling based agile framework for software development	Sadhana - Academy Proceedings in Engineering Sciences	44	7	-	-	0.76	https://doi.org/10.1007/s12046-019-1150-9

8	Thirumoorthy K., Satishkumar G.	Enhanced Stability of Abundant Amorphous Iron (III) oxide Grafted AlSBA-15 as Highly Efficient Heterogeneous Fenton Catalyst for the Destruction of Phenol	ChemistrySelect	4	24	7388	7395	1.71	https://doi.org/10.1002/slct.201901510
9	Balakrishnan N., Shantharajah S.P.	Histogram-Equalized Hypercube Adaptive Linear Regression for Image Quality Assessment	Sadhana - Academy Proceedings in Engineering Sciences	44	7	-	-	0.76	https://doi.org/10.1007/s12046-019-1148-3
10	Ren Y., Zhu F., Qi J., Wang J., Sangaiah A.K.	Identity management and access control based on blockchain under edge computing for the industrial internet of things	Applied Sciences (Switzerland)	9	10	-	-	2.21	https://doi.org/10.3390/app9102058
11	Chen Y., Wang J., Chen X., Sangaiah A.K., Yang K., Cao Z.	Image super-resolution algorithm based on dual-channel convolutional neural networks	Applied Sciences (Switzerland)	9	11	-	-	2.21	https://doi.org/10.3390/app9112316
12	Chaves O.A., Sasidharan R., dosâ€,Santos de Oliveira C.H.C., Manju S.L., Joy M., Mathew B., Netto-Ferreira J.C.	In Vitro Study of the Interaction Between HSA and 4-Bromoindolylchalcone, a Potent Human MAO-B Inhibitor: Spectroscopic and Molecular Modeling Studies	ChemistrySelect	4	3	1007	1014	1.71	https://doi.org/10.1002/slct.201802665
13	Manikandan M., Sangeetha P.	Optimizing the Surface Properties of MgO Nanoparticles Towards the Transesterification of Glycerol to Glycerol Carbonate	ChemistrySelect	4	22	6672	6678	1.71	https://doi.org/10.1002/slct.201901298
14	Kandasamy W.B.V., Kandasamy I., Smarandache F.	Semi-idempotents in neutrosophic rings	Mathematics	7	6	-	-	1.1	https://doi.org/10.3390/math7060507

15	Gopi P., Lokesh R., Sarveswari S.	Synthesis of Quinoline Motif and Their Virtual HIV Protease Inhibition Analysis, Anti-Proliferative Probing on HCT116 Cell Line	ChemistrySelect	4	25	7627	7633	1.71	https://doi.org/10.1002/slct.201901231
16	Parimalarenganayaki S., Elango L., Schneider M.	Variations in Stable Isotopes of Oxygen and Hydrogen in Surface and Groundwater of a Managed Aquifer Recharge Site: A Case Study	Journal of the Geological Society of India	93	5	533	538	0.99	https://doi.org/10.1007/s12594-019-1214-9
17	S K Bhullar., Duygu Gazioglu Ruzgar., Giuseppino Fortunato., Ginpreet Kaur Aneja., Mehmet Orhan., Saeed Saber-samandari., Mojtaba Sadighi., Samad Ahadian., Murugan Ramalingam	A facile method for controlled fabrication of hybrid silver nanoparticle-poly(-caprolactone) fibrous constructs with antimicrobial properties	Journal of Nanoscience and Nanotechnology	19	11	6949	6955	1.09	https://www.ingentaconnect.com/content/asp/jnn/2019/00000019/00000011/art00011
18	Mohammed Imran., Ariful Rahaman., Soumen Pal	Effect of low concentration hollow glass microspheres on mechanical and thermomechanical properties of epoxy composites	Polymer Composites	-	-	-	-	2.27	https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25211
19	V K Manupati., Suraj Panigrahi., Muneeb Ahsan., Somnath Lahiri., Akshay Chandra., J J Thakkar., Goran Putnik., M L R Varel	Estimation of manufacturing systems degradation rate for residual life prediction through dynamic workload adjustment	Sadhana - Academy Proceedings in Engineering Sciences	-	-	-	-	0.76	https://link.springer.com/article/10.1007/s12046-018-0991-y

20	R. SelvaKumar., S.K. Ashok Kumar., Kari Vijayakrishna., Akell Sivaramakrishna., C.V.S.Brahmnanda Rao., N.Sivaraman., Suban K.Sahoo	Highly selective CHEF-type chemosensor for lutetium (III) recognition in semi-aqueous media	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	214	-	32	39	2.93	https://www.sciencedirect.com/science/article/pii/S1386142519301131
21	Vetriarasu Venkatesan., SelvaKumar R., S.K. Ashok Kumar., Suban K.Sahoo	Highly selective turn-on fluorogenic chemosensor for Zn2+ based on chelation enhanced fluorescence	Inorganic Chemistry Communications	102	-	171	179	1.8	https://www.sciencedirect.com/science/article/pii/S1387700319300760
22	Nagarajan Karthik., Ayalur Krishnamoorthy Parvathy., Rajagopalan Arul	Multiâ€Objective economic emission dispatch using interior search algorithm	International Transactions on Electrical Energy Systems	29	1	1	18	1.31	https://onlinelibrary.wiley.com/doi/abs/10.1002/etep.2683
23	Ankita Chatterjee., Jayanthi Abraham	Mycoremediation of 17 Î²â€Estradiol Using Trichoderma citrinoviride Strain AJAC3 along with Enzyme Studies	Environmental Progress and Sustainable Energy	-	-	1	9	1.6	https://onlinelibrary.wiley.com/doi/abs/10.1002/ep.13142
24	Arun Kumar Sangaiah., Mohsen Yaghoubi Suraki., Mehdi Sadeghilalimi., Seyed Mostafa Bozorgi., Ali Asghar Rahmani Hosseinabadi., Jin Wang	A New Meta-Heuristic Algorithm for Solving the Flexible Dynamic Job-Shop Problem with Parallel Machines	Symmetry	11	2	165	-	2.14	https://www.mdpi.com/2073-8994/11/2/165

25	Ponnusamy Ponmurugan., Balasubramanian Mythili Gnanamangai., Kolandaisamy Manjukarunambika	Architectural effect of different tea clones on the development of blister blight disease	Journal of Applied Botany and Food Quality	92	-	7	14	1.1	https://www.researchgate.net/profile/Mythili_Gnanamangai2/publication/330703044_Architectural_effect_of_different_tea_clones_on_the_development_of_blister_blight_disease/links/5c5020c1a6fdccd6b5d1ab1c/Architectural-effect-of-different-tea-clones-on-the-de
26	Shanmugam Karthik., Ramdas Sreedharan., Thirumanavelan Gandhi	A Straightforward Metal-Free and Mild Base Promoted Amidation and Transesterification via Acyl C-O bond Cleavage-An Expedite Synthesis of Aromatic Amides and Esters	CHEMISTRYSELECT	4	-	175	180	1.71	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201803105
27	Srinivasan Jayashree., Pavalam Murugavel., Ramanathan Sowdhamini., Narayanaswamy Srinivasan	Interface residues of transient protein-protein complexes have extensive intra-protein interactions apart from inter-protein interactions	Biology Direct	14	1	1	14	3.01	https://biologydirect.biomedcentral.com/articles/10.1186/s13062-019-0232-2
28	Leema George., Tamizhselvi Ramasamy., KNS Sirajudeen., Venkatraman Manickam	LPS-induced Apoptosis is Partially Mediated by Hydrogen Sulphide in RAW 264.7 Murine Macrophages	Journal Immunological Investigations	-	-	1	15	2.69	https://www.tandfonline.com/doi/full/10.1080/08820139.2019.1566355

29	Gaurav Khandelwal., Nirmal Prashanth Maria., Sangâå,¬Âae Kim., Arunkumar Chandrasekhar	Metalâ€“Organic Framework: A Novel Material for Triboelectric Nanogeneratorâ€“Based Selfâ€Powered Sensors and Systems	Advanced Energy Materials	-	-	1803581	1803581	24.88	https://onlinelibrary.wiley.com/doi/abs/10.1002/aenm.201803581
30	Kannappan Santhakumar., Valikala Viswanath	Novel Methods for Efficacy Testing of Disinfectantsâ€“Part I	Tenside Surfactants Detergents	56	1	14	24	0.748	https://www.hanser-elibrary.com/doi/abs/10.3139/113.110597
31	Mathew B., Baek SC., Thomas Parambi DG., Lee JP., Mathew GE., Jayanthi S., Vinod D., Rapheal C., Devikrishna V., Kondarath SS., Uddin MS., Kim H	Potent and highly selective dualâ€Targeting monoamine oxidaseâ€B inhibitors: Fluorinated chalcones of morpholine versus imidazole	Archiv der Pharmazie	-	-	1800309	1800309	2.15	https://onlinelibrary.wiley.com/doi/abs/10.1002/ardp.201800309
32	Venkatesh Veeramuthua., Raj Pethuru., Kannan K., Balakrishnan p	Precision centric framework for activity recognition using Dempster Shaffer theory and information fusion algorithm in smart environment	Journal of Intelligent and Fuzzy Systems	-	-	1	8	1.64	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169923
33	Madhawa Surendara., Balakrishnan P.b., Arumugam Umamakeswaria	Roll forward validation based decision tree classification for detecting data integrity attacks in industrial internet of things	Journal of Intelligent and Fuzzy Systems	-	-	1	12	1.64	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169946
34	AK Santra	Stochastic Multifacility Location Problem under Triangular Area Constraint with Squared Euclidean Norm	Journal of Scientific and Industrial Research	78	-	19	21	0.73	http://nopr.niscair.res.in/handle/123456789/45697

35	Madurantakam Royam M., Kumarasamy C., Baxi S., Gupta A., Ramesh N., Kodiveri Muthukaliannan G., Jayaraj R	Current Evidence on miRNAs as Potential Theranostic Markers for Detecting Chemoresistance in Colorectal Cancer: A Systematic Review and Meta-Analysis of Preclinical and Clinical Studies	Molecular Diagnosis and Therapy	23	1	65	82	3.06	https://europepmc.org/abstract/med/30726546
36	V.Raju., Selva KumarR., S.K.Ashok Kumara., Y.Tharakeswar., Suban K.Sahoo	Development of highly selective chemosensor for chomium (III) estimation in aqueous environment	Inorganic Chemistry Communications	101	-	74	80	1.8	https://www.sciencedirect.com/science/article/pii/S1387700318311298
37	Krishnav Biyani., Durgesh Kumar Tripathi., Jeong Hyun Lee., Sowbiya Muneer	Dynamic role of iron supply in amelioration of cadmium stress by modulating antioxidative pathways and peroxidase enzymes in mungbean	AoB PLANTS	-	-	-	-	2.27	https://academic.oup.com/aobpla/advance-article-abstract/doi/10.1093/aobpla/plz005/5307760
38	B ARULMURUGAN., KUNJAN MODI., AMRUTKAR PRANIT SANJAY., PATIL APURVA YASHWANT., N RICKWITH., C G MOHAN., P SUBRAMANI., M AGILAN., M MANIKANDAN	Effect of post-weld heat treatment on the microstructure and tensile properties of electron-beam-welded 21st century nickel-based super alloy 686	Sadhana - Academy Proceedings in Engineering Sciences	-	-	-	-	0.76	https://link.springer.com/article/10.1007/s12046-018-1047-z
39	Shrikant Patil., Leyana K Shaji., Rakesh R Panicker., Kari Vijayakrishna	Gentamicin Loaded PLGA based Biodegradable Material for Controlled Drug Delivery	Chemistry Select	4	28	8172	8177	1.72	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201900737

40	Jonathan Sampath Franklyne., L Andrew Ebenazer., Amitava Mukherjee., Chandrasekaran Natarajan	Cinnamon and clove oil nanoemulsions: novel therapeutic options against vancomycin intermediate susceptible Staphylococcus aureus	Applied Nanoscience			1	11	3.2	https://link.springer.com/article/10.1007/s13204-019-01111-4
41	A Alavudeen Basha., Vivekanandan S	Enhanced Optimal Insulin Regulation in Post-Operative Diabetic Patients: An Adaptive Cascade Control Compensation-Based Approach With Diabetic and Hypertension	IEEE Access	7		90973	90981	4.1	https://ieeexplore.ieee.org/abstract/document/8756189/authors#authors
42	Pooja Singh., Subramanian Babu., Purabi Mazumdar., Jennifer Ann Harikrishna	Sheath blight of rice: a review and identification of priorities for future research	Planta			1	21	3.06	https://link.springer.com/article/10.1007/s00425-019-03246-8
43	Vasantha Kandasamy W B., Florentin Smarandache., Ilanthenral Kandasamy	Neutrosophic Quadruple Vector Spaces and Their Properties	MATHEMATICS	7	8	758	758	1.1	https://www.mdpi.com/2227-7390/7/8/758
44	Duraisamy Saravanakumar., Thenmozhi K., Sellappan Senthilkumar., K Theyagarajan	Rationally designed naphthyl substituted amine functionalized ionic liquid platform for covalent immobilization and direct electrochemistry of hemoglobin	Scientific reports	9	1			4.01	https://www.nature.com/articles/s41598-019-46982-3

45	Lakshmi Narayan Mishra., Rifaqat Ali., Ramu Dubey	Special Class of Second-Order Non-Differentiable Symmetric Duality Problems with (G,Î±f)-Pseudobonvexity Assumptions	Mathematics	7	8	763	763	1.1	https://www.mdpi.com/2227-7390/7/8/763
46	Thirumoorthy K., Munirathinam Nethaji., Murugesan Sudharsan., Devarajan Suresh	Synthesis, Characterization and Theoretical Investigation on Thiazolineâ€Derived Palladiumâ€Complexesâ€Catalyzed Denitrogenative Crossâ€Coupling of Aryl Halides with Arylhydrazines	Chemistry Select	4	32	9253	9261	1.71	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201902137
47	M L Chenna Reddy., Nawaz Khan F., Vadivelu Saravanan	Synthesis of New Sulfoximineâ€Tethered Alkynones and Further Extension towards Metalâ€Free Synthesis of Pyrimidines, Amino Pyrimidines, Pyrazoles and Isoxazoles	Chemistry Select	4	33	9573	9577	1.71	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201902774
48	Jayaraj R., Madhav M R., Sabarimurugan S., Kumarasamy C., Shetty Ss., Gupta A., Baxi S	Key approaches to interpret the findings of a meta-analysis on role of chemotherapy in 5000 patients with head and neck cancer treated by curative surgery	Oral Oncology					3.73	https://www.ncbi.nlm.nih.gov/pubmed/31477427

49	Sankaranarayanan Gomathi Nayagam., Ananya Kar., Rama Jayaraj., Madurantakam Royam Madhav., Hina Mohammed., T Priyadharshini., Ajay Gupta., Siddhartha Baxi., Suja Swamiappan., Sunil Krishnan., Shubhangi Sathyakumar., Shanthi Sabarimurugan., Chellan Kumarasamy., K M Gothandam., N Ramesh., Maria Smiti	Clinical Theragnostic Relationship between Drug-Resistance Specific miRNA Expressions, Chemotherapeutic Resistance, and Sensitivity in Breast Cancer: A Systematic Review and Meta-Analysis	Cells	8	10	1	34	5.656	https://www.mdpi.com/2073-4409/8/10/1250
50	Chitrala Teja., Fazlur Rahman Nawaz Khan	Choline Chloride-Based Deep Eutectic Systems in Sequential Friedlaì‚nder Reaction and Palladium-Catalyzed sp3 CH Functionalization of Methyl Ketones	ACS Omega	4	5	8046	8055	2.58	https://pubs.acs.org/doi/pdf/10.1021/acsomega.9b00310
51	Ashok Kumar P., Don S	Link-Based Clustering Algorithm for Clustering Web Documents	Journal of Testing and Evaluation			1	13	0.71	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180497.htm

52	Sharu B K., George P Simon., Wenlong Cheng., Johann Zank., Kei Saito., Arup R Bhattacharyya	Effect of Organic Modification on Multiwalled Carbon Nanotube Dispersions in Highly Concentrated Emulsions	ACS Omega	4		6647	6659	2.58	https://pubs.acs.org/doi/abs/10.1021/acsomega.8b03179
53	K V Kanimozhi., Rajakumar K., M Venkatesan	An enlarged map-reduce using 2logmean-PSO optimization for unstructured data	The International Journal of Electrical Engineering & Education					0.94	https://journals.sagepub.com/doi/abs/10.1177/0020720919894192
54	Abhilash Yellala., Vijay Kumar., Kjell Arild Hogda	Bara Shigri and Chhota Shigri glacier velocity estimation in western Himalaya using Sentinel-1 SAR data	International Journal of Remote Sensing	-	-	1	14	2.49	https://www.tandfonline.com/doi/abs/10.1080/01431161.2019.1584685
55	MS Aruna Gandhi., Suoda Chu., K Senthilnathan., P Ramesh Babu., K Nakkeeran., Qian Li	Recent Advances in Plasmonic Sensor-Based Fiber Optic Probes for Biological Applications	Applied Sciences (Switzerland)	9	5	-	-	2.21	https://www.mdpi.com/2076-3417/9/5/949
56	P Gopi., Kiran Yarrakula., YRS Rao	Thresholding technique for flood extent mapping using dual polarization ENVISAT ASAR data	Indian journal of Geo Marine Sciences	48	3	363	368	0.301	http://nopr.niscair.res.in/bitstream/123456789/47038/1/IJMS%2048%283%29%20363-368.pdf
57	Ninad V Puranik., Pratibha Srivastava., Gaurav Bhatt., Dixcy Jaba Sheeba John Mary., Anil M Limaye., Jayanthi Sivaraman	Determination and analysis of agonist and antagonist potential of naturally occurring flavonoids for estrogen receptor (ERÎ±) by various parameters and molecular modelling approach	Scientific Reports	9	1	-	-	4.12	https://www.nature.com/articles/s41598-019-43768-5
58	Florentina Priyangini Francis., Ramalingam Chidambaram	Hybrid hydrogel dispersed low fat and heat resistant chocolate	Journal of Food Engineering	256	-	9	17	3.19	https://www.sciencedirect.com/science/article/abs/pii/S0260877419301104#!

59	Azeemullah A Syed., Kalkooru L Venkatraman., Alka Mehta	An anticoagulant peptide from Porphyra yezoensis inhibits the activity of factor XIIa: In vitro and in silico analysis	Journal of Molecular Graphics and Modelling	39	-	225	233	1.88	https://www.sciencedirect.com/science/article/pii/S1093326318309483
60	Ankita Paul., Krithiga Subramanian., Sujitha Nachinarkiniyan	PV-based off-board electric vehicle battery charger using BIDC	Turkish Journal of Electrical Engineering And Computer Sciences	-	-	1	16	0.63	http://online.journals.tubitak.gov.tr/openInPressDocument.htm?fileID=1160661&no=204463&fileType=Report%20Document
61	Shrutika S Sawant., Prabukumar Manoharan	New framework for hyperspectral band selection using modified wind-driven optimization algorithm	International Journal of Remote Sensing	-	-	1	22	2.49	https://www.tandfonline.com/doi/abs/10.1080/01431161.2019.1607609?journalCode=tres20
62	Nagaveni C., Kumar K.P., Ravibabu M.V.	Evaluation of TanDEMx and SRTM DEM on watershed simulated runoff estimation	Journal of Earth System Science	128	1	-	-	0.89	https://doi.org/10.1007/s12040-018-1035-z
63	Senthilnathan K., Annapoorani I.	Multi-port current source inverter for smart microgrid applications: A cyber physical paradigm	Electronics (Switzerland)	8	1	-	-	1.76	https://doi.org/10.3390/electronics8010001
64	Rijin K., Sudha K., Vineesh P.J., Anilkumar G.	Seasonal variation in the occurrence of parasitic isopods and copepods (Crustacea) infecting the clupeidaen fishes of Malabar Coast, India	Turkish Journal of Fisheries and Aquatic Sciences	19	3	241	249	0.48	https://doi.org/10.4194/1303-2712-v19_03_07
65	Soowannayan C., Chandra Teja D.N., Yatip P., Mazumder F.Y., Krataitong K., Unagul P., Suetrong S., Preedanon S., Klaysuban A., Sakayaroj J., Sangtiean T.	Vibrio biofilm inhibitors screened from marine fungi protect shrimp against acute hepatopancreatic necrosis disease (AHPND)	Aquaculture	499	-	1	8	2.71	https://doi.org/10.1016/j.aquaculture.2018.09.004

66	Chu S., Nakkeeran K., Abobaker A.M., Aphale S.S., Babu P.R., Senthilnathan K.	Design and analysis of surface-plasmon-resonance-based photonic quasi-crystal fiber biosensor for high-refractive-index liquid analytes	IEEE Journal of Selected Topics in Quantum Electronics	25	2	-	-	3.36	https://doi.org/10.1109/JSTQE.2018.2873481
67	Suchintan Mishra., Manmath Narayan Sahoo., Arun Kumar Sangaiah., Sambit Bakshi	Nature-inspired cost optimisation for enterprise cloud systems using joint allocation of resources	Enterprise Information Systems	-	-	1	23	2.12	https://www.tandfonline.com/doi/abs/10.1080/17517575.2019.1605001?journalCode=teis20
68	Walia N., Dasgupta N., Ranjan S., Ramalingam C., Gandhi M.	Methods for nanoemulsion and nanoencapsulation of food bioactives	Environmental Chemistry Letters	-	-	-	-	4.62	https://doi.org/10.1007/s10311-019-00886-w
69	Niharika Walia., Nandita Dasgupta., Shivendu Ranjan., Chidambaram Ramalingam., Mansi Gandhi	Food-grade nanoencapsulation of vitamins	Environmental Chemistry Letters	-	-	1	12	4.62	https://link.springer.com/article/10.1007/s10311-018-00855-9
70	Mohan Annamalai., Kalaichelvan G	Enhanced bioleaching of copper from circuit boards of computer waste by Acidithiobacillus ferrooxidans	Environmental Chemistry Letters			1	7	4.62	https://link.springer.com/article/10.1007/s10311-019-00911-y
71	Nandita Dasgupta., Shivendu Ranjan., Mansi Gandhi	Nanoemulsions in food: market demand	Environmental Chemistry Letters	-	-	1	7	4.62	https://link.springer.com/article/10.1007/s10311-019-00856-2
72	Jayachandra R., Reddy S.R., Lakshmipathy R.	D-Galactose based hydrophobic ionic liquid: A new adsorbent for the removal of Cd 2+ ions from aqueous solution	Environmental Progress and Sustainable Energy	38	-	-	-	1.6	https://doi.org/10.1002/ep.12948

73	Yendaluru R.S., Karthikeyan G., Jaishankar A., Babu S.	Techno-economic feasibility analysis of integrating grid-tied solar PV plant in a wind farm at Harapanahalli, India	Environmental Progress and Sustainable Energy	-	-	-	-	1.6	https://doi.org/10.1002/ep.13374
74	Prince J Isaac., Sivakumar Amaravadi., Kamil MSM., Cheralathan KK., Lakshmipathy R	Synthesis of zeolite/activated carbon composite material for the removal of lead (II) and cadmium (II) ions	Environmental progress & sustainable energy	-	-	-	-	1.6	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13246
75	Vignesh Thiagarajan., Lokeshwari Natarajan., Seenivasan R., Chandra Sekaran N., Amitava Mukherjee	Tetracycline affects the toxicity of P25 n-TiO2 towards marine microalgae Chlorella sp	Environmental Research	179				5.03	https://www.sciencedirect.com/science/article/pii/S001393511930605X
76	Kirankumar V.S., Sumathi S.	Copper and cerium co-doped cobalt ferrite nanoparticles: structural, morphological, optical, magnetic, and photocatalytic properties	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-019-05286-9
77	Thiagarajan V., Ramasubbu S., Natarajan C., Mukherjee A.	Differential sensitivity of marine algae Dunaliella salina and Chlorella sp. to P25 TiO2 NPs	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-019-05332-6
78	Gnanaprakkasam S., Ganapathy G.P.	Evaluation of regional flood quantiles at ungauged sites by employing nonlinearity-based clustering approaches	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-019-05473-8
79	Bragadeshwaran A., Kasianantham N., Kaisan M.U., Reddy D.M.S., Aravind K.M., Paul N., Ali I.M., Jose A., Chungath T.	Influence of injection timing and exhaust gas recirculation (EGR) rate on lemon peel oilâ€“fuelled CI engine	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-019-05369-7

80	Surampudi S., Yarrakula K.	Mapping and assessing spatial extent of floods from multitemporal synthetic aperture radar images: a case study on Brahmaputra River in Assam State, India	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-019-06849-6
81	Akula Naresh Kumar., Pisipaty Srinivas Kishore., Kalidindi Brahma Raju., Nanthagopal Kasianantham., Ashok Bragadeshwaran	Engine parameter optimization of palm oil biodiesel as alternate fuel in CI engine	Environmental Science and Pollution Research	-	-	1	25	2.91	https://link.springer.com/article/10.1007/s11356-018-04084-z
82	Thangaraja Jeyaseelan., Vignesh Srinivasan	Techno-economic assessment of coconut biodiesel as a potential alternative fuel for compression ignition engines	Environmental Science and Pollution Research	-	-	1	15	2.91	https://link.springer.com/article/10.1007/s11356-018-04096-9
83	Chinmoy Deb., Bonny Thawani., Sujith Menon., Varun Gore., Vijayalakshmi Chellappan., Shivendu Ranjan., Mahesh Ganesapillai	Design and analysis for the removal of active pharmaceutical residues from synthetic wastewater stream	Environmental Science and Pollution Research	-	-	1	13	2.91	https://link.springer.com/article/10.1007/s11356-019-05070-9
84	Kavitha Muniswamy Sambasivam., Murugavelh S	Optimisation, experimental validation and thermodynamic study of the sequential oil extraction and biodiesel production processes from seeds of Sterculia foetida	Environmental Science and Pollution Research			1	14	2.91	https://doi.org/10.1007/s11356-019-06214-7

85	Velu Iswarya., Abirami Palanivel., Natarajan Chandrasekaran., Amitava Mukherjee	Toxic effect of different types of titanium dioxide nanoparticles on Ceriodaphnia dubia in a freshwater system	Environmental Science and Pollution Research	-	-	1	16	2.91	https://link.springer.com/article/10.1007/s11356-019-04652-x
86	Palakuru M., Yarrakula K., Chaube N.R., Sk K.B., Satyaji Rao Y.R.	Identification of paddy crop phenological parameters using dual polarized SCATSAT-1 (ISRO, India) scatterometer data	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-018-3692-5
87	Vaishnu Devi D., Viswanathan P.	Sulphated polysaccharide from Sargassum myriocystum confers protection against gentamicin-induced nephrotoxicity in adult zebrafish	Environmental Toxicology and Pharmacology	72	-	-	-	3.06	https://doi.org/10.1016/j.etap.2019.103269
88	Anita Angeline A., Kanchana Bhaaskaran V.S.	High speed wide fan-in designs using clock controlled dual keeper domino logic circuits	ETRI Journal	-	-	-	-	0.86	https://doi.org/10.4218/etrij.2018-0313
89	Prakash Duraisamy., Guga Priya G., Anitha Karthikeyan., Lakshmi B	Fractional-order chaotic system with hyperbolic function	Advances in Mechanical Engineering	11	8	1	17	1.02	https://journals.sagepub.com/doi/pdf/10.1177/1687814019872581
90	Seyyed Mohammad Hosseini Rostami., Arun Kumar Sangaiah., Jin Wang., Xiaozhu Liu	Obstacle avoidance of mobile robots using modified artificial potential field algorithm	Eurasip Journal on Wireless Communications and Networking	2019	1	70	70	1.59	https://link.springer.com/article/10.1186/s13638-019-1396-2

91	Sunke R., Bankala R., Thirupataiah B., Ramarao E.V.V.S., Kumar J.S., Doss H.M., Medishetti R., Kulkarni P., Kapavarapu R.K., Rasool M., Mudgal J., Mathew J.E., Shenoy G.G., Parsa K.V.L., Pal M.	InCl 3 mediated heteroarylation of indoles and their derivatization via C[sbnd]H activation strategy: Discovery of 2-(1H-indol-3-yl)-quinoxaline derivatives as a new class of PDE4B selective inhibitors for arthritis and/or multiple sclerosis	European Journal of Medicinal Chemistry	-	-	198	215	4.83	https://doi.org/10.1016/j.ejmech.2019.04.020
92	Muthuraman Subramani., Saravanakumar Rajendran	Mild, Metalâ€Free and Protectionâ€Free Transamidation of Nâ€Acylâ€2â€piperidones to Amino acids, Amino alcohols and Aliphatic Amines and Esterification of Nâ€Acylâ€2â€piperidones	European Journal of Organic Chemistry	-	-	-	-	3.03	https://onlinelibrary.wiley.com/doi/abs/10.1002/ejoc.201900517
93	Renu K., Sruthy K.B., Parthiban S., Sugunapriyadharshini S., George A., P.B. T.P., Suman S., Abilash V.G., Arunachalam S.	Elevated lipolysis in adipose tissue by doxorubicin via PPARÎ± activation associated with hepatic steatosis and insulin resistance	European Journal of Pharmacology	843	-	162	176	3.17	https://doi.org/10.1016/j.ejphar.2018.11.018
94	Renu K., Sruthy K.B., Parthiban S., Sugunapriyadharshini S., George A., P.B. T.P., Suman S., Abilash V.G., Arunachalam S.	Elevated lipolysis in adipose tissue by doxorubicin via PPARÎ± activation associated with hepatic steatosis and insulin resistance	European Journal of Pharmacology	-	-	162	176	3.17	https://doi.org/10.1016/j.ejphar.2018.11.018
95	Vijaya Geetha R., Kalaivani S.	Laplacian pyramid-based change detection in multitemporal SAR images	European Journal of Remote Sensing	52	1	463	483	1.9	https://doi.org/10.1080/22797254.2019.1640077

96	Manimegalai K., Zephania C F S., Bera P.K., Bera P., Das S.K., Sil T.	Study of strongly nonlinear oscillators using the Aboodh transform and the homotopy perturbation method	European Physical Journal Plus	134	9	-	-	2.61	https://doi.org/10.1140/epjp/i2019-12824-6
97	Rathinavel Silambarasan., Haci Mehmet Baskonus., Hasan Bulut	Jacobi elliptic function solutions of the double dispersive equation in the Murnaghan's rod	European Physical Journal Plus	134	3	-	-	2.61	https://link.springer.com/article/10.1140/epjp/i2019-12541-2
98	Sivaraj R., Benazir A.J., Srinivas S., Chamkha A.J.	Investigation of cross-diffusion effects on Casson fluid flow in existence of variable fluid properties	European Physical Journal: Special Topics	228	1	35	53	1.66	https://doi.org/10.1140/epjst/e2019-800187-3
99	Thameem Basha H., Sivaraj R., Subramanyam Reddy A., Chamkha A.J.	SWCNH/diamond-ethylene glycol nanofluid flow over a wedge, plate and stagnation point with induced magnetic field and nonlinear radiation â€“ solar energy application	European Physical Journal: Special Topics	228	12	2531	2551	1.66	https://doi.org/10.1140/epjst/e2019-900048-x
100	Rushi Kumar B., Kumaran G., Sivaraj R., Subramanyam Reddy A., Vallampati Ramachandra Prasad	Hydromagnetic forced convective flow of Carreau nanofluid over a wedge/plate/stagnation of the plate	European Physical Journal: Special Topics	228	12	2647	2659	1.66	https://link.springer.com/article/10.1140/epjst/e2019-900069-2
101	Rammohan A., Ramesh Kumar C	Liquid cooling system for a high power light emitting diode of an automotive headlamp and its effect on light intensity	European Physical Journal: Special Topics	228	12	2495	2509	1.66	https://link.springer.com/article/10.1140/epjst/e2019-900066-8
102	K Vajravelu., Lakshmi Narayana Pallavarapu., G Sucharitha	Effect of heat and mass transfer on the peristaltic flow of a Jeffrey nanofluid in a tapered flexible channel in the presence of aligned magnetic field	European Physical Journal: Special Topics	228	12	2713	2728	1.66	https://link.springer.com/article/10.1140/epjst/e2019-900067-2

103	Santo Banerjee., Rushi Kumar B	Transport properties of nanofluids and applications	European Physical Journal: Special Topics	228	12	2491	2494	1.66	https://link.springer.com/content/pdf/
104	Hoon Choi., Yuvaraj Purushothaman., Jamie Baisden., Narayan Yoganandan	Unique biomechanical signatures of Bryan, Prodisc C, and Prestige LP cervical disc replacements: a finite element modelling study	European Spine Journal			1	9	2.51	https://link.springer.com/article/10.1007/s00586-019-06113-y
105	John Lilly Jimmy., Subramanian Babu	Variations in the Structure and Evolution of Rice WRKY Genes in Indica and Japonica Genotypes and their Co-expression Network in Mediating Disease Resistance	Evolutionary Bioinformatics	15	-	-	-	2.2	https://journals.sagepub.com/doi/full/10.1177/1176934319857720
106	Benchoula K., Khatib A., Jaffar A., Ahmed Q.U., Sulaiman W.M.A.W., Wahab R.A., El-Seedi H.R.	The promise of zebrafish as a model of metabolic syndrome	Experimental Animals	68	4	407	416	1.21	https://doi.org/10.1538/expanim.18-0168
107	P PA., V Rajamohan., AT Mathew	Material and Mechanical Characterization of Multi-Functional Carbon Nanotube Reinforced Hybrid Composite Materials	Experimental Techniques	-	-	1	14	0.78	https://link.springer.com/article/10.1007/s40799-019-00316-0
108	Abdullah A., Talwar P., d'Hellencourt C.L., Ravanan P.	IRE1Î± is critical for Kaempferol-induced neuroblastoma differentiation	FEBS Journal	286	7	1375	1392	4.74	https://doi.org/10.1111/febs.14776
109	Alok Kumar Mishra., Shravanthi S Kumar., Asit Ranjan Ghosh	Probiotic Enterococcus faecalis AG5 effectively assimilates cholesterol and produces fatty acids including propionate	FEMS Microbiology Letters	-	-	-	-	1.99	https://academic.oup.com/femsle/advance-article-abstract/doi/10.1093/femsle/fnz039/5322162

110	Anand K.T., Rajan A.J., Bapu B.R.R.	Development of a method to compute the overall key performance index for a spinning mill to aid supply chain management	Fibres and Textiles in Eastern Europe	27	6	20	26	0.68	https://doi.org/10.5604/01.3001.0013.2363
111	D Thirumal Kumar., B Susmita., E Judith., J Priyadharshini Christy., C George Priya Doss., Hatem Zayed	Elucidating the role of interacting residues of the MSH2-MSH6 complex in DNA repair mechanism: A computational approach	Advances in Protein Chemistry and Structural Biology	115	-	325	350	3.78	https://books.google.co.in/books?hl=en&lr=&id=O8OJDwAAQBAJ&oi=fnd&pg=PA325&dq=%22VIT+University%22+OR+%22+VIT+Univ%22+OR+%22Vellore+Institute%22+OR+%22Vellor+Institute%22+OR+%22Vellore+Engineering%22+OR+%22Vellur+Engineering%22+OR+%22Vellur+Engg%22+OR+%22
112	Thirumal Kumar D., Iyer S., Christy J.P., Siva R., Tayubi I.A., George Priya Doss C., Zayed H.	A comparative computational approach toward pharmacological chaperones (NN-DNJ and ambroxol) on N370S and L444P mutations causing Gaucher's disease	Advances in Protein Chemistry and Structural Biology	114	-	315	339	3.78	https://doi.org/10.1016/bs.apcsb.2018.10.002
113	Thirumal Kumar D., Mendonca E., Priyadharshini Christy J., George Priya Doss C., Zayed H.	A computational model to predict the structural and functional consequences of missense mutations in O6-methylguanine DNA methyltransferase	Advances in Protein Chemistry and Structural Biology	-	-	-	-	3.78	https://doi.org/10.1016/bs.apcsb.2018.11.006

114	Thirumal Kumar D., Judith E., Priyadharshini Christy J., Siva R., Tayubi I.A., Chakraborty C., George Priya Doss C., Zayed H.	Computational and modeling approaches to understand the impact of the Fabry's disease causing mutation (D92Y) on the interaction with pharmacological chaperone 1-deoxygalactonojirimycin (DGJ)	Advances in Protein Chemistry and Structural Biology	114	-	341	407	3.78	https://doi.org/10.1016/bs.apcsb.2018.10.009
115	Rubeena A.S., Divya M., Vaseeharan B., Karthikeyan S., Ringø E., Preetham E.	Antimicrobial and biochemical characterization of a C-type lectin isolated from pearl spot (Etroplus suratensis)	Fish and Shellfish Immunology	87	-	202	211	3.3	https://doi.org/10.1016/j.fsi.2018.12.070
116	Mathiyalagan S., Mandal B.K., Ling Y.-C.	Determination of synthetic and natural colorants in selected green colored foodstuffs through reverse phase-high performance liquid chromatography	Food Chemistry	278	-	381	387	5.4	https://doi.org/10.1016/j.foodchem.2018.11.077
117	Udhaya Kumar S., Thirumal Kumar D., Siva R., George Priya Doss C., Zayed H.	Integrative bioinformatics approaches to map potential novel genes and pathways involved in ovarian cancer	Frontiers in Bioengineering and Biotechnology	7	-	-	-	5.12	https://doi.org/10.3389/fbioe.2019.00391

118	Vijayalakshmi Shankar., Shalini Palani., Gokul Raghavendra Srinivasan., Ranjitha Jambulingam	Effect of Dominant Fatty Acid Esters on Emission Characteristics of Waste Animal Fat Biodiesel in CI Engine	Frontiers in Energy	7	6			1.7	https://www.researchgate.net/profile/Gokul_Srinivasan2/publication/334625508_Effect_of_Dominant_Fatty_Acid_Esters_on_Emission_Characteristics_of_Waste_Animal_Fat_Biodiesel_in_CI_Engine/links/5d36c49c4585153e59197fcd/Effect-of-Dominant-Fatty-Acid-Esters-on-Emission-Characteristics-of-Waste-Animal-Fat-Biodiesel-in-CI-Engine.pdf
119	Zou Q., Sangaiah A.K., Mrozek D.	Editorial: Machine Learning Techniques on Gene Function Prediction	Frontiers in Genetics	10	-	-	-	3.52	https://doi.org/10.3389/fgene.2019.00938
120	Prasanth Manohar., Cecilia Stalsby Lundborg., Ashok J. Tamhankar., Ramesh Nachimuthu	Therapeutic Characterization and Efficacy of Bacteriophage Cocktails Infecting Escherichia coli, Klebsiella pneumoniae and Enterobacter species	Frontiers in Microbiology	-	-	-	-	4.26	https://www.frontiersin.org/articles/10.3389/fmicb.2019.00574/abstract
121	Ramesh A., Ashok B., Nanthagopal K., Ramesh Pathy M., Tambare A., Mali P., Phuke P., Patil S., Subbarao R.	Influence of hexanol as additive with Calophyllum Inophyllum biodiesel for CI engine applications	Fuel	-	-	472	485	5.13	https://doi.org/10.1016/j.fuel.2019.03.072
122	Susanth Kishna R., Nanthagopal K., Ashok B., Srinath R., Pranava Kumar M., Bhowmick P.	Investigation on pilot injection with low temperature combustion of Calophyllum inophyllum biodiesel fuel in common rail direct injection diesel engine	Fuel	258	-	-	-	5.13	https://doi.org/10.1016/j.fuel.2019.116144

123	Sudan Reddy Dandu M., Nanthagopal K.	Tribological aspects of biofuels â€“ A review	Fuel	258	-	-	-	5.13	https://doi.org/10.1016/j.fuel.2019.116066
124	Karthickeyan V., Thiyagarajan S., Geo V.E., Ashok B., Nanthagopal K., Chyuan O.H., Vignesh R.	Simultaneous reduction of NOx and smoke emissions with low viscous biofuel in low heat rejection engine using selective catalytic reduction technique	Fuel	255	-	-	-	5.13	https://doi.org/10.1016/j.fuel.2019.115854
125	Rajkumar S., Thangaraja J.	Effect of biodiesel, biodiesel binary blends, hydrogenated biodiesel and injection parameters on NOx and soot emissions in a turbocharged diesel engine	Fuel	-	-	101	118	5.13	https://doi.org/10.1016/j.fuel.2018.11.141
126	Gowtham M., Mohan C.G., Prakash R.	Effect of n-butanol fumigation on the regulated and unregulated emission characteristics of a diesel engine	Fuel	242	-	84	95	5.13	https://doi.org/10.1016/j.fuel.2019.01.019
127	Nanthagopal K., Ashok B., Saravanan B., Ramesh Pathy M., Sahil G., Ramesh A., Nurun Nabi M., Golam Rasul M.	Study on decanol and Calophyllum Inophyllum biodiesel as ternary blends in CI engine	Fuel	-	-	862	873	5.13	https://doi.org/10.1016/j.fuel.2018.11.037
128	Ashok B., Nanthagopal K., Saravanan B., Azad K., Patel D., Sudarshan B., Aaditya Ramasamy R.	Study on isobutanol and Calophyllum inophyllum biodiesel as a partial replacement in CI engine applications	Fuel	235	-	984	994	5.13	https://doi.org/10.1016/j.fuel.2018.08.087

129	M. Sankari., H. Hridya., P. Sneha., C. George Priya Doss., J. Godwin Christopher., Jill Mathew., Hatem Zayed., Siva Ramamoorthy	Implication of salt stress induces changes in pigment production, antioxidant enzyme activity, and qRT-PCR expression of genes involved in the biosynthetic pathway of Bixa orellana L	Functional and Integrative Genomics	-	-	1	10	2.75	https://link.springer.com/article/10.1007/s10142-019-00654-7
130	Hyde K.D., Xu J., Rapior S., Jeewon R., Lumyong S., Niego A.G.T., Abeywickrama P.D., Aluthmuhandiram J.V.S., Brahamanage R.S., Brooks S., Chaiyasen A., Chethana K.W.T., Chomnunti P., Chepkirui C., Chuankid B., de Silva N.I., Doilom M., Faulds C., Gentekak	The amazing potential of fungi: 50 ways we can exploit fungi industrially	Fungal Diversity	97	1	-	-	15.6	https://doi.org/10.1007/s13225-019-00430-9
131	S R P., Arumugam S.K., Gangradey R., Mukherjee S., Kasthurirengan S., Behera U., Pabbineedi G., M M.	CFD modelling and performance analysis of a twin screw hydrogen extruder	Fusion Engineering and Design	138	-	151	158	1.46	https://doi.org/10.1016/j.fusengdes.2018.11.014

132	Dourado C.M.J.M., Junior, da Silva S.P.P., da Nóbrega R.V.M., Barros A.C.S., Sangaiah A.K., Rebouças Filho P.P., de Albuquerque V.H.C.	A new approach for mobile robot localization based on an online IoT system	Future Generation Computer Systems	100	-	859	881	5.77	https://doi.org/10.1016/j.future.2019.05.074
133	Navarro, Javier; Doctor, Faiyaz; Zamudio, Victor; Iqbal, Rahat; Sangaiah, Arun Kumar; Lino, Carlos	Fuzzy adaptive cognitive stimulation therapy generation for Alzheimer's sufferers: Towards a pervasive dementia care monitoring platform (vol 88, pg 479, 2018)	Future Generation Computer Systems	93	-	1074	1075	5.77	https://doi.org/10.1016/j.future.2018.08.046
134	Sandeep Pirbhulal., Oluwarotimi WilliamsSamuel., WanqingWu., Arun KumarSangaiah., GuanglinLi	A joint resource-aware and medical data security framework for wearable healthcare systems	Future Generation Computer Systems	95	-	382	391	5.77	https://www.sciencedirect.com/science/article/pii/S0167739X18315474
135	Jayaraj R., Kumarasamy C., Gothandam K.M., Baxi S.	Letter to the Editor regarding, â€œMIR196A2 rs11614913 contributes to susceptibility to colorectal cancer in Iranian population: A multi-center case-control study and meta-analysisâ€	Gene	696	-	234	-	2.64	https://doi.org/10.1016/j.gene.2019.02.042

136	Gopinath C., Chodisetty S., Ghosh A., Nelson E.J.R.	Efficiency of different fragment lengths of the ubiquitous chromatin opening element HNRPA2B1-CBX3 in driving human CD18 gene expression within self-inactivating lentiviral vectors for gene therapy applications	Gene	710	-	265	272	2.64	https://doi.org/10.1016/j.gene.2019.06.016
137	Patil V., Mahalingam K.	Comprehensive analysis of Reverse Phase Protein Array data reveals characteristic unique proteomic signatures for glioblastoma subtypes	Gene	685	-	85	95	2.64	https://doi.org/10.1016/j.gene.2018.10.069
138	Senthil Rajan V., Sanjay R., Kumaravel S., Venkataramani B.	Area and power efficient flipped voltage follower based symmetrical floating impedance scaler with improved accuracy for fully differential filters	AEU - International Journal of Electronics and Communications	106	-	116	125	2.85	https://doi.org/10.1016/j.aeue.2019.04.025
139	Bhuvana B.P., Kanchana Bhaaskaran V.S.	Design and analysis of IPAL for ultra low power CRC architecture for applications in IoT based systems	AEU - International Journal of Electronics and Communications	108	-	127	140	2.85	https://doi.org/10.1016/j.aeue.2019.06.012
140	Mohammad Saadh A.W., Poonkuzhali R.	A compact CPW fed multiband antenna for WLAN/INSAT/WPAN applications	AEU - International Journal of Electronics and Communications	109	-	128	135	2.85	https://doi.org/10.1016/j.aeue.2019.07.007
141	Gudla V.V., Kumaravelu V.B.	Permutation index-quadrature spatial modulation: A spectral efficient spatial modulation for next generation networks	AEU - International Journal of Electronics and Communications	111	-	-	-	2.85	https://doi.org/10.1016/j.aeue.2019.152917
142	Rajeshkumar V., Rengasamy R., Naidu P.V., Kumar A.	A compact meta-atom loaded asymmetric coplanar strip-fed monopole antenna for multiband operation	AEU - International Journal of Electronics and Communications	98	-	241	247	2.85	https://doi.org/10.1016/j.aeue.2018.10.011

143	Suriya I., Anbazhagan R.	Inverted-A based UWB MIMO antenna with triple-band notch and improved isolation for WBAN applications	AEU - International Journal of Electronics and Communications	99	-	25	33	2.85	https://doi.org/10.1016/j.aeue.2018.11.030
144	S Vigneshwaran., Vasantha Kumar S	Comparison of classification methods for urban green space extraction using very high resolution worldview-3 imagery	Geocarto International			1	14	2.37	https://www.tandfonline.com/doi/abs/10.1080/10106049.2019.1665714
145	Venkatesh Budamala., Amit Baburao Mahindrakar	Enhance the Prediction of Complex Hydrological Models by Pseudo Simulators	Geocarto International	-	-	1	13	2.37	https://www.tandfonline.com/doi/abs/10.1080/10106049.2019.1629646
146	Fowsiya J., Asharani I.V., Mohapatra S., Eshapula A., Mohi P., Thakar N., Monad S., Madhumitha G.	Aegle marmelos phytochemical stabilized synthesis and characterization of ZnO nanoparticles and their role against agriculture and food pathogen	Green Processing and Synthesis	8	1	488	495	1.13	https://doi.org/10.1515/gps-2019-0017
147	Shwetanjali Nimker., Kanupriya Sharma., Radha Saraswathy., Sudhir Chandna	DELINEATING THE EFFECTS OF IONIZING RADIATION ON ERYTHROPOIETIC LINEAGEâ€”IMPLICATIONS FOR RADIATION BIODOSIMETRY	Health Physics	116	5	677	693	0.99	https://www.ncbi.nlm.nih.gov/pubmed/30720544
148	Kharat P., Sarkar P., Mouliganesh S., Tiwary V., Priya V.B.R., Sree N.Y., Annapoorna H.V., Saikia D.K., Mahanta K., Thirumurugan K.	Ellagic acid prolongs the lifespan of Drosophila melanogaster	GeroScience	-	-	-	-	6.44	https://doi.org/10.1007/s11357-019-00135-6

149	Nantha Gopal K., V Karthickeyan., Ashok B., B Dhinesh., S Thiyagarajan., V Edwin Geo	Comparative analysis on the influence of antioxidants role with Pistacia khinjuk oil biodiesel to reduce emission in diesel engine	Heat and Mass Transfer/Waerme- und Stoffuebertragung			1	18	1.55	https://link.springer.com/article/10.1007/s00231-019-02797-6
150	Jin Wang., Xiujian Gu., Wei Liu., Arun Kumar Sangaiah., Hye-Jin Kim	An empower hamilton loop based data collection algorithm with mobile agent for WSNs	Human-centric Computing and Information Sciences	-	-	-	-	3.21	https://hcis-journal.springeropen.com/articles/10.1186/s13673-019-0179-4
151	Sumana Sannigrahi., SuthindhiranK	Metal recovery from printed circuit boards by magnetotactic bacteria	Hydrometallurgy	187	-	113	124	3.47	https://www.sciencedirect.com/science/article/abs/pii/S0304386X18304900
152	Nandakumar S., Velmurugan T., Thiagarajan U., Karuppiah M., Hassan M.M., Alelaiwi A., Islam M.M.	Efficient Spectrum Management Techniques for Cognitive Radio Networks for Proximity Service	IEEE Access	7	-	43795	43805	4.1	https://doi.org/10.1109/ACCESS.2019.2906469
153	Prayline Rajabai C., Sivanantham S.	High-throughput deblocking filter architecture using quad parallel edge filter for H.264 video coding systems	IEEE Access	7	-	99642	99650	4.1	https://doi.org/10.1109/ACCESS.2019.2930149
154	Mohan S., Thirumalai C., Srivastava G.	Effective heart disease prediction using hybrid machine learning techniques	IEEE Access	7	-	81542	81554	4.1	https://doi.org/10.1109/ACCESS.2019.2923707
155	Sundarasekar R., Mohamed Shakeel P., Baskar S., Kadry S., Mastorakis G., Mavromoustakis C.X., Dinesh Jackson Samuel R., Gn V.	Adaptive Energy Aware Quality of Service for Reliable Data Transfer in under Water Acoustic Sensor Networks	IEEE Access	7	-	80093	80103	4.1	https://doi.org/10.1109/ACCESS.2019.2921833

156	Deebak, B. D.; Al-Turjman, Fadi; Aloqaily, Moayad; Alfandi, Omar	An Authentic-Based Privacy Preservation Protocol for Smart e-Healthcare Systems in IoT	IEEE ACCESS	7	-	135632	135649	4.1	https://doi.org/10.1109/ACCESS.2019.2941575
157	Al-Turjman, Fadi; Deebak, B. D.; Mostarda, Leonardo	Energy Aware Resource Allocation in Multi-Hop Multimedia Routing via the Smart Edge Device	IEEE ACCESS	7	-	151203	151214	4.1	https://doi.org/10.1109/ACCESS.2019.2945797
158	Meena, S. Divya; Agilandeeswari, L.	An Efficient Framework for Animal Breeds Classification Using Semi-Supervised Learning and Multi-Part Convolutional Neural Network (MP-CNN)	IEEE ACCESS	7	-	151783	151802	4.1	https://doi.org/10.1109/ACCESS.2019.2947717
159	Rahmani Hosseinabadi A.A., Slowik A., Sadeghilalimi M., Farokhzad M., Babazadeh Shareh M., Sangaiah A.K.	An Ameliorative Hybrid Algorithm for Solving the Capacitated Vehicle Routing Problem	IEEE Access	7	-	175454	175465	4.1	https://doi.org/10.1109/ACCESS.2019.2957722
160	Saravanakumar R., Kanike Vinod Kumar	Analysis of Logic Gates for Generation of Switching Sequence in Symmetric and Asymmetric Reduced Switch Multilevel Inverter	IEEE Access	7		97719	97731	4.1	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8766796
161	S Nandakumar., T Velmurugan., Utthara Thiagarajan., Marimuthu Karuppiah., Mohammad Mehedi Hassan., Abdulhameed Alelaiwi., Md Motaharul Islam	Efficient spectrum management techniques in cognitive radio networks for proximity service	IEEE Access	-	-	1	1	4.1	https://ieeexplore.ieee.org/abstract/document/8672070/authors#authors

162	C Dhanamjayulu., G Arunkumar., B Jaganatha Pandian., C V Ravi Kumar., M Praveen Kumar., A Rini Ann Jerin., P Venugopal	Real-Time Implementation of a 31-Level Asymmetrical Cascaded Multilevel Inverter for Dynamic Loads	IEEE Access	7	-	51254	51266	4.1	https://ieeexplore.ieee.org/abstract/document/8695175/authors#authors
163	Swapnil Paliwal	Hash-Based Conditional Privacy Preserving Authentication and Key Exchange Protocol Suitable for Industrial Internet of Things	IEEE Access	7		136073	136093	4.1	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8839059
164	Manav Aggarwal., T Velmurugans., Marimuthu Karuppiah., Mohammad Mehedi Hassan., Ahmad Almogren., Walaa Nagy Ismail	Probability-Based Centralized Device for Spectrum Handoff in Cognitive Radio Networks	IEEE Access	7	-	26731	26739	4.1	https://ieeexplore.ieee.org/abstract/document/8649636/authors
165	A Ahilan., Gunasekaran Manogaran., C Raja., Seifedine Kadry., S N Kumar., C Agees Kumar., T Jarin., Sujatha Krishnamoorthy., Priyan Malarvizhi Kumar., Gokulnath Chandra Babu., N Senthil Murugan., Parthasarathy	Segmentation by Fractional Order Darwinian Particle Swarm Optimization Based Multilevel Thresholding and Improved Lossless Prediction Based Compression Algorithm for Medical Images	IEEE Access	-	-	-	-	4.1	https://ieeexplore.ieee.org/abstract/document/8761850/authors#authors

166	Manogaran G., Shakeel P.M., Hassanein A.S., Malarvizhi Kumar P., Chandra Babu G.	Machine Learning Approach-Based Gamma Distribution for Brain Tumor Detection and Data Sample Imbalance Analysis	IEEE Access	7	-	12	19	4.1	https://doi.org/10.1109/ACCESS.2018.2878276
167	Guanglin Li., Arun Kumar Sangaiah., Sandeep Pirbhulal., Wanqing Wu	Medical Information Security for Wearable Body Sensor Networks in Smart Healthcare	IEEE Consumer Electronics Magazine	8	5	37	41	3.27	https://ieeexplore.ieee.org/abstract/document/8822531/authors
168	Ojha T., Misra S., Raghuwanshi N.S., Poddar H.	DVSP: Dynamic virtual sensor provisioning in sensor-cloud-based internet of things	IEEE Internet of Things Journal	6	3	5265	5272	9.52	https://doi.org/10.1109/JIOT.2019.2899949
169	Dhingra S., Madda R.B., Gandomi A.H., Patan R., Daneshmand M.	Internet of things mobile-air pollution monitoring system (IoT-Mobair)	IEEE Internet of Things Journal	6	3	5577	5584	9.52	https://doi.org/10.1109/JIOT.2019.2903821
170	Pillai D.S., Natarajan R.	A Compatibility Analysis on NEC, IEC, and UL Standards for Protection Against Line-Line and Line-Ground Faults in PV Arrays	IEEE Journal of Photovoltaics	9	3	864	871	3.4	https://doi.org/10.1109/JPHOTOV.2019.2900706
171	Dhanup S. Pillai., Frede Blaabjerg., Natarajan Rajasekar	A Comparative Evaluation of Advanced Fault Detection Approaches for PV Systems	IEEE Journal of Photovoltaics	-	-	513	517	3.4	https://ieeexplore.ieee.org/abstract/document/8625387/
172	Li, Gaolei; Xu, Guangquan; Sangaiah, Arun Kumar; Wu, Jun; Li, Jianhua	EdgeLaaS: Edge Learning as a Service for Knowledge-Centric Connected Healthcare	IEEE NETWORK	33	6	37	43	7.5	https://doi.org/10.1109/MNET.001.1900019
173	Bhagya D., Manikandan S.	Speed of Sound-Based Capnographic Sensor with Second-Generation CNN for Automated Classification of Cardiorespiratory Abnormalities	IEEE Sensors Journal	19	19	8887	8894	3.08	https://doi.org/10.1109/JSEN.2019.2921862

174	Jyotismita Chaki., Nilanjan Dey., Fuqian Shi., R. Simon Sherratt	Pattern Mining Approaches used in Sensor-Based Biometric Recognition: A Review	IEEE Sensors Journal	-	-	1	1	3.08	https://ieeexplore.ieee.org/abstract/document/8625438/
175	Sriram S.R., Bindu B.	Analytical Model for RDF-Induced Threshold Voltage Fluctuations in Double-Gate MOSFET	IEEE Transactions on Device and Materials Reliability	19	2	370	377	1.58	https://doi.org/10.1109/TDMR.2019.2910197
176	Aneesh Y.M., Sriram S.R., Pasupathy K.R., Bindu B.	An Analytical Model of Single-Event Transients in Double-Gate MOSFET for Circuit Simulation	IEEE Transactions on Electron Devices	66	9	3710	3717	2.7	https://doi.org/10.1109/TED.2019.2926883
177	Kadiyam Rajshekar., Venugopal Velmurugan., Hsu Hsiao-Hsuan., Cheng Chun-Hu	Effect of Plasma Fluorination in p-Type SnO TFTs: Experiments, Modeling, and Simulation	IEEE Transactions on Electron Devices	-	-	1	8	2.7	https://www.researchgate.net/profile/Kadiyam_Rajshekar2/publication/330921248_Effect_of_Plasma_Fluorination_in_p-Type_SnO_TFTs_Experiments_Modeling_and_Simulation/links/5c5d5e87299bf1d14cb3c2dc/Effect-of-Plasma-Fluorination-in-p-Type-SnO-TFTs-Experiments-
178	Sobhana Tayenjam., Venkata Vanukuru., Kumaravel S	High- Q Variable Pitch Spiral Inductors for Increased Inductance Density and Figure-of-Merit	IEEE Transactions on Electron Devices	66	10	4481	4485	2.7	https://ieeexplore.ieee.org/abstract/document/8826310/authors#authors
179	Arun Kumar Sangaiah., Darshan Vishwasrao Medhane., Tao Han., M. Shamim Hossain., Ghulam Muhammad., S	Enforcing Position-Based Confidentiality with Machine Learning Paradigm through Mobile Edge Computing in Real-Time Industrial Informatics	IEEE Transactions on Industrial Informatics	-	-	1	1	7.38	https://ieeexplore.ieee.org/abstract/document/8637769/

180	Ramesh P., Lenin N.C.	High Power Density Electrical Machines for Electric Vehicles-Comprehensive Review Based on Material Technology	IEEE Transactions on Magnetics	55	11	-	-	1.65	https://doi.org/10.1109/TMAG.2019.2929145
181	K Ramakrishna Reddy., S Meikandasivam	Load Flattening and Voltage Regulation using Plug-In Electric Vehicles Storage capacity with Vehicle Prioritization using ANFIS	IEEE Transactions on Sustainable Energy	1	1	1	1	7.65	https://ieeexplore.ieee.org/abstract/document/8594556/authors#authors
182	Christopher P.R., Sathasivam S.	Five-stage pipelined dual-edge deblocking filter architecture for H.265 video codec	IEICE Electronics Express	16	22	1	6	0.59	https://doi.org/10.1587/elex.16.20190500
183	Thirumeni M., Thangavelusamy D.	Design and analysis of hybrid PSOâ€“GSA tuned PI and SMC controller for DCâ€“DC Cuk converter	IET Circuits, Devices and Systems	13	3	374	384	1.09	https://doi.org/10.1049/iet-cds.2018.5164
184	Uma Sathyakam P., Mallick P.S., Saxena A.A.	High-speed sub-threshold operation of carbon nanotube interconnects	IET Circuits, Devices and Systems	13	4	443	455	1.09	https://doi.org/10.1049/iet-cds.2018.5118
185	Sanapala K., Sakthivel R.	Ultra-low-voltage GDI-based hybrid full adder design for area and energy-efficient computing systems	IET Circuits, Devices and Systems	13	4	558	564	1.09	https://doi.org/10.1049/iet-cds.2018.5559
186	Anita Angeline A., Kanchana Bhaaskaran V.S.	Design impacts of delay invariant high-speed clock delayed dual keeper domino circuit	IET Circuits, Devices and Systems	13	8	1134	1141	1.09	https://doi.org/10.1049/iet-cds.2018.5410
187	Ganesan A.U., Chokkalingam L.N.	Review on the evolution of technology advancements and applications of line-start synchronous machines	IET Electric Power Applications	13	1	1	16	3.05	https://doi.org/10.1049/iet-epa.2018.5283
188	Ganesan A.U., Chokkalingam L.N.	Influence of rotor cage resistance in torque ripple reduction for line start synchronous machines	IET Electric Power Applications	13	12	1921	1934	3.05	https://doi.org/10.1049/iet-epa.2018.5783

189	Rajendhar P., Jeyaraj B.E.	Application of DR and co-simulation approach for renewable integrated hems: A review	IET Generation, Transmission and Distribution	13	16	3501	3512	2.21	https://doi.org/10.1049/iet-gtd.2018.5791
190	Veronica A.J.S.J., Kumar N.S., Gonzalez-Longatt F.	Robust PI controller design for frequency stabilisation in a hybrid microgrid system considering parameter uncertainties and communication time delay	IET Generation, Transmission and Distribution	13	14	3048	3056	2.21	https://doi.org/10.1049/iet-gtd.2018.5240
191	Ashok P., Somasundaram K.B.V.	Charge balancing symmetric pre-resolve adiabatic logic against power analysis attacks	IET Information Security	13	6	692	702	0.95	https://doi.org/10.1049/iet-ifs.2018.5136
192	Nagarajan K.V., Vijayarangan D.R.	Lagenaria siceraria - Synthesised ZnO NPs - A valuable green route to control the malaria vector Anopheles stephensi	IET Nanobiotechnology	13	2	170	177	1.93	https://doi.org/10.1049/iet-nbt.2018.5011
193	Alex S.A., Chandrasekaran N., Mukherjee A.	Effect of negative functionalisation of gold nanorods on conformation and activity of human serum albumin	IET Nanobiotechnology	13	5	66	73	1.93	https://doi.org/10.1049/iet-nbt.2018.5408
194	Krupa N.D., Grace A.N., Raghavan V.	Process optimisation for green synthesis of ZnO nanoparticles and evaluation of its antimacrofouling activity	IET Nanobiotechnology	13	5	54	58	1.93	https://doi.org/10.1049/iet-nbt.2018.5396
195	Arunima Rajan S., Ahmaduddin Khan., Syed Asrar., Hasan Raza., Raunak Kumar Das., Niroj Kumar Sahu	Synthesis of ZnO/Fe3O4/rGO Nanocomposites and Evaluation of Antibacterial Activities towards E. coli and S. aureus.	IET Nanobiotechnology	40	-	1	8	1.93	https://digital-library.theiet.org/content/journals/10.1049/iet-nbt.2018.5330?crawler=true

196	Ravi C., Ahmed K.Z., Azad M.A.K.	Fabrication of poly(D, L-lactic acid) nanoparticles as delivery system for sustained release of L-theanine	IET Nanobiotechnology	13	7	742	747	1.93	https://doi.org/10.1049/iet-nbt.2018.5248
197	Vinayagam S., Rajaiah P., Mukerjee A., Natarajan C.	Nucleic acid detection strategy using gold nanoprobe of two diverse origin	IET Nanobiotechnology	13	9	928	932	1.93	https://doi.org/10.1049/iet-nbt.2018.5332
198	Varikkottil S., Febin Daya J.L.	High-gain LCL architecture based IPT system for wireless charging of EV	IET Power Electronics	12	2	195	203	2.84	https://doi.org/10.1049/iet-pel.2018.5569
199	Joseph P.K., Devaraj E., Gopal A.	Overview of wireless charging and vehicle-togrid integration of electric vehicles using renewable energy for sustainable transportation	IET Power Electronics	12	4	627	638	2.84	https://doi.org/10.1049/iet-pel.2018.5127
200	Priya M., Ponnambalam P., Muralikumar K.	Modular-multilevel converter topologies and applications â€“ A review	IET Power Electronics	12	2	170	183	2.84	https://doi.org/10.1049/iet-pel.2018.5301
201	Joseph P.K., Devaraj E.	Design of hybrid forward boost converter for renewable energy powered electric vehicle charging applications	IET Power Electronics	12	8	2015	2021	2.84	https://doi.org/10.1049/iet-pel.2019.0151
202	Kulkarni P., Madathil D.	Adaptive Thresholding Method for Speckle Reduction of Echocardiographic Images	IETE Journal of Research	-	-	-	-	0.79	https://doi.org/10.1080/03772063.2019.1634494
203	Ayeswarya R., Amutha Prabha N.	Fractional Wavelet Transform based PAPR Reduction Schemes in Multicarrier Modulation System	IETE Journal of Research	-	-	-	-	0.79	https://doi.org/10.1080/03772063.2019.1621685
204	Vetrivel S., Anupama Menon B., Mathew R., Ravi Sankar A.	Influence of the Flexure Position and a Thick Gold Film on the Performance of Beam-Mass Structures	IETE Journal of Research	-	-	-	-	0.79	https://doi.org/10.1080/03772063.2019.1620643

205	Jothi Prabha A., Bhargavi R.	Prediction of Dyslexia from Eye Movements Using Machine Learning	IETE Journal of Research	-	-	-	-	0.79	https://doi.org/10.1080/03772063.2019.1622461
206	Srimathi R., Hemamalini S.	Performance Analysis of Single-Stage LED Buck Driver Topologies for Low-Voltage DC Distribution Systems	IETE Journal of Research	-	-	-	-	0.79	https://doi.org/10.1080/03772063.2019.1682072
207	Rani Sasidharan., Manju S L., Ratheesh Mohanan., Svenia P Jose., Bijo Mathew., Sandya Sukumaran	Anti-inflammatory effect of synthesized indole-based chalcone (2E)-3-(4-bromophenyl)-1-(1H-indol-3-yl) prop-2-en-1-one: an in vitro and in vivo studies	Immunopharmacology and Immunotoxicology			1	9	2.09	https://www.tandfonline.com/doi/abs/10.1080/08923973.2019.1672177
208	Aayush Poddar., Ritchlynn Aranha., Madhav Madurantakam Royam., Kodiveri Muthukaliannan Gothandam., Ramesh Nachimuthu., Rama Jayaraj	Incidence, prevalence, and mortality associated with head and neck cancer in India: Protocol for a systematic review	Indian Journal of Cancer	56	2	101	106	0.43	http://www.indianjcancer.com/article.asp?issn=0019-509X;year=2019;volume=56;issue=2;spage=101;epage=106;aulast=Poddar
209	Kamarudheen N., Naushad T., Rao K.V.B.	Biosynthesis, characterization and antagonistic applications of extracellular melanin pigment from marine nocardiopsis sps	Indian Journal of Pharmaceutical Education and Research	53	2	-	-	0.43	https://doi.org/10.5530/ijper.53.2s.55
210	Gunasekaran S., Sathiavelu A	Evaluation of Bioactive Metabolites Isolated from Endophytic Fungus Chaetomium cupreum of the Plant Mussaenda luteola	Indian Journal of Pharmaceutical Education and Research	53	3	255	263	0.43	https://www.ijper.org/sites/default/files/IndJPhaEdRes_53_3_s255.pdf
211	Ramgir S.S., Abilash V.G.	Impact of smoking and alcohol consumption on oxidative status in Male infertility and sperm quality	Indian Journal of Pharmaceutical Sciences	81	5	933	945	0.63	https://doi.org/10.36468/pharmaceutical-sciences.588

212	D SANGEETHA., M K VADLAMUDI	Development and Validation of a Stability-indicatingRP-HPLC Method for Estimation of Metformin andRosuvastatin along with Impurities from a CombinedOral Solid Dosage Form	Indian Journal of Pharmaceutical Sciences	81	2	365	372	0.63	http://www.ijpsonline.com/articles/development-and-validation-of-a-stabilityindicating-rphplc-method-for-estimation-of-metformin-and-rosuvastatin-along-wit.pdf
213	Joseph A., Kulkarni V.U., Shukla S.K., Joshi G.M.	Electrical properties of polyvinylidene fluoride/cellulose acetate blend modified by cenosphere	Indian Journal of Pure and Applied Physics	57	10	737	742	0.82	
214	Srinivasa RaoNaraganti., Rama Mohan RaoPannem., JagadeeshPutta	Impact resistance of hybrid fibre reinforced concrete containing sisal fibres	Ain Shams Engineering Journal	-	-	-	-	3.09	https://www.sciencedirect.com/science/article/pii/S2090447919300073
215	MVTejeswini., IJacob Raglend., TYuvaraja., BNRadha	An advanced protection coordination technique for solar in-feed distribution systems	Ain Shams Engineering Journal	-	-	-	-	3.09	https://www.sciencedirect.com/science/article/pii/S2090447919300668
216	Selvakumar K., Karuppiah M., SaiRamesh L., Islam S.H., Hassan M.M., Fortino G., Choo K.-K.R.	Intelligent temporal classification and fuzzy rough set-based feature selection algorithm for intrusion detection system in WSNs	Information Sciences	497	-	77	90	5.52	https://doi.org/10.1016/j.ins.2019.05.040
217	Punithavathi P., Geetha S., Karuppiah M., Islam S.H., Hassan M.M., Choo K.-K.R.	A lightweight machine learning-based authentication framework for smart IoT devices	Information Sciences	484	-	255	268	5.52	https://doi.org/10.1016/j.ins.2019.01.073
218	Bhaskar R., Sarveswari S.	Colorimetric sensor for real-time detection of cyanide ion in water and food samples	Inorganic Chemistry Communications	102	-	83	89	1.8	https://doi.org/10.1016/j.inoche.2019.02.002

219	Selva Kumar R., Kumar S.K.A.	Highly selective fluorescent chemosensor for the relay detection of Al3+ and picric acid	Inorganic Chemistry Communications	106	-	165	173	1.8	https://doi.org/10.1016/j.inoche.2019.06.007
220	Thejaswini T.V.L., Mohan A.M., Sompalli N.K., Deivasigamani P.	Assessment of tailor-made mesoporous metal doped TiO2 monolithic framework as fast responsive visible light photocatalysts for environmental remediation applications	Inorganic Chemistry Communications	110	-	-	-	1.8	https://doi.org/10.1016/j.inoche.2019.107593
221	RBhaskar., Gujuluva Gangatharan Vinoth Kumar., Gandhi Sivaraman., Jegathalaprathaban Rajesh., S Sarveswari	Fluorescence â€œturn-onâ€ sensor for highly selective recognition of Cu2+ ion and its application to living cell imaging	Inorganic Chemistry Communications	104	-	110	118	1.8	https://www.sciencedirect.com/science/article/pii/S1387700319301881
222	Raju V., Selva Kumar R., Tharakeswar Y., Ashok Kumar S.K.	A multifunctional Schiff-base as chromogenic chemosensor for Mn 2+ and fluorescent chemosensor for Zn 2+ in semi-aqueous environment	Inorganica Chimica Acta	493	-	49	56	2.43	https://doi.org/10.1016/j.ica.2019.04.053
223	Upadhyay Y., Paira P., Ashok Kumar S.K., Choi H.-J., Kumar R., Sahoo S.K.	Vitamin B 6 cofactor conjugated rhodamine 6G derivative: Fluorescent turn-on sensing of Al(III) and Cr(III) with bioimaging application in live HeLa cells	Inorganica Chimica Acta	489	-	198	203	2.43	https://doi.org/10.1016/j.ica.2019.02.028
224	Balinge K.R., Bhagat P.R.	A polymer-supported salen-palladium complex as a heterogeneous catalyst for the Mizoroki-Heck cross-coupling reaction	Inorganica Chimica Acta	495	-	-	-	2.43	https://doi.org/10.1016/j.ica.2019.119017

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226	Kalaiselvi A., Aswin Jeno J.G., Roopan S.M., Madhumitha G., Nakkeeran E.	Chemical composition of clove bud oil and development of clove bud oil loaded niosomes against three larvae species	INTERNATIONAL BIODETERIORATION AND BIODEGRADATION	137	-	102	108	3.82	https://doi.org/10.1016/j.ibiod.2018.12.004
227	Sujitha S., Rasool M.	Berberine coated mannosylated liposomes curtail RANKL stimulated osteoclastogenesis through the modulation of GSK3Î² pathway via upregulating miR-23a	International Immunopharmacology	74	-	-	-	3.36	https://doi.org/10.1016/j.intimp.2019.105703
228	Vimal Anand S., Venkatachalam G., Nikam T.D., Jog O.V., Suryawanshi R.T.	Determination of vibrational characteristics of coir, banana and Aloe vera fibres reinforced hybrid polymer matrix composites	International Journal of Acoustics and Vibrations	24	1	12	19	0.58	https://doi.org/10.20855/ijav.2019.24.11114
229	Sharma V., Sabatini R., Ramasamy S., Srinivasan K., Kumar R.	EFF-FAS: Enhanced fruit fly optimisation based search and tracking by flying ad hoc swarm	International Journal of Ad Hoc and Ubiquitous Computing	30	3	161	172	0.56	https://doi.org/10.1504/IJAHUC.2019.098462
230	Pillai, K. V. Arun; Hariharan, P.; Jafferson, J. M.	ED milling of Ti-6Al-4V using cryogenic-treated Wc tool and nano-graphene powder-mixed dielectricat different discharge energy regimes	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	102	43808	2721	2743	2.5	https://doi.org/10.1007/s00170-019-03327-8
231	Pradeep S., Selvaraj T.	Identification of Bio-Minerals and Their Origin in Lime Mortars of Ancient Monument: Thanjavur Palace	International Journal of Architectural Heritage	-	-	-	-	1.44	https://doi.org/10.1080/15583058.2019.1623341

232	Ghosh, Satyajit; Vardhan, Vishnu; Rajhans, Prahlad	Damage Assessment and Remediation of an Iconic Lime Rendered Building Facade: The Safed Baradari Story	INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE	-	-	-	-	1.44	https://doi.org/10.1080/15583058.2019.1650134
233	Thenepalle J.K., Singamsetty P.	Lexi-search algorithm for one to many multidimensional bi-criteria unbalanced assignment roblem	International Journal of Bio-Inspired Computation	14	3	151	170	3.4	https://doi.org/10.1504/IJBIC.2019.103601
234	Jagadeesh N., Belur S., Hegde P., Kamalanathan A.S., Swamy B.M., Inamdar S.R.	An L-fucose specific lectin from Aspergillus niger isolated from mycotic keratitis patient and its interaction with human pancreatic adenocarcinoma PANC-1 cells	International Journal of Biological Macromolecules	134	-	487	497	4.78	https://doi.org/10.1016/j.ijbiomac.2019.04.192
235	Deshpande A.S., Ramireddy S., Sudandiradoss C., Noor A., Sen P.	Streptozocin; a GLUT2 binding drug, interacts with human serum albumin at loci h6 DOM3 -h7 DOM3	International Journal of Biological Macromolecules	128	-	923	933	4.78	https://doi.org/10.1016/j.ijbiomac.2019.01.217
236	Khan J.M., Malik A., Sen P., Ahmed A., Ahmed M., Alamery S.F., Almaharfi H.A., Choudhry H., Khan M.I.	Different conformational states of hen egg white lysozyme formed by exposure to the surfactant of sodium dodecyl benzenesulfonate	International Journal of Biological Macromolecules	128	-	54	60	4.78	https://doi.org/10.1016/j.ijbiomac.2019.01.097
237	Al-Shabib N.A., Khan J.M., Malik A., Sen P., Ramireddy S., Chinnappan S., Alamery S.F., Husain F.M., Ahmad A., Choudhry H., Khan M.I., Shahzad S.A.	Allura red rapidly induces amyloid-like fibril formation in hen egg white lysozyme at physiological pH	International Journal of Biological Macromolecules	127	-	297	305	4.78	https://doi.org/10.1016/j.ijbiomac.2019.01.049

238	Evangeline S., Sridharan T.B.	Biosynthesis and statistical optimization of polyhydroxyalkanoate (PHA) produced by Bacillus cereus VIT-SSR1 and fabrication of biopolymer films for sustained drug release	International Journal of Biological Macromolecules	135	-	945	958	4.78	https://doi.org/10.1016/j.ijbiomac.2019.05.163
239	Arokia Vijaya AnandMariadoss., RamachandranVinayagam., VijayalakshmiSenthilkumar., Manickam Paulpandi., Kadarkara iMurugan., Baojun Xuc., KM Gothandam., Venkata Subbaiah Kotakadi., ErnestDavid	Phloretin loaded chitosan nanoparticles augments the pH-dependent mitochondrial-mediated intrinsic apoptosis in human oral cancer cells	International Journal of Biological Macromolecules	130	-	997	1008	4.78	https://www.sciencedirect.com/science/article/pii/S0141813019302478
240	AnjiReddy K., Karpagam S.	Hyperbranched cellulose polyester of oral thin film and nanofiber for rapid release of donepezil; preparation and in vivo evaluation	International Journal of Biological Macromolecules	124	-	871	887	4.78	https://doi.org/10.1016/j.ijbiomac.2018.11.224
241	Mannully S.T., Shanthi C., Pulicherla K.K.	Lipid modification of staphylokinase and its implications on stability and activity	International Journal of Biological Macromolecules	121	-	1037	1045	4.78	https://doi.org/10.1016/j.ijbiomac.2018.10.134
242	Rambabu K., Bharath G., Banat F., Show P.L., Cocoletzi H.H.	Mango leaf extract incorporated chitosan antioxidant film for active food packaging	International Journal of Biological Macromolecules	126	-	1234	1243	4.78	https://doi.org/10.1016/j.ijbiomac.2018.12.196

243	Karthik R., Manigandan V., Ebenezar K.K., Kavitha M., Saravanan R.	Structural characterization, teratogenicity and in vitro avian antimicrobial activity of posterior salivary gland (PSG) toxin from cuttlefish, Sepia prashadi	International Journal of Biological Macromolecules	124	-	1145	1155	4.78	https://doi.org/10.1016/j.ijbiomac.2018.12.040
244	Saravanan S., Vimalraj S., Thanikaivelan P., Banudevi S., Manivasagam G.	A review on injectable chitosan/beta glycerophosphate hydrogels for bone tissue regeneration	International Journal of Biological Macromolecules	121	-	38	54	4.78	https://doi.org/10.1016/j.ijbiomac.2018.10.014
245	Sriroopreddy R., Sajeed R., Raghuraman P., Sudandiradoss C.	Differentially expressed gene (DEG) based protein-protein interaction (PPI) network identifies a spectrum of gene interactome, transcriptome and correlated miRNA in nondisjunction Down syndrome	International Journal of Biological Macromolecules	122	-	1080	1089	4.78	https://doi.org/10.1016/j.ijbiomac.2018.09.056
246	Satyajit Ghosh., Dhruv Gangadharan Arvind., Steven Dobbie	Evaluation of microclimates and assessment of thermal comfort of Panthera leo in the Masai Mara National Reserve, Kenya	International Journal of Biometeorology	63	3	269	279	2.38	https://link.springer.com/article/10.1007/s00484-018-01660-3
247	T Palani Rajan., C Prakash., G Ramakrishnan	An effect of fabrics thickness and structure on moisture management properties of 3D spacer fabrics	International Journal of Clothing Science and Technology					0.75	https://www.emerald.com/insight/content/doi/10.1108/IJCST-01-2019-0002/full/html
248	Karthikeyan A., Srividhya V., Kundu S.	Guided joint spectrum sensing and resource allocation using a novel random walk grey wolf optimization for frequency hopping cognitive radio networks	International Journal of Communication Systems	-	-	-	-	1.28	https://doi.org/10.1002/dac.4032

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250	Visalakshi Annepu., Rajesh Anbazhagan	Implementation of an efficient extreme learning machine for node localization in unmanned aerial vehicle assisted wireless sensor networks	International Journal of Communication Systems					1.28	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4173
251	Julie Thomas., Indhira K., Chandrasekaran V M	T-Normed Fuzzy TM-Subalgebra of TM-Algebras	International Journal of Computational Intelligence Systems	12	2	706	712	2.15	https://www.atlantis-press.com/journals/ijcis/125912950
252	Wang J., Gao Y., Liu W., Sangaiah A.K., Kim H.-J.	An intelligent data gathering schema with data fusion supported for mobile sink in wireless sensor networks	International Journal of Distributed Sensor Networks	15	3	-	-	1.61	https://doi.org/10.1177/1550147719839581
253	Kamaraj P., Jagadeesh Kannan R.	Design and development of the optical control network active phased array radar	International Journal of Electrical Engineering Education	-	-	-	-	0.94	https://doi.org/10.1177/0020720919883800
254	Selva Rani B., Kumar S.A.	Recommendation system for under graduate students using FSES-TOPSIS	International Journal of Electrical Engineering Education	-	-	-	-	0.94	https://doi.org/10.1177/0020720919879385
255	Manjunatha H.C., Mohanasundaram R.	BMADSN: Big data multi-community anomaly detection in social networks	International Journal of Electrical Engineering Education	-	-	-	-	0.94	https://doi.org/10.1177/0020720919891065
256	Rai A., Jagadeesh Kannan R.	One-shot learning technique regression of reconfigurable learning network for generative modeling in interconnected imaging infrastructure	International Journal of Electrical Engineering Education	-	-	-	-	0.94	https://doi.org/10.1177/0020720919895908

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258	Durga Rao., Srinivasa Rao Inabathini	Development of modular and robust high power solid-state transmitâ€“receive module for Gadanki Ionospheric Radar Interferometer	International Journal of Electrical Engineering Education					0.94	https://journals.sagepub.com/doi/abs/10.1177/0020720919883798
259	Jayaraman M., Vellithiruthy Thazhathu S.	Analysis of a novel (LCR)trap-LC-RC filter with improved performance for standalone inverters	International Journal of Electronics	-	-	-	-	1.07	https://doi.org/10.1080/00207217.2019.1655668
260	Shaosen S., Chen D., Srinivasan K., Chen B.-Y., Meijuan X., Garg A., Gao L., Sandoval J.	Experimental and artificial intelligence for determination of stable criteria in cyclic voltammetric process of medicinal herbs for biofuel cells	International Journal of Energy Research	-	-	-	-	3.34	https://doi.org/10.1002/er.4634
261	Singh, Surinder; Srinivasan, Kathiravan; Chen, Bor-Yann; Singh, Harpreet; Goyal, Ankit; Garg, Akhil; Cui, Xujian	A novel method for determination of a time period for stabilization of power generation of microbial fuel cell with effect of microorganisms	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	43	11	5834	5840	3.34	https://doi.org/10.1002/er.4685
262	Selvaraj A.S., Rajagopal T.K.R.	Effect of flow fields and humidification of reactant and oxidant on the performance of scaled-up PEM-FC using CFD code	International Journal of Energy Research	43	13	7254	7274	3.34	https://doi.org/10.1002/er.4750
263	Syed S.N., Sharma V.K., Emadabathuni A.K.	Thermodynamic and heat-hydrogen transfer analyses of novel multistage hydrogen-alloy sorption heat pump	International Journal of Energy Research	-	-	-	-	3.34	https://doi.org/10.1002/er.5112

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265	Arun Saco Selvaraj., Thundil Karuppa Raj R	Numerical investigation on the effect of flow field and landing to channel ratio on the performance of PEMFC	International Journal of Energy Research					3.34	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.4885
266	Ms Uma Maheswari G., N Shankar Ganesh	Performance investigation in modified and improved augmented power generation Kalina cycle using Python	International Journal of Energy Research					3.34	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.4906
267	Ghosh S., Gadian A., Dobbie S., Samaddar A., Sharma A., Chandramouli P., Palsapure A.	A meteorological discourse on extreme storm events driven by Asian slum emissions	International Journal of Environment and Pollution	65	4	280	292	0.69	https://doi.org/10.1504/IJEP.2019.103743
268	Varalakshmi Raguraman., K. Suthindhiran	Comparative ecotoxicity assessment of magnetosomes and magnetite nanoparticles	International Journal of Environmental Health Research	-	-	-	-	1.47	https://www.tandfonline.com/doi/full/10.1080/09603123.2019.1570489
269	N Manoj Kumar., B Sri Muruganandam	Health effects of particulate matter in major Indian cities	International Journal of Environmental Health Research	-	-	1	13	1.47	https://www.tandfonline.com/doi/abs/10.1080/09603123.2019.1651257
270	shantha Kumar S., Arumugam Dhamodharan., Ganapathy G P., Sudharasanam Abinandan., Unnithan Aravind	Distribution of Metal Contamination and Risk Indices Assessment of Surface Sediments from Cooum River, Chennai, India	International Journal of Environmental Research			1	8	1.49	https://link.springer.com/article/10.1007/s41742-019-00222-8#authorsandaffiliations

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272	Agarwal A., Myrzakulov R., Pacif S.K.J., Sami M., Wang A.	Cosmic acceleration sourced by modification of gravity without extra degrees of freedom	International Journal of Geometric Methods in Modern Physics	16	8	-	-	1.02	https://doi.org/10.1142/S0219887819501287
273	Ashok B., Nanthagopal K., Senthil Kumar M., Ramasamy A., Patel D., Balasubramanian S., Balakrishnan S.	An investigation on CI engine characteristics using pork lard methyl ester at various injection pressures and injection timings	International Journal of Green Energy	16	11	834	846	1.3	https://doi.org/10.1080/15435075.2019.1641107
274	Ponraj C., Vinitha G., Daniel J.	Visible light photocatalytic activity of Mn-doped BiFeO3 nanoparticles	International Journal of Green Energy	-	-	-	-	1.3	https://doi.org/10.1080/15435075.2019.1688158
275	Sv Karthic., M Senthil Kumar., Nataraj G., P Pradeep	Experimental investigations on the influence of hydrogen and LPG mixtures on performance behavior of a mahua bio oil-powered dual fuel engine	International Journal of Green Energy			1	12	1.3	https://www.tandfonline.com/doi/abs/10.1080/15435075.2019.1641713

276	Kavitha M S., Murugavelh S	In situ acid catalysed transesterification of biodiesel production from Sterculia foetida oil and seed	International Journal of Green Energy			1	10	1.3	https://www.tandfonline.com/doi/abs/10.1080/15435075.2019.1671418?journalCode=ljge20
277	Rambabu K., Hai A., Bharath G., Banat F., show P.L.	Molybdenum disulfide decorated palm oil waste activated carbon as an efficient catalyst for hydrogen generation by sodium borohydride hydrolysis	International Journal of Hydrogen Energy	44	28	14406	14415	4.08	https://doi.org/10.1016/j.ijhydene.2019.03.085
278	Thiagarajan V., Karthikeyan P., Thanarajan K., Neelakrishnan S., Manoharan R., Chen R., Fly A., Anand R., Karuppa Raj T.R., Sendhil Kumar N.	Experimental investigation on DMFCs using reduced noble metal loading with NiTiO 3 as supportive material to enhance cell performances	International Journal of Hydrogen Energy	44	26	13415	13423	4.08	https://doi.org/10.1016/j.ijhydene.2019.03.244
279	Mohan M., Sharma M., Sharma V.K., Kumar E.A., Satheesh A., Muthukumar P.	Performance analysis of metal hydride based simultaneous cooling and heat transformation system	International Journal of Hydrogen Energy	44	21	10906	10915	4.08	https://doi.org/10.1016/j.ijhydene.2019.02.241
280	Priya K., Rajasekar N.	Application of flower pollination algorithm for enhanced proton exchange membrane fuel cell modelling	International Journal of Hydrogen Energy	44	33	18438	18449	4.08	https://doi.org/10.1016/j.ijhydene.2019.05.022
281	Chintala V., Benaerjee D., Ghodke P.K., Porpatham E.	Hydrogen rich exhaust gas recirculation (H2EGR) for performance improvement and emissions reduction of a compression ignition engine	International Journal of Hydrogen Energy	44	33	18545	18558	4.08	https://doi.org/10.1016/j.ijhydene.2019.05.141

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283	Keerthiveena B., Esakkirajan S., Selvakumar K., Yogesh T.	Computer-aided diagnosis of retinal diseases using multidomain feature fusion	International Journal of Imaging Systems and Technology	-	-	-	-	1.25	https://doi.org/10.1002/ima.22379
284	Nagarajan, I; Priya, G. G. Lakshmi	Removal of noise in MRI images using a block difference-based filtering approach	INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY	-	-	-	-	1.25	https://doi.org/10.1002/ima.22361
285	Seshadri, N.; Saraswathy, R.	Allergen sensitization profile of children with asthma and allergic rhinitis in Vellore district of Tamil Nadu, India	ALLERGY	74	-	225	225	6.77	
286	S. K. Lakshmanaprabu., K. Shankar., M. Ilayaraja., Abdul Wahid Nasir., V. Vijayakumar., Naveen Chilamkurti	Random forest for big data classification in the internet of things using optimal features	International Journal of Machine Learning and Cybernetics	-	-	1	10	3.84	https://link.springer.com/article/10.1007/s13042-018-00916-z
287	Gwanggil Jeon., Arun Kumar Sangaiah., You-shyang Chen., Anand Paul	Special issue on Machine learning approaches and challenges of missing data in the era of big data	International Journal of Machine Learning and Cybernetics			1	3	3.84	https://link.springer.com/article/10.1007/s13042-019-01010-8
288	Tiwari R., Ramesh Babu N.	Artificial neural network-based control strategies for PMSG-based grid connected wind energy conversion system	International Journal of Materials and Product Technology	58	4	323	341	0.67	https://doi.org/10.1504/IJMPT.2019.100009
289	Christina Josephine Malathi A., Thiripurasundari D.	Coupling reduction of two element MIMO antenna using parasitic element for LTE band application	International Journal of Materials and Product Technology	59	4	321	338	0.67	https://doi.org/10.1504/IJMPT.2019.104554

290	Hemakumar S., Kuppan P.	Experimental investigations and optimisation of process parameters in dry finish turning of Inconel 625 super alloy	International Journal of Materials and Product Technology	59	4	303	320	0.67	https://doi.org/10.1504/IJMPT.2019.104583
291	Jegadheesan V., Sivasankaran K., Konar A.	Random dopant fluctuations impact reduction in 7 nm bulk-FinFET by substrate engineering	International Journal of Materials and Product Technology	59	4	339	346	0.67	https://doi.org/10.1504/IJMPT.2019.104555
292	P Subramani., M Manikandan	Development of gas tungsten arc welding using current pulsing technique to preclude chromium carbide precipitation in aerospace-grade alloy 80A	International Journal of Minerals, Metallurgy and Materials	26	2	210	221	1.22	https://link.springer.com/article/10.1007/s12613-019-1726-8
293	Pawar S., Patel D.K.	Influence of moving plate velocity on conjugate heat transfer due to the impingement of an inclined slot jet	International Journal of Modern Physics C	-	-	-	-	1.02	https://doi.org/10.1142/S0129183120500060
294	Agarwal A., Myrzakulov R., Pacif S.K.J., Shahalam M.	Cosmic acceleration from coupling of baryonic and dark matter components: Analysis and diagnostics	International Journal of Modern Physics D	28	6	-	-	2	https://doi.org/10.1142/S0218271819500834
295	D. A.N., T. B.Z., Polit O., B. P., M. G.	Large amplitude free flexural vibrations of functionally graded graphene platelets reinforced porous composite curved beams using finite element based on trigonometric shear deformation theory	International Journal of Non-Linear Mechanics	116	-	302	317	2.23	https://doi.org/10.1016/j.ijnonlinmec.2019.07.010
296	Senthil Kumar Arumugam., Saritha Natesan	Analysis of double diffusion natural convection in an enclosure filled with alumina water nanofluid using Buongioro's two phase model	International Journal of Numerical Methods for Heat and Fluid Flow					1.96	emerald.com/insight/content/doi/10.1108/HFF-07-2018-0416/full/html

297	Manoj Kumar Moharana., Nishant Tiwari	Comparative study of conjugate heat transfer in a single-phase flow in wavy and raccoon microchannels	International Journal of Numerical Methods for Heat and Fluid Flow					1.96	https://www.emerald.com/insight/content/doi/10.1108/HFF-05-2019-0439/full/html
298	Shanmuganathan P., Balasubramanian L.	Investigation of geometrical and doping parameter variations on GaSb/Si-based double gate tunnel FETs: A qualitative and quantitative approach for RF performance enhancement	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	32	6	-	-	0.8	https://doi.org/10.1002/jnm.2633
299	Raju V., Sivasankaran K.	Impact of high k spacer on RF stability performance of double gate junctionless transistor	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	32	1	-	-	0.8	https://doi.org/10.1002/jnm.2481
300	Ranade, Shruti Sunil; Ramalingam, Rajasekaran	A Review on Bioactive Porcine Peptide, Protegrin-1	INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS	-	-	-	-	1.22	https://doi.org/10.1007/s10989-019-09955-8
301	Venkatesh Padmanabhan., Sanjit Kumar., N. S. Jayaprakash	Structural Characterization of a Unique Peptide in Porin: An Approach Towards Specific Detection of Salmonella enterica Serovar Typhi	International Journal of Peptide Research and Therapeutics	-	-	1	7	1.22	https://link.springer.com/article/10.1007/s10989-019-09807-5
302	Itusha A., Osborne W.J., Vaithilingam M.	Enhanced uptake of Cd by biofilm forming Cd resistant plant growth promoting bacteria bioaugmented to the rhizosphere of Vetiveria zizanioides	International Journal of Phytoremediation	21	5	487	495	2.24	https://doi.org/10.1080/15226514.2018.1537245

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304	Jeevanantham A K., S V Chaitanya., A Rajesh Kannan	Tolerance Analysis in Selective Assembly of Multiple Component Features to Control Assembly Variation Using Matrix Model and Genetic Algorithm	International Journal of Precision Engineering and Manufacturing			1	15	1.78	https://link.springer.com/article/10.1007/s12541-019-00194-x
305	Manupati V.K., Schoenherr T., Ramkumar M., Wagner S.M., Pabba S.K., Inder Raj Singh R.	A blockchain-based approach for a multi-echelon sustainable supply chain	International Journal of Production Research	-	-	-	-	3.2	https://doi.org/10.1080/00207543.2019.1683248
306	Yaroslav Holovenko., Lauri Kollo., Mart Saarna., Ramin Rahmani., Tetiana Soloviova., Maksim Antonov., Konda Gokuldoss Prashanth., Slawomir Cygan., Renno Veinthal	Effect of Lattice Surface Treatment on Performance of Hardmetal - Titanium Interpenetrating Phase Composites	International Journal of Refractory Metals and Hard Materials					2.26	https://www.sciencedirect.com/science/article/abs/pii/S026343681930441X
307	Suresh Kumar Muthuvel., Yogesh K Choukiker	Frequency tunable circularly polarized antenna with branch line coupler feed network for wireless applications	International Journal of RF and Microwave Computer-Aided Engineering	-	-	-	-	1.47	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.21784

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309	Lakshmipathi J., Rajamohan V., Sameer Rahatekar S.	Primary and Secondary Instability Region Analysis of Rotating Carbon Nanotube-Reinforced Non-Uniform Hybrid Composite Plates	International Journal of Structural Stability and Dynamics	19	10	-	-	2.16	https://doi.org/10.1142/S0219455419501153
310	Rajagopalan A., Kasinathan P., Nagarajan K., Ramachandaramurthy V.K., Sengoden V., Alavandar S.	Chaotic self-adaptive interior search algorithm to solve combined economic emission dispatch problems with security constraints	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/2050-7038.12026
311	Ganesan A.U., Natesan Chokkalingam L.	Self-start synchronous reluctance motor new rotor designs and its performance characteristics	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/2050-7038.12098
312	Senthilnathan K., Annapoorani K.I.	Resilient cyber physical infrastructure for single-phase dual inverter with sliding mode control	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/2050-7038.12173
313	Dhanamjayulu C., Arunkumar G., Jaganatha Pandian B., Padmanaban S.	Design and implementation of a novel asymmetrical multilevel inverter optimal hardware components	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/2050-7038.12201
314	Kanagavel R., Vairavasundaram I., Padmanaban S.	Design and prototyping of single-phase shunt active power filter for harmonics elimination using model predictive current control	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/2050-7038.12231

315	Sambaiah K.S., Jayabarathi T.	Loss minimization techniques for optimal operation and planning of distribution systems: A review of different methodologies	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/2050-7038.12230
316	Thiyagu Arunkumari., Indragandhi V., Gopal Arunkumar., Padmanaban Sanjeevikumar., Jens Bo Hom-neilson	Implementation of highâ€gain nonisolated DCâ€DC converter for PVâ€fed applications	International Transactions on Electrical Energy Systems					1.31	https://onlinelibrary.wiley.com/doi/abs/10.1002/2050-7038.12165
317	Ghosh SK., Mullick M., Venkatesh K., Manivasagam G., Sen D	Spinal cord injury: pathophysiology, treatment strategies, associated challenges, and future implications	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://europepmc.org/abstract/med/31065801
318	Ganesan A.U., Natesan Chokkalingam L.	Single-phase direct-on-line synchronous motor for a specific application in comparison with an induction motor	International Transactions on Electrical Energy Systems	-	-	-	-	1.31	https://doi.org/10.1002/etep.2809
319	Mees, Lukas; Upadhyaya, Swati; Kumar, Pavan; Kotowala, Sandal; Haran, Shankar; Shruthi, R.; Friedman, David S.; Venkatesh, Rengaraj	Validation of a head mounted virtual reality visual field screening device	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	60	9	-	-	3.81	

320	M Jayashree., M Parthibavarman., S Prabhakaran	Hydrothermal-induced É'-Fe2O3/graphene nanocomposite with ultrahigh capacitance for stabilized and enhanced supercapacitor electrodes	Ionics	-	-	1	11	2.29	https://link.springer.com/article/10.1007/s11581-019-02859-z
321	Richa Dubey., Velmathi Guruviah	Review of carbon-based electrode materials for supercapacitor energy storage	Ionics	-	-	1	27	2.29	https://link.springer.com/article/10.1007/s11581-019-02874-0
322	Vaibhavi Chittal., Magaly Gracias., Anagha Anu., Purbasha Saha., K V Bhaskara Rao	Biodecolorization and Biodegradation of Azo Dye Reactive Orange-16 by Marine Nocardiopsis sp	Iranian Journal of Biotechnology	17	3	18	26	0.86	http://www.ijbiotech.com/article_95369_fadcdbfb1ebd36295c84008d2067556c.pdf
323	Theaj Prakash Upputuri Ravi., Abul Kalam Azad Mandal	Mathematical Modeling and Release Kinetics of Green Tea Polyphenols Released from Casein Nanoparticles	Iranian Journal of Pharmaceutical Research	-	-	-	-	1.18	http://ijpr.sbmu.ac.ir/article_1100715.html
324	Angulakshmi M., Lakshmi Priya G.G.	Walsh Hadamard Transform for Simple Linear Iterative Clustering (SLIC) Superpixel Based Spectral Clustering of Multimodal MRI Brain Tumor Segmentation	IRBM	-	-	-	-	0.93	https://doi.org/10.1016/j.irbm.2019.04.005
325	Cheng K.-Y., Gopal V., McNallan M., Manivasagam G., Mathew M.T.	Enhanced Tribocorrosion Resistance of Hard Ceramic Coated Ti-6Al-4V Alloy for Hip Implant Application: In-Vitro Simulation Study	ACS Biomaterials Science and Engineering	5	9	4817	4824	4.51	https://doi.org/10.1021/acsbiomaterials.9b00609
326	Padmanabhan K., D K Dipin Raj., Sharan Chandran M., Yashasvi Chebiyyam	A comparative investigation of interfacial adhesion behaviour of polyamide based self-reinforced polymer composites by single fibre and multiple fibre pull-out tests	Journal of Adhesion Science and Technology			1	20	1.21	https://www.tandfonline.com/doi/abs/10.1080/01694243.2019.1672467

327	Porchilamban S., Amaladas J.R.	Structural relationships of metallurgical and mechanical properties influenced by Ni-based fillers on Gas Tungsten Arc Welded Ferritic /Austenitic SS dissimilar joints	Journal of Advanced Mechanical Design, Systems and Manufacturing	13	1	-	-	0.51	https://doi.org/10.1299/jamdsm.2019jamdsm0023
328	John B., Vijapuri D., Thota B., Katoch N.	Energy Addition-Based Virtual Cowl for Performance Enhancement of Scramjet Intake	Journal of Aerospace Engineering	32	5	-	-	1.37	https://doi.org/10.1061/(ASCE)AS.1943-5525.0001067
329	Nivetha R., Grace A.N.	Manganese and zinc ferrite based graphene nanocomposites for electrochemical hydrogen evolution reaction	Journal of Alloys and Compounds	796	-	185	195	4.18	https://doi.org/10.1016/j.jallcom.2019.05.021
330	Puhan A., Nayak A.K., Bhushan B., Praharaj S., Meena S.S., Rout D.	Enhanced electrical, magnetic and optical behaviour of Cr doped Bi 0.98 Ho 0.02 FeO 3 nanoparticles	Journal of Alloys and Compounds	796	-	229	236	4.18	https://doi.org/10.1016/j.jallcom.2019.05.025
331	Divya R., Manikandan N., Vinitha G.	Synthesis and characterization of nickel doped zinc selenide nanospheres for nonlinear optical applications	Journal of Alloys and Compounds	-	-	601	612	4.18	https://doi.org/10.1016/j.jallcom.2019.03.294
332	Ashok A., Kennedy L.J., Vijaya J.J.	Structural, optical and magnetic properties of Zn1-xMnxFe2O4 (0â€¯â‰¤â€¯xâ€¯â‰¤â€¯0.5) spinel nano particles for transesterification of used cooking oil	Journal of Alloys and Compounds	-	-	816	828	4.18	https://doi.org/10.1016/j.jallcom.2018.11.390

333	Shen X., Shukla P., Swanson P., An Z., Prabhakaran S., Waugh D., Nie X., Mee C., Nakhodchi S., Lawrence J.	Altering the wetting properties of orthopaedic titanium alloy (Tiâ€“6Alâ€“7Nb) using laser shock peening	Journal of Alloys and Compounds	801	-	327	342	4.18	https://doi.org/10.1016/j.jallcom.2019.06.104
334	Shobana M.K.	Metal oxide coated cathode materials for Li ion batteries â€“ A review	Journal of Alloys and Compounds	802	-	477	487	4.18	https://doi.org/10.1016/j.jallcom.2019.06.194
335	Elakkiya V., Sumathi S.	Ce and Fe doped gahnite: Cost effective solar reflective pigment for cool coating applications	Journal of Alloys and Compounds	-	-	-	-	4.18	https://doi.org/10.1016/j.jallcom.2019.153174
336	Sudandararaj A.T.S., Kumar G.S., Dhivya M., Eithiraj R.D., Banu I.B.S.	Spin reorientation transition in nanoscale multiferroic PrFeO3 and its band structure calculation	Journal of Alloys and Compounds	-	-	-	-	4.18	https://doi.org/10.1016/j.jallcom.2019.152747
337	Ravuri Syamsai., Andrews Nirmala Grace	Ta4C3 MXene as supercapacitor electrodes	Journal of Alloys and Compounds	-	-	-	-	4.18	https://www.sciencedirect.com/science/article/abs/pii/S0925838819313684
338	Manickam R., Biswas K.	Double doping induced power factor enhancement in CuCrO2 for high temperature thermoelectric application	Journal of Alloys and Compounds	775	-	1052	1056	4.18	https://doi.org/10.1016/j.jallcom.2018.10.083
339	Ashok A., Kennedy L.J., Vijaya J.J.	Structural, optical and magnetic properties of Zn1-xMnxFe2O4 (0âå,¬¯âå€°¤âå,¬¯xâå,¬¯âå€°¤âå,¬¯0.5) spinel nano particles for transesterification of used cooking oil	Journal of Alloys and Compounds	-	-	816	828	4.18	https://doi.org/10.1016/j.jallcom.2018.11.390

340	Titus Samuel Sudandararaj A., Sathish Kumar G., Dhivya M., Eithiraj R.D., Banu I.B.S.	Band structure calculation and rietveld refinement of nanoscale GdFeO3 with affirmation of Jahn Teller's distortion on electric and magnetic properties	Journal of Alloys and Compounds	783	-	393	398	4.18	https://doi.org/10.1016/j.jallcom.2018.11.205
341	Tiyyagura H.R., Kumari S., Mohan M.K., Pant B., Nageswara Rao M.	Degradation behavior of metastable Î² Ti-15-3 alloy for fastener applications	Journal of Alloys and Compounds	775	-	518	523	4.18	https://doi.org/10.1016/j.jallcom.2018.09.366
342	Padmanabhan B., Premalatha L.	A statistical analysis in optimization of wind penetrated non convex dynamic power dispatch problem using different strategies of differential evolution algorithm	Journal of Ambient Intelligence and Humanized Computing	-	-	-	-	1.91	https://doi.org/10.1007/s12652-019-01562-1
343	Mahesh Balaji., Ch. Aswani Kumar., G. Subrahmanya V. R. K. Rao	Non-linear analysis of bursty workloads using dual metrics for better cloud resource management	Journal of Ambient Intelligence and Humanized Computing	-	-	1	16	1.91	https://link.springer.com/article/10.1007/s12652-019-01183-8
344	Malathi Devarajan., V Subramaniyaswamy., V Vijayakumar., Logesh Ravi	Fog-assisted personalized healthcare-support system for remote patients with diabetes	Journal of Ambient Intelligence and Humanized Computing	-	-	1	14	1.91	https://link.springer.com/article/10.1007/s12652-019-01291-5
345	Bhasarkar J., Bal D.	Kinetic investigation of a controlled drug delivery system based on alginate scaffold with embedded voids	Journal of Applied Biomaterials and Functional Materials	-	-	-	-	1.06	https://doi.org/10.1177/2280800018817462

346	Rana S., Bennouna J., Samuel E.J.J., Gutierrez A.N.	Development and long-term stability of a comprehensive daily QA program for a modern pencil beam scanning (PBS) proton therapy delivery system	Journal of Applied Clinical Medical Physics	20	4	29	44	1.54	https://doi.org/10.1002/acm2.12556
347	Suresh Rana., Kevin Greco., James Jebaseelan Samuel E., Jaafar Bennouna	Radiobiological and dosimetric impact of RayStation pencil beam and Monte Carlo algorithms on intensityâ€modulated proton therapy breast cancer plans	Journal of applied clinical medical physics [electronic resource] / American College of Medical Physics					1.54	https://aapm.onlinelibrary.wiley.com/doi/full/10.1002/acm2.12676
348	Rajasekarababu K.B., Vinayagamurthy G.	Experimental and computational simulation of an open terrain wind flow around a setback building using hybrid turbulence models	Journal of Applied Fluid Mechanics	12	1	145	154	0.91	https://doi.org/10.18869/acadpub.jafm.75.253.29179
349	Sadasivan S., Arumugam S.K., Aggarwal M.C.	Numerical simulation of diffuser of a gas turbine using the actuator disc model	Journal of Applied Fluid Mechanics	12	1	77	84	0.91	https://doi.org/10.18869/acadpub.jafm.75.253.28416
350	Gillani S.A., Panikulam V.P., Sadasivan S., Yaoping Z.	CFD analysis of aerodynamic drag effects on Vacuum Tube Trains	Journal of Applied Fluid Mechanics	12	1	303	309	0.91	https://doi.org/10.18869/acadpub.jafm.75.253.29091
351	Matilda C.S., Many S.T., Viditha R.P., Shanthi C.	Protein profiling of metal-resistant Bacillus cereus VITSH1	Journal of Applied Microbiology	127	1	121	133	2.68	https://doi.org/10.1111/jam.14293
352	V Dubey., AK Mishra., AR Ghosh., B K Madal	Probiotic Pediococcus pentosaceus GS4 shields brush border membrane and alleviate liver toxicity imposed by chronic cadmium exposure in Swiss albino mice	Journal of Applied Microbiology	-	-	-	-	2.68	https://onlinelibrary.wiley.com/doi/abs/10.1111/jam.14195

353	Ray S.S., Deb C.K., Chang H.-M., Chen S.-S., Ganesapillai M.	Crosslinked PVDF-HFP-based hydrophobic membranes incorporated with CNF for enhanced stability and permeability in membrane distillation	Journal of Applied Polymer Science	-	-	-	-	2.19	https://doi.org/10.1002/app.48021
354	George M., Mohanty A.	Investigation of mechanical properties of graphene decorated with graphene quantum dot-reinforced epoxy nanocomposite	Journal of Applied Polymer Science	-	-	-	-	2.19	https://doi.org/10.1002/app.48680
355	Ilika Ghosh., Amitava Mukherjee., Anita Mukherjee	Nanoscale zerovalent iron particles induce differential cytotoxicity, genotoxicity, oxidative stress and hemolytic responses in human lymphocytes and erythrocytes in vitro	Journal of applied toxicology	-	-	-	-	3.07	https://onlinelibrary.wiley.com/doi/abs/10.1002/jat.3843
356	Sarkar A., Sen S.	3D structure prediction of VAPC1 and identification of dual natural inhibitors for VPAC1 and EGFR	Journal of Bioenergetics and Biomembranes	51	2	89	102	2.55	https://doi.org/10.1007/s10863-019-09790-y
357	Zhang, Haiguang; Qi, BaoQuan; Hu, Qingxi; Yan, Biao; Liu, Dali; Ramalingam, Murugan	Designing and Fast 3D Printing of Continuous Carbon Fibers for Biomedical Applications	JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING	9	7	922	928	0.82	https://doi.org/10.1166/jbt.2019.2094
358	Chen, Huali; He, Dengwei; Zhu, Ye; Yu, Weiyang; Ramalingam, Murugan; Wu, Zhongwei	In Situ Osteochondral Regeneration by Controlled Release of Stromal Cell-Derived Factor-1 Chemokine from Injectable Biomaterials: A Preclinical Evaluation in Animal Model	JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING	9	7	958	967	0.82	https://doi.org/10.1166/jbt.2019.2096

359	Karn R., Emerson I.A.	Breast cancer mutation in GATA3 zinc finger 1 induces conformational changes leading to the closer binding of ZnFn2 with a wrapping architecture	Journal of Biomolecular Structure and Dynamics	-	-	-	-	3.31	https://doi.org/10.1080/07391102.2019.1620635
360	Thillainayagam, Mahalakshmi; Ramaiah, Sudha; Anbarasu, Anand	Molecular docking and dynamics studies on novel benzene sulfonamide substituted pyrazole-pyrazoline analogues as potent inhibitors of Plasmodium falciparum Histo aspartic protease	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	-	-	-	-	3.31	https://doi.org/10.1080/07391102.2019.1654923
361	Kullappan Malathi., Anand Anbarasu., Sudha Ramaiah	Identification of potential inhibitors for Klebsiella pneumoniae carbapenemase-3: a molecular docking and dynamics study	Journal of Biomolecular Structure and Dynamics	-	-	1	13	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2018.1556737
362	R. A. Jeyaram., T. R. K. Priyadarzini., C. Anu Radha., N. R. Siva Shanmugam., C. Ramakrishnan., M. Michael Gromiha., K. Veluraja	Molecular Dynamics simulation studies on Influenza A virus H5N1 complexed with sialic acid and fluorinated sialic acid	Journal of Biomolecular Structure and Dynamics	-	-	1	12	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1568304

363	Hsing-pang Hseih., Sorokhaibam Suresh Kumar Singh., Padma Raj Gajurel., Kannadasan S., Mohane Selvaraj Coumar., Hemant Arya., Suresh Yadav C., Shu-yu Lin., Safiulla Basha Syed., Mariasoosai Ramya Chandar Charles	Design of a potent anticancer lead inspired by natural products from traditional Indian medicine	Journal of Biomolecular Structure and Dynamics			1	19	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1664326
364	Mohana Priya A., Christina Nilofer., Anshul Sukhwal., Sakharkar Meena Kishore., Kangueane Pandjassarame	Small proteinâ€“protein interfaces rich in electrostatic are often linked to regulatory function	Journal of Biomolecular Structure and Dynamics			1	20	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1657040
365	R A Jeyaram., Anuradha C., M Michael Gromiha., Veluraja K	Design of fluorinated sialic acid analog inhibitor to H5 Hemagglutinin of H5N1 Influenza virus through Molecular Dynamics simulation study	Journal of Biomolecular Structure and Dynamics			1	12	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1677500
366	Shruti S R., Rajasekaran R	Identification of therapeutic peptide scaffold from Tritrpticin family for urinary tract infections using in silico techniques	Journal of Biomolecular Structure and Dynamics			1	20	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1680437

367	Sudharsana Sundarrajan., Madhana Priya Nandakumar., Dhamodharan Prabhu., Jeyaraman Jeyakanthan., Mohanapriya Arumugam	Conformational insights into the inhibitory mechanism of phyto-compounds against SRC kinase family members implicated in psoriasis	Journal of Biomolecular Structure and Dynamics	-	-	1	16	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1605934?journalCode=tbsd20
368	Sriroopreddy Ramireddy., Raghuraman Pandiyan., Sudandiradoss Chinnappan	Structural debilitation of mutation G322D associated with MSH2 and their role in triple negative breast cancer	Journal of Biomolecular Structure and Dynamics	-	-	1	16	3.31	https://www.tandfonline.com/doi/abs/10.1080/07391102.2019.1587512
369	RambabuKrishnamoorthy., BharathGovindan., FawziBanat., VeluSagadevan., Monash Purushothaman., Pau Loke Show	Date pits activated carbon for divalent lead ions removal	Journal of Bioscience and Bioengineering	-	-	-	-	2.03	https://www.sciencedirect.com/science/article/pii/S1389172318309162
370	Manjima Chatterjee., Sonali Sengupta	Emerging roles of long non-coding RNAs in cancer	Journal of Biosciences	-	-	-	-	1.82	https://link.springer.com/article/10.1007/s12038-018-9820-z
371	Ramkumar V.R., Murali G., Asrani N.P., Karthikeyan K.	Development of a novel low carbon cementitious two stage layered fibrous concrete with superior impact strength	Journal of Building Engineering	25	-	-	-	2.38	https://doi.org/10.1016/j.jobe.2019.100841
372	Rama Jayaraj., Chellan Kumarasamy., Shanthi Sabarimurugan., Siddhartha Baxi	Diagnostic and prognostic value of microRNAs for cancers-strategies and approaches to improve the clinical utility	Journal of Cancer	10	5	1252	1253	3.18	http://www.jcancer.org/v10p1252.pdf

373	K Srinivasan., E James Jabaseelan Samuel	Water equivalent radiological properties of Gafchromic external beam therapy and external beam therapy 2 film dosimeters	Journal of Cancer Research and Therapeutics	-	-	-	-	1.39	http://www.cancerjournal.net/preprintarticle.asp?id=243506;type=0
374	Parasuraman P., Selvin J.F.A., Gromiha M.M., Fukui K., Veluraja K.	Investigation on the binding specificity of Agrocybe cylindracea galectin towards Î±(2,6)-linked sialyllactose by molecular modeling and molecular dynamics simulations	Journal of Carbohydrate Chemistry	38	9	566	585	0.83	https://doi.org/10.1080/07328303.2019.1631323
375	Santhoshkumar R., Asha Devi S.	Protective effect of Abutilon indicum against lead-induced reproductive toxicity in male Wistar rats	Journal of Cellular Biochemistry	120	7	11196	11205	3.45	https://doi.org/10.1002/jcb.28395
376	Venkatesan A., Febin Prabhu Dass J.	Review on chemogenomic approaches towards hepatitis C viral targets	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.28581
377	Gandhi Muruganandhan S., Manian R.	Computational and artificial neural network based study of functional SNPs of human LEPR protein associated with reproductive function	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.29212
378	Ranganathan, Parameswari; Rao, Kamini Aravind; Balasundaram, Sridharan Thalaivarasai	y Deterioration of semen quality and sperm-DNA integrity as influenced by cigarette smoking in fertile and infertile human male smokersA prospective study	JOURNAL OF CELLULAR BIOCHEMISTRY	120	7	11784	11793	3.45	https://doi.org/10.1002/jcb.28458

379	Priyadharshini, Christy J.; Kumar, Thirumal D.; Sneha, P.; Siva, R.; Jebaraj, Charles Emmanuel W.; Doss, George Priya C.; Zayed, Hatem	An integrative bioinformatics pipeline to demonstrate the alteration of the interaction between the ALDH2*2 allele with NAD(+) and Disulfiram	JOURNAL OF CELLULAR BIOCHEMISTRY	120	10	17030	17041	3.45	https://doi.org/10.1002/jcb.28964
380	Jeyanthi Palanivelu., Ramalingam Chidambaram	Acetylcholinesterase with mesoporous silica: Covalent immobilization, physiochemical characterization, and its application in food for pesticide detection	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28369
381	M Abinaya., M Gayathri	Biodegradable collagen from Scomberomorus lineolatus skin for wound healing dressings and its application on antibiofilm properties	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28824
382	Vishnupriya Subramaniyan., Kalaichelvan Gurumurthy	Diversity of probiotic adhesion genes in the gastrointestinal tract of goats	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28508
383	Sravan Kumar Miryala., Anand Anbarasu., Sudha Ramaiah	Impact of bedaquiline and capreomycin on the gene expression patterns of multidrugâ€resistant Mycobacterium tuberculosis H37Rv strain and understanding the molecular mechanism of antibiotic resistance	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28711
384	Manjima Chatterjee., Febin Prabhu Dass J., Sonali Sengupta	Nuclear stress bodies: Interaction of its components in oncogenic regulation	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28731

385	Ajitha Gomathi., Kodiveri Muthukalianan Gothandam	Investigation of antiâ€Inflammatory and toxicity effects of mangroveâ€Derived Streptomyces rochei strain VITGAP173	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28969
386	Vinodhini S., Rajeswari V.D.	Exploring the antidiabetic and anti-obesity properties of Samanea saman through in vitro and in vivo approaches	Journal of Cellular Biochemistry	120	2	1539	1549	3.45	https://doi.org/10.1002/jcb.27385
387	Ganesan R., Rasool M.	Ferulic acid inhibits interleukin 17-dependent expression of nodal pathogenic mediators in fibroblast-like synoviocytes of rheumatoid arthritis	Journal of Cellular Biochemistry	120	2	1878	1893	3.45	https://doi.org/10.1002/jcb.27502
388	Malathi K., Ramaiah S.	Mechanism of imipenem resistance in metallo-Î²-lactamases expressing pathogenic bacterial spp. and identification of potential inhibitors: An in silico approach	Journal of Cellular Biochemistry	120	1	584	591	3.45	https://doi.org/10.1002/jcb.27414
389	Rout M., Lulu S S.	Molecular and disease association of gestational diabetes mellitus affected mother and placental datasets reveal a strong link between insulin growth factor (IGF) genes in amino acid transport pathway: A network biology approach	Journal of Cellular Biochemistry	120	2	1577	1587	3.45	https://doi.org/10.1002/jcb.27418
390	Nathiya Ranganathan., Gayathri Mahalingam	2,4,6â€Triphenylaniline nanoemulsion formulation, optimization, and its application in type 2 diabetes mellitus	Journal of cellular physiology	-	-	-	-	4.52	https://onlinelibrary.wiley.com/doi/abs/10.1002/jcp.28814

391	Mukesh Doble., Manju S L., Shweta Sinha	Chalcone-Thiazole Hybrids: Rational Design, Synthesis, and Lead Identification against 5-Lipoxygenase	ACS Medicinal Chemistry Letters					3.74	https://doi.org/10.1021/acsmedchemlett.9b00193
392	Kumar A., Mukherjee D., Satpati P.	Mutations in Parkinson's Disease Associated Protein DJ-1 Alter the Energetics of DJ-1 Dimerization	Journal of Chemical Information and Modeling	59	4	1497	1507	3.97	https://doi.org/10.1021/acs.jcim.8b00687
393	Shankar Sengottuvelan., Ritika Uppal., Suneetha Vuppu	Validation of a sensitive simultaneous LC-MS/MS method for the quantification of novel anti-cancer thiazolidinedione and quinazolin-4-one derivatives in rat plasma and its application in a rat pharmacokinetic study	Journal of Chromatography B	1121	-	18	27	2.81	https://www.sciencedirect.com/science/article/pii/S1570023219303083
394	Padmanathan K., Govindarajan U., Ramachandaramurthy V.K., Rajagopalan A., Pachaivannan N., Sowmmiya U., Padmanaban S., Holm-Nielsen J.B., Xavier S., Periasamy S.K.	A sociocultural study on solar photovoltaic energy system in India: Stratification and policy implication	Journal of Cleaner Production	216	-	461	481	6.4	https://doi.org/10.1016/j.jclepro.2018.12.225
395	Jambulingam R., Shalma M., Shankar V.	Biodiesel production using lipase immobilised functionalized magnetic nanocatalyst from oleaginous fungal lipid	Journal of Cleaner Production	215	-	245	258	6.4	https://doi.org/10.1016/j.jclepro.2018.12.146

396	Anjum H., Johari K., Gnanasundaram N., Appusamy A., Thanabalan M.	Investigation of green functionalization of multiwall carbon nanotubes and its application in adsorption of benzene, toluene & p-xylene from aqueous solution	Journal of Cleaner Production	221	-	323	338	6.4	https://doi.org/10.1016/j.jclepro.2019.02.233
397	Kavitha M.S., Murugavelh S.	Optimization and transesterification of sterculia oil: Assessment of engine performance, emission and combustion analysis	Journal of Cleaner Production	234	-	1192	1209	6.4	https://doi.org/10.1016/j.jclepro.2019.06.240
398	Yadav A.L., Sairam V., Muruganandam L., Srinivasan K.	An overview of the influences of mechanical and chemical processing on sugarcane bagasse ash characterisation as a supplementary cementitious material	Journal of Cleaner Production	-	-	-	-	6.4	https://doi.org/10.1016/j.jclepro.2019.118854
399	Mishra U., Wu J.-Z., Tsao Y.-C., Tseng M.-L.	Sustainable inventory system with controllable non-instantaneous deterioration and environmental emission rates	Journal of Cleaner Production	-	-	-	-	6.4	https://doi.org/10.1016/j.jclepro.2019.118807
400	Mishra U., Wu J.-Z., Tseng M.-L.	Effects of a hybrid-price-stock dependent demand on the optimal solutions of a deteriorating inventory system and trade credit policy on re-manufactured product	Journal of Cleaner Production	241	-	-	-	6.4	https://doi.org/10.1016/j.jclepro.2019.118282
401	Ravikumar K.V.G., Sudakaran S.V., Ravichandran K., Pulimi M., Natarajan C., Mukherjee A.	Green synthesis of NiFe nano particles using Punica granatum peel extract for tetracycline removal	Journal of Cleaner Production	210	-	767	776	6.4	https://doi.org/10.1016/j.jclepro.2018.11.108

402	Vyavahare G., Jadhav P., Jadhav J., Patil R., Aware C., Patil D., Gophane A., Yang Y.-H., Gurav R.	Strategies for crystal violet dye sorption on biochar derived from mango leaves and evaluation of residual dye toxicity	Journal of Cleaner Production	207	-	296	305	6.4	https://doi.org/10.1016/j.jclepro.2018.09.193
403	Roopan S.M., Sharma H., Kumar G., Mishra A., Agarwal V., Agrawaal H., Elango G., Damodharan K.I., Elumalai K.	A Green Systematic Approach of Carbon/CuO Nano Composites Using Aristolochia bracteolate by Response Surface Methodology	Journal of Cluster Science	-	-	-	-	2.13	https://doi.org/10.1007/s10876-019-01613-9
404	Vijayakumar S., Vaseeharan B., Sudhakaran R., Jeyakandan J., Ramasamy P., Sonawane A., Padhi A., Velusamy P., Anbu P., Faggio C.	Bioinspired Zinc Oxide Nanoparticles Using Lycopersicon esculentum for Antimicrobial and Anticancer Applications	Journal of Cluster Science	-	-	-	-	2.13	https://doi.org/10.1007/s10876-019-01590-z
405	Fowsiya J., Madhumitha G.	Biomolecules Derived from Carissa edulis for the Microwave Assisted Synthesis of Ag2O Nanoparticles: A Study Against S. incertulas, C. medinalis and S. mauritia	Journal of Cluster Science	30	5	1243	1252	2.13	https://doi.org/10.1007/s10876-019-01627-3
406	Raguraman V., Suthindhiran K.	Comparative Studies on Functionalization of Bacterial Magnetic Nanoparticles for Drug Delivery	Journal of Cluster Science	-	-	-	-	2.13	https://doi.org/10.1007/s10876-019-01737-y

407	M Parthibavarman., M Karthik., S Prabhakaran	Role of Microwave on Structural, Morphological, Optical and Visible Light Photocatalytic Performance of WO3 Nanostructures	Journal of Cluster Science	30	2	495	506	2.13	https://link.springer.com/article/10.1007/s10876-019-01512-z
408	Deena Titus., E James Jebaseelan Samuel	Photocatalytic Degradation of Azo Dye Using Biogenic SnO2 Nanoparticles with Antifungal Property: RSM Optimization and Kinetic Study	Journal of Cluster Science	-	-	1	11	2.13	https://link.springer.com/article/10.1007/s10876-019-01585-w
409	Lakshmanareddy N., Navakoteswara Rao V., Cheralathan K.K., Subramaniam E.P., Shankar M.V.	Pt/TiO2 nanotube photocatalyst ââ,¬â€œ Effect of synthesis methods on valance state of Pt and its influence on hydrogen production and dye degradation	Journal of Colloid and Interface Science	538	-	83	98	6.36	https://doi.org/10.1016/j.jcis.2018.11.077
410	Qubeijian Wang., Hong-ning Dai., Guangquan Xu., Arun Kumar S., Hao Wang	UAV-enabled Friendly Jamming Scheme to Secure Industrial Internet of Things	Journal of Communications and Networks			1	10	1.63	https://www.researchgate.net/profile/Hong-Ning_Dai/publication/335154465_UAV-enabled_friendly_jamming_scheme_to_secure_industrial_Internet_of_Things/links/5d5a6a3792851c3763694c67/UAV-enabled-friendly-jamming-scheme-to-secure-industrial-Internet-of-Things.pdf
411	Senthil Kumar R., Prabu K., Rajamurugan G., Ponnusamy P.	Comparative analysis of particle size on the mechanical and metallurgical characteristics of Al2O3-reinforced sintered and extruded AA2014 nano-hybrid composite	Journal of Composite Materials	-	-	-	-	1.76	https://doi.org/10.1177/0021998319856676

412	Sikarwar, Rahul S.; Velmurugan, R.	Impact damage assessment of carbon fiber reinforced composite with different stacking sequence	JOURNAL OF COMPOSITE MATERIALS	-	-	-	-	1.76	https://doi.org/10.1177/0021998319859934
413	Mandal M., Nelakanti G.	Superconvergence results of Legendre spectral projection methods for weakly singular Fredholmâå,¬â€œHammerstein integral equations	Journal of Computational and Applied Mathematics	349	-	114	131	1.88	https://doi.org/10.1016/j.cam.2018.09.032
414	Satyanarayana S.V.V., Shailendra S.R., Ramakrishnan V.N., Sriadibhatla S.	Dual-chirality GAA-CNTFET-based SCPF-TCAM cell design for low power and high performance	Journal of Computational Electronics	-	-	-	-	1.64	https://doi.org/10.1007/s10825-019-01362-y
415	Thriveni G., Ghosh K.	Theoretical analysis and optimization of high-k dielectric layers for designing high-performance and low-power-dissipation nanoscale double-gate MOSFETs	Journal of Computational Electronics	-	-	-	-	1.64	https://doi.org/10.1007/s10825-019-01353-z
416	Chandrasekhar A., Vivekananthan V., Khandelwal G., Kim S.-J.	Sustainable Human-Machine Interactive Triboelectric Nanogenerator toward a Smart Computer Mouse	ACS Sustainable Chemistry and Engineering	7	7	7177	7182	6.97	https://doi.org/10.1021/acssuschemeng.9b00175
417	Sivanesan D., Bhatti U.H., Youn M.H., Park K.T., Kim H.J., Grace A.N., Hoon Choi S., Jeong S.K.	Catalytic characteristics of metal catalysts and nitrate salt of a tripodal ligand in a basic medium for postcombustion CO2 capture process	ACS Sustainable Chemistry and Engineering	7	14	11955	11962	6.97	https://doi.org/10.1021/acssuschemeng.9b00179
418	Rajesh N.P., Ananthi V.J., Vinitha G.	Investigations on single crystal growth and nonlinear optical studies of 2-Hydroxy-1-naphthaldehyde	Journal of Crystal Growth	511	-	25	32	1.57	https://doi.org/10.1016/j.jcrysgro.2019.01.017

419	T.Arivazhagan., G.Vinitha., Narayana Perumal Rajesh	Growth and characterization of diphenylmethanol single crystal by vertical Bridgman technique for second and third order nonlinear optical applications	Journal of Crystal Growth	512	-	181	188	1.57	https://www.sciencedirect.com/science/article/pii/S0022024819301101
420	Safdar R., Gnanasundaram N., Iyyasami R., Appusamy A., Papadimitriou S., Thanabalan M.	Preparation, characterization and stability evaluation of ionic liquid blended chitosan tripolyphosphate microparticles	Journal of Drug Delivery Science and Technology	50	-	217	225	2.61	https://doi.org/10.1016/j.jddst.2019.01.027
421	Ayyanaar S., Kesavan M.P., Sivaraman G., Raja R.P., Vijayakumar V., Rajesh J., Rajagopal G.	Reactive oxygen species (ROS)-responsive microspheres for targeted drug delivery of camptothecin	Journal of Drug Delivery Science and Technology	52	-	722	729	2.61	https://doi.org/10.1016/j.jddst.2019.05.036
422	Rethinam S., Wilson Aruni A., Vijayan S., Munusamy C., Gobi N.	Enhanced bone regeneration using an electrospun nanofibrous membrane â€“ A novel approach	Journal of Drug Delivery Science and Technology	53	-	-	-	2.61	https://doi.org/10.1016/j.jddst.2019.101163
423	Amatullah Nakara., Soumya Menon., Venkat Kumar S., Happy Agarwal	Eco-friendly synthesis of zinc oxide nanoparticles using Cinnamomum Tamala leaf extract and its promising effect towards the antibacterial activity	Journal of Drug Delivery Science and Technology	53				2.61	https://www.sciencedirect.com/science/article/pii/S1773224719307361
424	Happy Agarwal., Venkat Kumar S	Synthesis and optimization of zinc oxide nanoparticles using Kalanchoe pinnata towards the evaluation of its anti-inflammatory activity	Journal of Drug Delivery Science and Technology	54				2.61	https://www.sciencedirect.com/science/article/pii/S1773224719308196

425	R Ramakrishnan., Kolathayar Sreevalsa., TG Sitharam	Development of New Ground Motion Prediction Equation for the North and Central Himalayas Using Recorded Strong Motion Data	Journal of Earthquake Engineering	-	-	1	24	2.75	https://www.tandfonline.com/doi/abs/10.1080/13632469.2019.1605318?journalCode=ueqe20
426	R Ramkrishnan., Sreevalsa Kolathayar., TG Sitharam	Seismic Hazard Assessment and Land Use Analysis of Mangalore City, Karnataka, India	Journal of Earthquake Engineering	-	-	1	22	2.75	https://www.tandfonline.com/doi/abs/10.1080/13632469.2019.1608333
427	Swathika O.V.G., Hemapala K.T.M.U.	IOT Based Energy Management System for Standalone PV Systems	Journal of Electrical Engineering and Technology	-	-	-	-	0.72	https://doi.org/10.1007/s42835-019-00193-y
428	Ragam Rajagopal., K Palanisamy., S Paramasivam	Shunt Active Filter Based on 7-Level Cascaded Multilevel Inverter for Harmonic and Reactive Power Compensation	Journal of Electrical Engineering And Technology	-	-	1	9	0.72	https://link.springer.com/article/10.1007/s42835-019-00201-1
429	Nisha S., Kumar A.S.	Electrochemical conversion of triamterene-diuretic drug to hydroxybenzene-triamterene intermediate mimicking the pharmacokinetic reaction on multiwalled carbon nanotube surface and its electrocatalytic oxidation function of thiol	Journal of Electroanalytical Chemistry	839	-	214	223	3.22	https://doi.org/10.1016/j.jelechem.2019.03.039
430	Chen Y.-J., Yang T.-H., Chang J.-L., Cheng W.-L., Kumar A.S., Zen J.-M.	A catholically pre-treated low cost screen-printed carbon electrode surface for metal compounds electrocatalyst like hydrogen evolution activity	Journal of Electroanalytical Chemistry	839	-	59	66	3.22	https://doi.org/10.1016/j.jelechem.2019.02.038

431	Vishnu N., Kumar A.S., Badhulika S.	Selective in-situ derivatization of intrinsic nickel to nickel hexacyanoferrate on carbon nanotube and its application for electrochemical sensing of hydrazine	Journal of Electroanalytical Chemistry	837	-	60	66	3.22	https://doi.org/10.1016/j.jelechem.2019.02.015
432	Adhiyaman Manickam., Rishin Haldar., Syed Muhammad Saqlain., Veerappan Sellam., Rajkumar Soundrapandiyan	Fingerprint image classification using local diagonal and directional extrema patterns	Journal of Electronic Imaging	28	3	33027	33027	0.92	https://www.spiedigitallibrary.org/journals/Journal-of-Electronic-Imaging/volume-28/issue-3/033027/Fingerprint-image-classification-using-local-diagonal-and-directional-extrema-patterns/10.1117/1.JEI.28.3.033027.short?SSO=1
433	Vadamala P.R., Aklak A.F.	Adaptive patch feature matching and scale estimation for visual object tracking	Journal of Electronic Imaging	28	3	-	-	0.92	https://doi.org/10.1117/1.JEI.28.3.033037
434	Uma Sathyakam P., Mallick P.S.	Triangular Carbon Nanotube Bundle Interconnects for Subthreshold VLSI Circuits	Journal of Electronic Materials	48	10	6372	6381	1.68	https://doi.org/10.1007/s11664-019-07431-z
435	Mullai R.U., Sivavishnu D., ArulJothi R., Vinitha G., Gopinath S., Vetrivel S.	Third Order Nonlinear Optical Properties of Piperazine Calcium Chloride (PCC) Crystal to Enhance the Optical Device Applications	Journal of Electronic Materials	-	-	-	-	1.68	https://doi.org/10.1007/s11664-019-07689-3
436	P Dhivya., R Arun Kumar., T Theivasanthi., G Vinitha., M D Kannan	Growth and Characterization of a Nonlinear Optical Material: l-Histidine-Doped Imidazolinium l-Tartrate	Journal of Electronic Materials	-	-	1	11	1.68	https://link.springer.com/article/10.1007/s11664-019-07218-2

437	Min-Suk Oh., R Nirmala., R Navamathavan	Improved Structural and Electrical Properties of ZnO-Based Thin Film Transistors by Using Pulsed KrF Excimer Laser Irradiation	Journal of Electronic Materials	-	-	1	8	1.68	https://link.springer.com/article/10.1007/s11664-019-07080-2
438	Cherukuri S.H.C., Saravanan B.	Hybrid energy management strategy for residential consumers using virtual and actual storage systems	Journal of Energy Storage	25	-	-	-	3.52	https://doi.org/10.1016/j.est.2019.100894
439	V K M., Hotta T.K.	Role of PCM based mini-channels for the cooling of multiple protruding IC chips on the SMPS board - A numerical study	Journal of Energy Storage	26	-	-	-	3.52	https://doi.org/10.1016/j.est.2019.100917
440	Kumar K.P., Saravanan B.	Day ahead scheduling of generation and storage in a microgrid considering demand Side management	Journal of Energy Storage	21	-	78	86	3.52	https://doi.org/10.1016/j.est.2018.11.010
441	Jeyapandiarajan, P.; Xavior, Anthony M.	Influence of cutting condition on machinability aspects of Inconel 718: A review paper	JOURNAL OF ENGINEERING RESEARCH	7	2	315	332	0.3	
442	Ravikumar K.V.G., Singh A.S., Sikarwar D., Gopal G., Das B., Mrudula P., Natarajan C., Mukherjee A.	Enhanced tetracycline removal by in-situ NiFe nanoparticles coated sand in column reactor	Journal of Environmental Management	236	-	93	99	4.87	https://doi.org/10.1016/j.jenvman.2019.01.109
443	Rajamani M., Rajendrakumar K.	Chitosan-boehmite desiccant composite as a promising adsorbent towards heavy metal removal	Journal of Environmental Management	244	-	257	264	4.87	https://doi.org/10.1016/j.jenvman.2019.05.056
444	Anjali R., Shanthakumar S.	Insights on the current status of occurrence and removal of antibiotics in wastewater by advanced oxidation processes	Journal of Environmental Management	246	-	51	62	4.87	https://doi.org/10.1016/j.jenvman.2019.05.090

445	Umamaheswari J., Shanthakumar S.	Phycoremediation of paddy-soaked wastewater by indigenous microalgae in open and closed culture system	Journal of Environmental Management	243	-	435	443	4.87	https://doi.org/10.1016/j.jenvman.2019.05.023
446	Rao V.N., Reddy N.L., Kumari M.M., Cheralathan K.K., Ravi P., Sathish M., Neppolian B., Reddy K.R., Shetti N.P., Prathap P., Aminabhavi T.M., Shankar M.V.	Sustainable hydrogen production for the greener environment by quantum dots-based efficient photocatalysts: A review	Journal of Environmental Management	248	-	-	-	4.87	https://doi.org/10.1016/j.jenvman.2019.07.017
447	DSaranya., SShanthakumar	Green microalgae for combined sewage and tannery effluent treatment: Performance and lipid accumulation potential	Journal of Environmental Management	241	-	167	168	4.87	https://www.sciencedirect.com/science/article/pii/S0301479719304888
448	Varadraj P. Gurupur., Shrirang A. Kulkarni., Xinliang Liu., Usha Desai., Ayan Nasir	Analysing the power of deep learning techniques over the traditional methods using medicare utilisation and provider data	Journal of Experimental and Theoretical Artificial Intelligence	-	-	1	17	2.11	https://www.tandfonline.com/doi/abs/10.1080/0952813X.2018.1518999
449	Baskararaj S., Theivendren P., Palanisamy P., Kannan S., Pavadai P., Arunachalam S., Sankaranarayanan M., Mohan U.P., Ramasamy L., Kunjiappan S.	Optimization of bioactive compounds extraction assisted by microwave parameters from Kappaphycus alvarezii using RSM and ANFIS modeling	Journal of Food Measurement and Characterization	-	-	-	-	1.42	https://doi.org/10.1007/s11694-019-00198-1
450	R Pandiselvam., M Balakrishnan., K Gomathy	Nonlinear and multiple linear regression analysis of airflow resistance in multiplier onion	Journal of Food Process Engineering					1.45	https://onlinelibrary.wiley.com/doi/abs/10.1111/jfpe.13280

451	Adarsh Abi Mathew., Venugopal T	Investigation on indirect natural convection solar drying of antiâ€Ediabetic medicinal products	Journal of Food Processing and Preservation					1.29	https://onlinelibrary.wiley.com/doi/abs/10.1111/jfpp.14170
452	PriyankaSarkar., KavithaThirumuruganan	Modulatory functions of bioactive fruits, vegetables and spices in adipogenesis and angiogenesis	Journal of Functional Foods	53	-	318	336	3.2	https://www.sciencedirect.com/science/article/pii/S1756464618306741
453	Vadivel S., Sennimalai C.S.	Failure Mechanism of Long-Runout Landslide Triggered by Heavy Rainfall in Achanakkal, Nilgiris, India	Journal of Geotechnical and Geoenvironmental Engineering	145	9	-	-	2.7	https://doi.org/10.1061/(ASCE)GT.1943-5606.0002099
454	Sushma Tejwani., M Francis., S Dinakaran., V Kamath., B Tilva., R K Das., R Shetty., Sinha Roy A	Influence of Anterior Biometry on Corneal Biomechanical Stiffness of Glaucomatous eyes Treated with Chronic Medication or Filtration Surgery	Journal of glaucoma	28	7	626	632	1.66	https://www.ncbi.nlm.nih.gov/pubmed/30921272
455	Anjum H., Johari K., Appusamy A., Gnanasundaram N., Thanabalan M.	Surface modification and characterization of carbonaceous adsorbents for the efficient removal of oil pollutants	Journal of Hazardous Materials	379	-	-	-	7.65	https://doi.org/10.1016/j.jhazmat.2019.05.066
456	Bandi S., Ravuri S., Peshwe D.R., Srivastav A.K.	Graphene from discharged dry cell battery electrodes	Journal of Hazardous Materials	-	-	358	369	7.65	https://doi.org/10.1016/j.jhazmat.2018.12.005
457	Animasaun I.L., Mahanthesh B., Jagun A.O., Bankole T.D., Sivaraj R., Shah N.A., Saleem S.	Significance of Lorentz Force and Thermoelectric on the Flow of 29 nm CuO-Water Nanofluid on an Upper Horizontal Surface of a Paraboloid of Revolution	Journal of Heat Transfer	141	2	1DUMY	-	1.48	https://doi.org/10.1115/1.4041971

458	Chenna Reddy M.L., Patil V.B., Nawaz Khan F.R., Saravanan V.	Synthesis of Imidazo[1,2-a]pyridines and Imidazo[2,1-b]thiazoles Attached to a Cycloalkyl or Saturated Heterocycle Containing a Tertiary Hydroxy Substitution	Journal of Heterocyclic Chemistry	56	5	1486	1497	1.24	https://doi.org/10.1002/jhet.3454
459	Mermer A., Demirbas N., Cakmak U., Colak A., Demirbas A., Alagumuthu M., Arumugam S.	Discovery of Novel Sulfonamide-Based 5-Arylidenerhodanines as Effective Carbonic Anhydrase (II) Inhibitors: Microwave-Assisted and Ultrasound-Assisted One-Pot Four-Component Synthesis, Molecular Docking, and Anti-CA II Screening Studies	Journal of Heterocyclic Chemistry	56	9	2460	2468	1.24	https://doi.org/10.1002/jhet.3635
460	Reddy M.M., Sivaramakrishna A.	Remarkably flexible quinazolinonesâ€”synthesis and biological applications	Journal of Heterocyclic Chemistry	-	-	-	-	1.24	https://doi.org/10.1002/jhet.3844
461	Sabina E.P., Peter S J., Prathap S., Geetha A.	A comparison of hepatoprotective activity of Bacoside to Silymarin treatment against a combined Isoniazid and Rifampin-induced hepatotoxicity in female Wistar rats	Journal of Histotechnology	42	3	128	136	0.33	https://doi.org/10.1080/01478885.2019.1638535

462	Lokeshwaran K., Hemadou A., Jayaprakash N.S., Prasanna R.R., Jacobin-Valat M.-J., Dieryck W., Joucla G., Vijayalakshmi M.A., Clofent-Sanchez G., Santarelli X., Venkataraman K.	Development of anti-chloro 192 tyrosine HDL apoA-I antibodies for the immunodiagnosis of cardiovascular diseases	Journal of Immunological Methods	474	-	-	-	1.91	https://doi.org/10.1016/j.jim.2019.112637
463	Krishnasamy P., G R., M T.	Dynamic mechanical characteristics of jute fiber and 304 wire mesh reinforced epoxy composite	Journal of Industrial Textiles	-	-	-	-	1.88	https://doi.org/10.1177/1528083719883057
464	Priyanka S., Jayashree M., Shivani R., Anwesha S., Bhaskara Rao K.V., I A.E.	Characterisation and identification of antibacterial compound from marine actinobacteria: In vitro and in silico analysis	Journal of Infection and Public Health	12	1	83	89	2.49	https://doi.org/10.1016/j.jiph.2018.09.005
465	C Gandhi., P Ramesh Babu., K Senthilnathan	Designing a Broadband Terahertz Half-Wave Plate Using an Anisotropic Metasurface	Journal of Infrared, Millimeter, and Terahertz Waves	-	-	1	16	1.76	https://link.springer.com/article/10.1007/s10762-019-00575-3
466	A W Mohammadh Saadh., T Ali	A compact coaxial fed metamaterial antenna for wireless applications	Journal of Instrumentation	14	6	6025	6025	1.37	https://iopscience.iop.org/article/10.1088/1748-0221/14/06/P06025/meta
467	Arunkumari T., Indragandhi V.	A fuzzy controlled high gain DC-DC converter for renewable power generation	Journal of Intelligent and Fuzzy Systems	36	5	-	-	1.64	https://doi.org/10.3233/JIFS-169975
468	Kirn Kumar N., Indra Gandhi V.	Implementation of fuzzy logic controller in power system applications	Journal of Intelligent and Fuzzy Systems	36	5	-	-	1.64	https://doi.org/10.3233/JIFS-169971

469	Kumar C., Sathish Kumar K., Indra Gandhi V., Vijayakumar V., Rawal B.S.	A novel distribution system reconfiguration for loss minimization using symbiotic organism search algorithm	Journal of Intelligent and Fuzzy Systems	36	5	4319	4326	1.64	https://doi.org/10.3233/JIFS-169988
470	Ezhilarasie R., Umamakeswari A., Reddy M.S., Balakrishnan P.	Grefenstette Bias based genetic algorithm for multi-site offloading using docker container in edge computing	Journal of Intelligent and Fuzzy Systems	36	3	2419	2429	1.64	https://doi.org/10.3233/JIFS-169953
471	Vijayakumar V., Subramaniyaswamy V., Abawajy J., Yang L.	Intelligent, smart and scalable cyber-physical systems	Journal of Intelligent and Fuzzy Systems	36	5	3935	3943	1.64	https://doi.org/10.3233/JIFS-179108
472	Wang J., Karuppiah M., Kumari S., Kong Z., Shi W.	A privacy-preserving spectrum auction scheme using paillier cryptosystem with public verification	Journal of Intelligent and Fuzzy Systems	36	5	4215	4226	1.64	https://doi.org/10.3233/JIFS-169979
473	Zeng D., Dai Y., Li F., Wang J., Sangaiah A.K.	Aspect based sentiment analysis by a linguistically regularized CNN with gated mechanism	Journal of Intelligent and Fuzzy Systems	36	5	3971	3980	1.64	https://doi.org/10.3233/JIFS-169958
474	Huang H., Zeng S., Sangaiah A.K., Wang J.	Beamforming aided SSK modulation for MIMO system with energy harvesting	Journal of Intelligent and Fuzzy Systems	36	5	4017	4023	1.64	https://doi.org/10.3233/JIFS-169962
475	Narasappa J.H., Rekha D.	Energy aware methodical data forwarding (eamdf) mechanism in vanet	Journal of Intelligent and Fuzzy Systems	36	5	4293	4303	1.64	https://doi.org/10.3233/JIFS-169986
476	Pradhan B., Vijayakumar V., Hui N.B., Sinha Roy D.	Intelligent navigation of multiple coordinated robots	Journal of Intelligent and Fuzzy Systems	36	5	4413	4423	1.64	https://doi.org/10.3233/JIFS-169996
477	Umadevi K.S., Balakrishnan P., Kousalya G.	Intrusion detection system using timed automata for cyber physical systems	Journal of Intelligent and Fuzzy Systems	36	5	4005	4015	1.64	https://doi.org/10.3233/JIFS-169961

478	Poongodi M., Vijayakumar V., Rawal B., Bhardwaj V., Agarwal T., Jain A., Ramanathan L., Sriram V.P.	Recommendation model based on trust relations & user credibility	Journal of Intelligent and Fuzzy Systems	36	5	4057	4064	1.64	https://doi.org/10.3233/JIFS-169966
479	Anusooya G., Vijayakumar V., Narayanan V.N.	Reducing the carbon emission by early prediction of peak time load in a data center	Journal of Intelligent and Fuzzy Systems	36	5	4341	4348	1.64	https://doi.org/10.3233/JIFS-169990
480	Amali D.G.B., Dinakaran M.	Wildebeest herd optimization: A new global optimization algorithm inspired by wildebeest herding behaviour	Journal of Intelligent and Fuzzy Systems	37	6	8063	8076	1.64	https://doi.org/10.3233/JIFS-190495
481	Ramya KC., Kumar K Vinoth., Irfan Muhammad., Mesforush Shaghayegh., Mohanasundaram K., Vijayakumar V	Fuzzy based hybrid incorporating wind solar energy source by reduced harmonics	Journal of Intelligent & Fuzzy Systems	-	-	1	10	1.64	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169982
482	Naik Ganesh R., Maheswari Karan., Joseph Raj Alex Noelb., Mahesh Vijayalakshmi Gv., Zhuang Zhemin., Elizabeth Rufus., Shivakumara Palaiahnakote	Bilingual text detection in natural scene images using invariant moments	Journal of Intelligent and Fuzzy Systems			1	12	1.64	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs190339

483	Kathiravan Srinivasan., Aswani Kumar Cherukuri., Durai Raj Vincent., Ashish Garg., Bor-yann Chen	An Efficient Implementation of Artificial Neural Networks with K-fold Cross-validation for Process Optimization	Journal of Internet Technology			1213	1225	0.72	https://jit.ndhu.edu.tw/article/view/2097/2110
484	R Jayaraj., C Kumarasamy., S Sabarimurugan., Madhav M R	Approaches to interpreting the clinical outcomes of a metaâ€analysis on analgesic efficacy of the Pecsâ€ block	Anaesthesia	74	11	1473	1474	5.88	https://onlinelibrary.wiley.com/doi/full/10.1111/anae.14753
485	Chakraborty D., Shaik K.	Effect of doping concentration, temperature and magnetic field on magnetic properties of Mn doped ITO nanoparticles and thin films	Journal of Magnetism and Magnetic Materials	486	-	-	-	2.68	https://doi.org/10.1016/j.jmmm.2019.165268
486	Jeyasubramanian K., William R.V., Thiruramanathan P., Hikku G.S., Vimal Kumar M., Ashima B., Veluswamy P., Ikeda H.	Dielectric and magnetic properties of nanoporous nickel doped zinc oxide for spintronic applications	Journal of Magnetism and Magnetic Materials	485	-	27	35	2.68	https://doi.org/10.1016/j.jmmm.2019.04.032
487	P R., M A., N A., A S., V P.P.K.	Investigations on induced residual stresses, mechanical and metallurgical properties of CO2 laser beam and pulse current gas tungsten arc welded SMO 254	Journal of Manufacturing Processes	44	-	81	90	3.46	https://doi.org/10.1016/j.jmapro.2019.05.044
488	Sathishkumar M., Manikandan M.	Preclusion of carbide precipitates in the Hastelloy X weldment using the current pulsing technique	Journal of Manufacturing Processes	45	-	9	21	3.46	https://doi.org/10.1016/j.jmapro.2019.06.027

489	Vivekananthan V., Alluri N.R., Chandrasekhar A., Purusothaman Y., Gupta A., Kim S.-J.	Zero-power consuming intruder identification system by enhanced piezoelectricity of K0.5Na0.5NbO3 using substitutional doping of BTO NPs	Journal of Materials Chemistry C	7	25	7563	7571	6.64	https://doi.org/10.1039/c8tc06626d
490	Manivannan S., Senthil Kumaran S., Vallimanalan A., Mahendran R., Kumaresh Babu S.P.	Stress Corrosion Cracking of AZ91 + xCe Alloy Using Proof Ring Test in ASTM D1384 and NaCl-K 2 CrO 4 Solutions	Journal of Materials Engineering and Performance	-	-	-	-	1.48	https://doi.org/10.1007/s11665-019-04054-7
491	Srinivasan N., Kumaran S.S.	Role of Alloy Chemistry on Stability of Passive Films in Austenitic Stainless Steel	Journal of Materials Engineering and Performance	-	-	-	-	1.48	https://doi.org/10.1007/s11665-019-04108-w
492	devendranath Ramkumar K., Ninad Mehta., Satyam Shukla., Prateek Parameswar., V Jaya Surya., R Rishi Bharadwaj., Pranav Nikam., Xizhang Chen	Microstructure Evolution, Structural Integrity, and Hot Corrosion Performance of Nitrogen-Enhanced Stainless Steel Welds	Journal of Materials Engineering and Performance			1	14	1.48	https://link.springer.com/article/10.1007/s11665-019-04290-x
493	S Sujai., K Devendranath Ramkumar	Microstructure and Mechanical Characterization of Incoloy 925 Welds in the As-Welded and Direct Aged Conditions	Journal of Materials Engineering and Performance	-	-	1	18	1.48	https://link.springer.com/article/10.1007/s11665-019-03960-0
494	Ramkumar K.D., Dharmik K., Noronha B., Giri Mugundan K., Bhargav S., Phani Prabhakar K.V.	Structure-property evaluation of single pass Laser-arc hybrid welding of re-sulphurized martensitic stainless steel	Journal of Materials Processing Technology	271	-	413	419	4.18	https://doi.org/10.1016/j.jmatprotec.2019.04.016

495	Arun D., Devendranath Ramkumar K., Vimala R.	Multi-pass arc welding techniques of 12â€¯mm thick super-duplex stainless steel	Journal of Materials Processing Technology	271	-	126	143	4.18	https://doi.org/10.1016/j.jmatprotec.2019.03.031
496	Devendranath Ramkumar K., Narenthiran A., Konjenti A., Pravin P.N., Kanish T.C.	Effect of low energy laser shock peening on the mechanical integrity of Hastelloy C-276 welds	Journal of Materials Processing Technology	274	-	-	-	4.18	https://doi.org/10.1016/j.jmatprotec.2019.116296
497	K. D.R., Sidharth D., K.V. P.P., Rajendran R., K. G.M., Narayanan S.	Microstructure and properties of inconel 718 and AISI 416 laser welded joints	Journal of Materials Processing Technology	266	-	52	62	4.18	https://doi.org/10.1016/j.jmatprotec.2018.10.039
498	Anbarasan N., Jerome S., Arivazhagan N.	Argon and argon-hydrogen shielding gas effects on the laves phase formation and corrosion behavior of Inconel 718 gas tungsten arc welds	Journal of Materials Processing Technology	263	-	374	384	4.18	https://doi.org/10.1016/j.jmatprotec.2018.07.038
499	Nandan K.R., Kumar A.R.	Structural and electrical properties of Ca0.9Dy0.1MnO3 prepared by sol-gel technique.	Journal of Materials Research and Technology	8	3	2996	3003	3.33	https://doi.org/10.1016/j.jmrt.2017.05.020
500	Mahendran R., Manivannan S., Kumaran S.S., Vallimanalan A., Murali M., Raj S.G., Babu S.P.K.	Crystal growth behavior and phase stability of rare earth oxides (4 mol.% GdO1.5-4 mol.% SmO1.5) doped zirconia nanopowders	Journal of Materials Research and Technology	-	-	-	-	3.33	https://doi.org/10.1016/j.jmrt.2019.09.058
501	Pavithra, C.; Madhuri, W.	Electrical and magnetic properties of NiTiO3 nanoparticles synthesized by the sol-gel synthesis method and microwave sintering	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	8	3	3097	3101	3.33	https://doi.org/10.1016/j.jmrt.2017.07.007

502	Allen Moses S.E., Tamilselvan S., Ravi Kumar S.M., Vinitha G., Hegde T.A., Shanmuga Sundar G.J., Vimalan M., Sivaraj S.	Crystal structure, spectroscopic, thermal, mechanical, linear optical, second order and third order nonlinear optical properties of semiorganic crystal: l-threoninium phosphate (LTP)	Journal of Materials Science: Materials in Electronics	30	9	9003	9014	2.2	https://doi.org/10.1007/s10854-019-01229-9
503	Ramamoorthy R., Eswaramoorthi V., Sundararajan M., Boobalan M., Sivagami A.D., Williams R.V.	Reduced graphene oxide modified titania photoanodes for fabrication of the efficient dye-sensitized solar cell	Journal of Materials Science: Materials in Electronics	-	-	-	-	2.2	https://doi.org/10.1007/s10854-019-01659-5
504	Joshi J.H., Kalainathan S., Joshi M.J., Parikh K.D.	Influence of l-serine on microstructural, spectroscopic, electrical and nonlinear optical performance of ammonium dihydrogen phosphate single crystal	Journal of Materials Science: Materials in Electronics	30	15	14243	14255	2.2	https://doi.org/10.1007/s10854-019-01793-0
505	Elangovan K., Senthil A., Vinitha G.	Growth, structure perfection and characterization of 2-methylimidazolium hydrogen oxalate dihydrate (2MIO) single crystal for NLO applications	Journal of Materials Science: Materials in Electronics	30	14	13664	13674	2.2	https://doi.org/10.1007/s10854-019-01742-x
506	Ajithkumar P., Mohana S., Sumathi S.	Synthesis, characterization, optical and photocatalytic activity of yttrium and copper co-doped zinc ferrite under visible light	Journal of Materials Science: Materials in Electronics	-	-	-	-	2.2	https://doi.org/10.1007/s10854-019-02628-8
507	R. Rajesh Kanna., K. Sakthipandi., N. Lenin., E. James Jebaseelan Samuel	Neodymium doped on the manganeseâ€'copper nanoferrites: analysis of structural, optical, dielectric and magnetic properties	Journal of Materials Science: Materials in Electronics	-	-	1	14	2.2	https://link.springer.com/article/10.1007/s10854-019-00736-z

508	P. Lokanatha Reddy., Kalim Deshmukh., K Chidambaram., Mohammad M. Nazeer Ali., Kishor Kumar Sadasivuni., Y. Ravi Kumar., R. Lakshmipathy., S. K. Khadheer Pasha	Dielectric properties of polyvinyl alcohol (PVA) nanocomposites filled with green synthesized zinc sulphide (ZnS) nanoparticles	Journal of Materials Science: Materials in Electronics	-	-	1	12	2.2	https://link.springer.com/article/10.1007/s10854-019-00761-y
509	Dhanumalayan E., Shaik Kaleemulla	Investigation of structure, dielectric and thermal properties of hexagonal boron nitride dispersed polymer blends	Journal of Materials Science: Materials in Electronics			1	14	2.2	https://doi.org/10.1007/s10854-019-02096-0
510	Tejaswi Ashok Hegde., Atanu Dutta., T C Sabari Girisun., M Abith., Vinitha G	Intensity tunable optical limiting behavior of an organometallic cesium hydrogen tartrate single crystal	Journal of Materials Science: Materials in Electronics			1	12	2.2	https://link.springer.com/article/10.1007/s10854-019-02245-5
511	D Arun kumar., S Kalainathan., Ravi Shanker Babu	Growth and characterization of 1,1,4,4-tetraphenyl-1,3-butadiene organic scintillation crystal	Journal of Materials Science: Materials in Electronics	-	-	1	8	2.2	https://link.springer.com/article/10.1007/s10854-019-01401-1
512	S Shalini., S Shahil Kirupavathy., Eunice Jerusha., G Vinitha	Linear and nonlinear optical properties of dimethylamino pyridinium p-bromo-chlorophenolate crystal for nonlinear optical devices	Journal of Materials Science: Materials in Electronics	-	-	1	9	2.2	https://link.springer.com/article/10.1007/s10854-019-00958-1
513	P Rekha., G Chakkaravarthi., R Mohan Kumar., G Vinitha., R Kanagadurai	Growth, structural and optical limiting property of a new third order nonlinear optical material: piperazinium bis (2-carboxypyridine) monohydrate	Journal of Materials Science: Materials in Electronics	-	-	1	18	2.2	https://link.springer.com/article/10.1007/s10854-019-01279-z

514	Joshi J.H., Kalainathan S., Kanchan D.K., Joshi M.J., Parikh K.D.	Crystal growth, A.C. electrical and nonlinear optical studies of pure and dl-methionine doped ammonium dihydrogen phosphate single crystals	Journal of Materials Science: Materials in Electronics	-	-	-	-	2.2	https://doi.org/10.1007/s10854-018-00577-2
515	Dhanalakshmi S., Senthil Kumar P., Karuthapandian S., Muthuraj V., Prithivikumaran N.	Design of Gd2O3 nanorods: a challenging photocatalyst for the degradation of neurotoxicity chloramphenicol drug	Journal of Materials Science: Materials in Electronics	-	-	-	-	2.2	https://doi.org/10.1007/s10854-018-00656-4
516	Dharmalingam K.M., Veeramuni M., Praveen T.	Analytical expressions of the substrate and mediator of multi-step enzyme electrodes	Journal of Mathematical Chemistry	57	4	986	1000	1.81	https://doi.org/10.1007/s10910-019-01003-6
517	Kumar M., Ramakrishnan R., Omarbekova A.	3D printed polycarbonate reinforced acrylonitrileâ€“butadieneâ€“styrene composites: Composition effects on mechanical properties, micro-structure and void formation study	Journal of Mechanical Science and Technology	33	11	5219	5226	1.22	https://doi.org/10.1007/s12206-019-1011-9
518	N Gobinath., T Venugopal	Nucleate pool boiling heat transfer characteristics of R600a with CuO nanoparticles	Journal of Mechanical Science and Technology	33	1	465	473	1.22	https://link.springer.com/article/10.1007/s12206-018-1246-x
519	Srivastava A.K., Singhvi S., Qiu L., King N.K.K., Ren H.	Image Guided Navigation Utilizing Intra-operative 3D Surface Scanning to Mitigate Morphological Deformation of Surface Anatomy	Journal of Medical and Biological Engineering	-	-	-	-	1.31	https://doi.org/10.1007/s40846-019-00475-w

520	Zhuang, Zhemin; Raj, Alex Noel Joseph; Jain, Atyant; Ruban, Nersisson; Chaurasia, Saksham; Li, Nan; Lakshmanan, M.; Murugappan, M.	Nipple Segmentation and Localization Using Modified U-Net on Breast Ultrasound Images	JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS	9	9	1827	1837	0.5	https://doi.org/10.1166/jmihi.2019.2828
521	Vijayarajeswari R., Nagabhushan M., Parthasarathy P.	An Enhanced Symptom Clustering with Profile Based Prescription Suggestion in Biomedical application	Journal of Medical Systems	43	6	-	-	2.42	https://doi.org/10.1007/s10916-019-1311-8
522	Prabu S., Lakshmanan M., Mohammed V.N.	A Multimodal Authentication for Biometric Recognition System using Intelligent Hybrid Fusion Techniques	Journal of Medical Systems	43	8	-	-	2.42	https://doi.org/10.1007/s10916-019-1391-5
523	Senthilkumar N.C., Pradeep Reddy C.	Collaborative Search Engine for Enhancing Personalized User Search Based on Domain Knowledge	Journal of Medical Systems	43	8	-	-	2.42	https://doi.org/10.1007/s10916-019-1350-1
524	Venkatesan R., Prabu S.	Hyperspectral Image Features Classification Using Deep Learning Recurrent Neural Networks	Journal of Medical Systems	43	7	-	-	2.42	https://doi.org/10.1007/s10916-019-1347-9
525	A Alavudeen Basha., S Vivekanandan., P Parthasarathy	Blood Glucose Regulation for Post-Operative Patients with Diabetics and Hypertension Continuum: A Cascade Control-Based Approach	Journal of Medical Systems	43	4	95	95	2.42	https://link.springer.com/article/10.1007/s10916-019-1224-6
526	Anjum H., Johari K., Gnanasundaram N., Ganesapillai M., Arunagiri A., Regupathi I., Thanabalan M.	A review on adsorptive removal of oil pollutants (BTEX) from wastewater using carbon nanotubes	Journal of Molecular Liquids	277	-	1005	1025	4.56	https://doi.org/10.1016/j.molliq.2018.10.105

527	Souayeh B., Reddy M.G., Sreenivasulu P., Poornima T., Rahimi-Gorji M., Alarifi I.M.	Comparative analysis on non-linear radiative heat transfer on MHD Casson nanofluid past a thin needle	Journal of Molecular Liquids	284	-	163	174	4.56	https://doi.org/10.1016/j.molliq.2019.03.151
528	Khajone V.B., Balinge K.R., Patle D.S., Bhagat P.R.	Synthesis and characterization of polymer supported Fe-phthalocyanine entangled with carboxyl functionalized benzimidazolium moiety: A heterogeneous catalyst for efficient visible-light-driven degradation of organic dyes from aqueous solutions	Journal of Molecular Liquids	288	-	-	-	4.56	https://doi.org/10.1016/j.molliq.2019.111032
529	Basha S.J., Chamundeeswari S.P.V., Muthu S., Raajaraman B.R.	Quantum computational, spectroscopic investigations on 6-aminobenzimidazole by DFT/TD-DFT with different solvents and molecular docking studies	Journal of Molecular Liquids	-	-	-	-	4.56	https://doi.org/10.1016/j.molliq.2019.111787
530	Chakraborty D., Chauhan P., Kumar S., Chaudhary S., Chandrasekaran N., Mukherjee A., Ethiraj K.R.	Utilizing corona on functionalized selenium nanoparticles for loading and release of doxorubicin payload	Journal of Molecular Liquids	296	-	-	-	4.56	https://doi.org/10.1016/j.molliq.2019.111864

531	Mohana Roopan S., Ganesh Elango., D Devi Priya., Basker Kishore., Sharma Vinay Prabakar., Narayanan Pragatheshwaran., Kalisamy Mohanraj., Rajan Harsh Priya., Asharani I V., Shahjahan Shanavas., Roberto Acevedo	Sunlight mediated photocatalytic degradation of organic pollutants by statistical optimization of green synthesized NiO NPs as catalyst	Journal of Molecular Liquids	293	1	111509	111509	4.56	https://www.sciencedirect.com/science/article/abs/pii/S0167732219311286#!
532	Muruganandam Jayanthi., Sengan Megarajan., Ravikanth K	A convenient green method to synthesize luminescent carbon dots from edible carrot and its application in bioimaging and preparation of nanocatalyst	Journal of Molecular Liquids	278		175	182	4.56	https://www.sciencedirect.com/science/article/pii/S016773221832498X
533	Siva V., Bahadur S.A., Shameem A., Athimoolam S., Lakshmi K.U., Vinitha G.	Synthesis, structural, vibrational, thermal, dielectric and optical properties of third order nonlinear optical single crystal for optical power limiting applications	Journal of Molecular Structure	1191	-	110	117	2.12	https://doi.org/10.1016/j.molstruc.2019.04.091
534	Manonmani M., Balakrishnan C., Ahamed S.R., Vinitha G., Meenakshisundaram S.P., Sockalingam R.M.	Cocrystallization of Paracetamol-Picric acid: Hirshfeld surface analysis, supramolecular architecture and third-order nonlinear optical properties	Journal of Molecular Structure	1190	-	1	10	2.12	https://doi.org/10.1016/j.molstruc.2019.04.010

535	Bernadette Amali I., Kesavan M.P., Vijayakumar V., Indra Gandhi N., Rajesh J., Rajagopal G.	Structural analysis, antimicrobial and cytotoxic studies on new metal(II) complexes containing N 2 O 2 donor Schiff base ligand	Journal of Molecular Structure	1183	-	342	350	2.12	https://doi.org/10.1016/j.molstruc.2019.02.005
536	Bellamkonda Y.N., Vijaya Chamundeeswari S.P.	Synthesis, spectroscopic, computational and drug docking studies of 1-(benzenesulfonyl)-2-methyl-1H-indole-3-carbaldehyde	Journal of Molecular Structure	1181	-	613	626	2.12	https://doi.org/10.1016/j.molstruc.2018.12.069
537	Elangovan K., Boobalan M.S., Senthil A., Vinitha G.	Investigation on growth, structural, characterization and DFT computing of imidazolium 3-nitrobenzoate (I3NB) single crystal â€“ Towards third order nonlinear optical applications	Journal of Molecular Structure	1196	-	720	733	2.12	https://doi.org/10.1016/j.molstruc.2019.07.011
538	Singaravelan K., Chandramohan A., Madhankumar S., Enoch M.V., Vinitha G.	Structural characterization, computational and biological studies of a new third order NLO (1:1) organic adduct: 2-Aminopyrimidine: 3-nitrophthalic acid	Journal of Molecular Structure	1194	-	57	65	2.12	https://doi.org/10.1016/j.molstruc.2019.05.028
539	Antony P., Sundaram S.J., Ramaclus J.V., Antony Inglebert S., Antony Raj A., Dominique S., Hegde T.A., Vinitha G., Sagayaraj P.	Synthesis, growth, crystal structure, thermal, linear and nonlinear opticalanalysis of new extended Ï€-conjugated organic material based on methyl pyridinium compound of 4-(4-(4-(dimethylamino) phenyl)buta-1,3-dienyl)-1-methylpyridinium p-styrenesulfonate	Journal of Molecular Structure	1196	-	699	706	2.12	https://doi.org/10.1016/j.molstruc.2019.07.024

540	Vetriarasu Venkatesan., R Selva Kumar., Ashok Kumar S K., Suban K Sahoo	Dual optical properties of new schiff base based on bisthiophene for sensing of Cu2+ in protic media	Journal of Molecular Structure	1198		126906	126906	2.12	https://www.sciencedirect.com/science/article/abs/pii/S0022286019309974
541	Rajasekar G., Dhatchaiyini M.K., Vinitha G., Bhaskaran A.	Structural, optical, dielectric, second and third-order nonlinear properties of new semiorganic crystal: Sodium (bis) boro succinate	Journal of Molecular Structure	1177	-	594	602	2.12	https://doi.org/10.1016/j.molstruc.2018.07.113
542	Suriya M., Boaz B.M., Chakkaravarthi G., Vinitha G., Murugesan K.S.	Synthesis, crystal growth, structural, spectral, thermal, optical characteristics and density functional theory calculations of a novel third-order nonlinear optical material: 4-acetylanilinium dihydrogen phosphate (4AADP) single crystals	Journal of Molecular Structure	1180	-	330	343	2.12	https://doi.org/10.1016/j.molstruc.2018.12.001
543	Rekha P., Jayaprakash P., Rajasekar G., Mohan Kumar R., Vinitha G., Kanagadurai R.	Synthesis, growth, structural and optical properties of a novel organic third order nonlinear optical crystal: Piperazinediium trichloroacetate	Journal of Molecular Structure	1177	-	579	593	2.12	https://doi.org/10.1016/j.molstruc.2018.09.081
544	Karthick S., Thirupugalmani K., Kannan V., Shanmugam G., Krishnakumar M., Vinitha G., Sridhar B., Brahadeeswaran S.	Synthesis, structural, spectral, third order nonlinear optical and quantum chemical investigations on hydrogen bonded novel organic molecular adduct 4-(dimethylamino)benzaldehyde 4-nitrophenol for opto-electronic applications	Journal of Molecular Structure	1178	-	352	365	2.12	https://doi.org/10.1016/j.molstruc.2018.10.048

545	Subha M., Anitha K., Jauhar R.O.M.U.	The effect of malonic acid on the physico-chemical characterisation of 4-hydroxy pyridine: A new third order NLO single crystal	Journal of Molecular Structure	1179	-	469	476	2.12	https://doi.org/10.1016/j.molstruc.2018.11.036
546	Priyatha E., Sathishkumar C., Palanisami N., Venkatachalam S., Venkateswaran R.	Conjugated hole-transport molecules based on triphenylamine and aminoflourene: Synthesis, structural, solvatochromic and electrochemical properties	Journal of Molecular Structure	1179	-	145	153	2.12	https://doi.org/10.1016/j.molstruc.2018.10.075
547	Anish H Verma., T S Sampath Kumar., K Madhumathi., Y Rubaiya., Murugan Ramalingan., Mukesh Doble	Curcumin releasing eggshell derived carbonated apatite nanocarriers for combined anti-cancer, anti-inflammatory and bone regenerative therapy	Journal of Nanoscience and Nanotechnology	19	11	6872	6880	1.09	https://www.researchgate.net/profile/Anish_Verma3/publication/332801637_Curcumin_Releasing_Eggshell_Derived_Carbonated_Apatite_Nanocarriers_for_Combined_Anti-Cancer_Anti-Inflammatory_and_Bone_Regenerative_Therapy/links/5ccab3c94585156cd7c1c457/Curcumin-Releasing-Eggshell-Derived-Carbonated-Apatite-Nanocarriers-for-Combined-Anti-Cancer-Anti-Inflammatory-and-Bone-Regenerative-Therapy.pdf

548	Perumalsamy, R.; Kaviyarasu, K.; Nivetha, S.; Ayeshamariam, A.; Punithavelan, N.; Letsholathebe, Douglas; Ramalingam, G.; Jayachandran, M.	Preparation, Characterization and Structure Prediction of In2SnO3 and Spectroscopic (FT-IR, FT-Raman, NMR and UV-Visible) Study Using Computational Approach	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	19	6	3511	3518	1.09	https://doi.org/10.1166/jnn.2019.16097
549	Sukumar, M.; Kennedy, L. John	Catalytic Conversion of Methanol to Formaldehyde Over La2CuO4 Nanoparticles	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	19	2	826	832	1.09	https://doi.org/10.1166/jnn.2019.15737
550	Rajan, S. Sudhagara; Swaroop, S.; Manivasagam, Geetha; Rao, M. Nageswara	Fatigue Life Enhancement of Titanium Alloy by the Development of Nano/Micron Surface Layer Using Laser Peening	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	19	11	7064	7073	1.09	https://doi.org/10.1166/jnn.2019.16639
551	K Kombaiah., J Judith Vijaya., L John Kennedy., K Kaviarasu., Ramalingam R Jothi., Al Lohedan Hamad	Green Synthesis of Co3O4 Nanorods for Highly Efficient Catalytic, Photocatalytic, and Antibacterial Activities	Journal of Nanoscience and Nanotechnology	19	5	2590	2598	1.09	https://www.ingentaconnect.com/contentone/asp/jnn/2019/00000019/00000005/art00017
552	Fabbiyola S., Kennedy L. John	Bandgap Engineering in Doped ZnO Nanostructures for Dye Sensitized Solar Cell Applications	Journal of Nanoscience and Nanotechnology	19	5	2963	2970	1.09	https://www.ingentaconnect.com/content/asp/jnn/2019/00000019/00000005/art00068
553	Balamurugan S., Palanisami N., Reshma A., Dheebikha K., Gokul Raja T S	Enhanced Band Gap, Optical and Near-Infra-Red Reflecting Properties of Environmentally Benign Synthesized Nanocrystalline Gd2Ti2O7 Pyrochlore Materials	Journal of Nanoscience and Nanotechnology	20	4	2277	2285	1.09	https://www.ingentaconnect.com/contentone/asp/jnn/2020/00000020/00000004/art00033

554	Sukumar M., Kennedy L.J.	Catalytic Conversion of Methanol to Formaldehyde Over Laâ€šâ€šCuOâ€šâ€ž Nanoparticles	Journal of Nanoscience and Nanotechnology	19	2	826	832	1.09	https://doi.org/10.1166/jnn.2019.15737
555	Soundhar A., Kandasamy J.	Mechanical, Chemical and Morphological Analysis of Crab shell/Sisal Natural Fiber Hybrid Composites	Journal of Natural Fibers	-	-	-	-	1.25	https://doi.org/10.1080/15440478.2019.1691127
556	Gawas M.A., Govekar S.S.	A novel selective cross layer based routing scheme using ACO method for vehicular networks	Journal of Network and Computer Applications	143	-	34	46	5.27	https://doi.org/10.1016/j.jnca.2019.05.010
557	Vani P., Vinitha G., Sayyed M.I., Elbashir B.O., Manikandan N.	Investigation on structural, optical, thermal and gamma photon shielding properties of zinc and barium doped fluorotellurite glasses	Journal of Non-Crystalline Solids	511	-	194	200	2.6	https://doi.org/10.1016/j.jnoncrysol.2019.02.005
558	Lobo L.S., Ruban Kumar A.	Structural and electrical properties of ZnCo2O4 spinel synthesized by sol-gel combustion method	Journal of Non-Crystalline Solids	505	-	301	309	2.6	https://doi.org/10.1016/j.jnoncrysol.2018.11.004
559	A Ramani., B Grammaticos., Thamizharasi Tamizhmani	Interrelations of discrete Painlevé equations through limiting procedures	Journal of Nonlinear Mathematical Physics	27	1			1.06	https://www.tandfonline.com/doi/abs/10.1080/14029251.2020.1683981
560	Amirtharaj S., Premalatha L., Gopinath D.	Optimal utilization of renewable energy sources in MG connected system with integrated converters: an AGONN Approach	Analog Integrated Circuits and Signal Processing	-	-	-	-	0.82	https://doi.org/10.1007/s10470-019-01452-8
561	Dhanamjayulu C., Meikandasivam S.	Fuzzy controller based design of 125 level asymmetric cascaded multilevel inverter for power quality improvement	Analog Integrated Circuits and Signal Processing	-	-	-	-	0.82	https://doi.org/10.1007/s10470-019-01468-0
562	Lu, Peng; Li, Qian; Huang, Chao; Senthilnathan, K.; Nakkeeran, K.	Continuous wave pumped supercontinuum assisted by a weak femtosecond pulse seed	Journal of Optics (India)	21	1	-	-	2.75	https://doi.org/10.1088/2040-8986/aaf2ae

563	Karthik S., Muthuvel K., Gandhi T.	Base-Promoted Amidation and Esterification of Imidazolium Salts via Acyl C-C bond Cleavage: Access to Aromatic Amides and Esters	Journal of Organic Chemistry	84	2	738	751	4.75	https://doi.org/10.1021/acs.joc.8b02567
564	Ramsingh Dhanbahadur Padmaja., Musuvathi Motilal Balamurali., Kaushik Chanda	One-Pot, Telescopic Approach for the Chemoselective Synthesis of Substituted Benzo[e]pyrido/pyrazino/pyridazino[1,2-b][1,2,4]thiadiazine dioxides and Their Significance in Biological Systems	Journal of Organic Chemistry					4.75	https://pubs.acs.org/doi/abs/10.1021/acs.joc.9b00869
565	Umamahesh Balijapalli., Saravanakumar Manickam., Thirumoorthy K., Karthikeyan Natesan Sundaramurthy., Kulathu Iyer Sathiyanarayanan	(Tetrahydrodibenzo[a,i]phenanthridin-5-yl)phenol as a Fluorescent Probe for the Detection of Aniline	Journal of Organic Chemistry					4.75	https://pubs.acs.org/doi/abs/10.1021/acs.joc.9b00709
566	Mansoor Nasir., Khan Muhammad., Jaime Lloret., Arun Kumar Sangaiah., Muhammad Sajjad	Fog computing enabled cost-effective distributed summarization of surveillance videos for smart cities	Journal of Parallel and Distributed Computing	126	-	161	170	1.82	https://www.sciencedirect.com/science/article/pii/S0743731518308402
567	Srinivasan, Sathya; Ranganathan, Velu; DeRosa, Maria C.; Murari, Bhaskar Mohan	Comparison of turn-on and ratiometric fluorescent G-quadruplex aptasensor approaches for the detection of ATP (vol 411, pg 1319, 2019)	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	411	7	1491	1491	3.29	https://doi.org/10.1007/s00216-019-01599-3

568	Srinivasan S., Ranganathan V., DeRosa M.C., Murari B.M.	Comparison of turn-on and ratiometric fluorescent G-quadruplex aptasensor approaches for the detection of ATP	Analytical and Bioanalytical Chemistry	-	-	-	-	3.29	https://doi.org/10.1007/s00216-018-1484-x
569	Rashid Z., Wilfred C.D., Gnanasundaram N., Arunagiri A., Murugesan T.	A comprehensive review on the recent advances on the petroleum asphaltene aggregation	Journal of Petroleum Science and Engineering	-	-	249	268	2.89	https://doi.org/10.1016/j.petrol.2019.01.004
570	Elumalai Sambandan., Thenmozhi Kathavarayan., Senthilkumar Sellappan., Jentaie Shiea., Vinoth Kumar Ponnusamy	Identification and Characterization of Unknown Degradation Impurities in Beclomethasone Dipropionate Cream Formulation using HPLC, ESI-MS and NMR	Journal of Pharmaceutical and Biomedical Analysis	167	-	123	131	2.98	https://www.sciencedirect.com/science/article/pii/S0731708518316881
571	Arulmozhi P., Vijayakumar S., Praseetha P.K., Jayanthi S.	Extraction methods and computational approaches for evaluation of antimicrobial compounds from Capparis zeylanica L	Analytical Biochemistry	572	-	33	44	2.51	https://doi.org/10.1016/j.ab.2019.02.006
572	Prakash K., Kumar J.V., Latha P., Kumar P.S., Karuthapandian S.	Fruitful fabrication of CDs on GO/g-C3N4 sheets layers: A carbon amalgamation for the remediation of carcinogenic pollutants	Journal of Photochemistry and Photobiology A: Chemistry	370	-	94	104	3.26	https://doi.org/10.1016/j.jphotochem.2018.10.046
573	Mahesh K., Karpagam S., Putnin T., Le H., Bui T.-T., Ounnunkad K., Goubard F.	Role of cyano substituents on thiophene vinylene benzothiadiazole conjugated polymers and application as hole transporting materials in perovskite solar cells	Journal of Photochemistry and Photobiology A: Chemistry	371	-	238	247	3.26	https://doi.org/10.1016/j.jphotochem.2018.11.024

574	Rajeshkumar S., Menon S., Venkat Kumar S., Tambuwala M.M., Bakshi H.A., Mehta M., Satija S., Gupta G., Chellappan D.K., Thangavelu L., Dua K.	Antibacterial and antioxidant potential of biosynthesized copper nanoparticles mediated through Cissus arnotiana plant extract	Journal of Photochemistry and Photobiology B: Biology	197	-	-	-	4.07	https://doi.org/10.1016/j.jphotobiol.2019.111531
575	Valikala V., Santhakumar I., Kannappan S.	Synthesis and effect of pegylation on citric acid dendritic nano architectures anchored with cefotaxime sodium	Journal of Photochemistry and Photobiology B: Biology	201	-	-	-	4.07	https://doi.org/10.1016/j.jphotobiol.2019.111683
576	Devipriya D., Roopan S.M.	UV-light intervened synthesis of imidazo fused quinazoline and its solvatochromism, antioxidant, antifungal and luminescence properties	Journal of Photochemistry and Photobiology B: Biology	190	-	42	49	4.07	https://doi.org/10.1016/j.jphotobiol.2018.11.003
577	Mayuri P., Nellepalli P., Vijayakrishna K., Senthil Kumar A.	Tuning Poly(ionic liquid) as a Facile Anion (Hexacyanoferrate(III) ion) Exchanger after Being Adsorbed on Graphitic Nanomaterial and Its Versatile Electrocatalytic Oxidation of Ascorbic Acid	Journal of Physical Chemistry C	123	32	19637	19648	4.31	https://doi.org/10.1021/acs.jpcc.9b04947
578	Gayathri P., Pillai K.C., Senthil Kumar A.	Regioselective Electrochemical Oxidation of One of the Identical Benzene Rings of Carbazole to 1,4-Quinone on the MWCNT Surface and Its Electrocatalytic Activity	Journal of Physical Chemistry C	-	-	-	-	4.31	https://doi.org/10.1021/acs.jpcc.9b07486

579	Shanmugavadivu T., Dhandapani M., Vinitha G., Beaula T.J.	Quantum chemical calculations, structural, spectral and nonlinear optical investigations of a novel crystal N,N â€²-diphenylguanidinium 3,5-dichlorobenzoate	Journal of Physics and Chemistry of Solids	130	-	69	83	2.75	https://doi.org/10.1016/j.jpcs.2019.01.024
580	Kumar K.C., Kaleemulla S.	Effect of Ni incorporation on structural, optical and magnetic properties of electron beam evaporated ZnS thin films	Journal of Physics and Chemistry of Solids	135	-	-	-	2.75	https://doi.org/10.1016/j.jpcs.2019.05.025
581	Madhumitha G., Fowsiya J., Gupta N., Kumar A., Singh M.	Green synthesis, characterization and antifungal and photocatalytic activity of Pithecellobium dulce peelâ€¬â€œmediated ZnO nanoparticles	Journal of Physics and Chemistry of Solids	127	-	43	51	2.75	https://doi.org/10.1016/j.jpcs.2018.12.005
582	Harikrishnan V., Ezhil Vizhi R.	Temperature-dependent phase transition: Structural and magnetic properties of Ba0.5Sr0.5Fe12O19-CoFe2O4 nanocomposites	Journal of Physics and Chemistry of Solids	127	-	35	42	2.75	https://doi.org/10.1016/j.jpcs.2018.12.004
583	Vetriarasu Venkatesan., S. K. Ashok Kumar., Suban K. Sahoob	Spectrophotometric and RGB performances of a new tetraphenylcyclopenta-derived Schiff base for the quantification of cyanide ions	Analytical Methods	11	-	1137	1143	2.38	https://pubs.rsc.org/en/content/articlehtml/2019/ay/c8ay02401d

584	Selva Kumar R., S. K. Ashok Kumar., Kari Vijayakrishna., Akella Sivaramakrishna., C. V. S. Brahmmananda Rao., N. Sivaramanb., Suban K. Sahoo	Development of Highly Selective Potentiometric Thorium (IV) Ion-selective Electrode: Exploration Supported with Optical and DFT Analysis	Analytical Methods	-	10	-	-	2.38	https://pubs.rsc.org/en/content/articlehtml/2019/ay/c8ay02740d
585	Neeta Mandhare., Karunamurthy K., Saleel Ismail	Compendious Review on 'Internal Flow Physics and Minimization of Flow Instabilities through Design Modifications in a Centrifugal Pump	Journal of Pressure Vessel Technology	-	-	-	-	0.93	https://pressurevesseltech.asmedigitalcollection.asme.org/article.aspx?articleid=2730427
586	Mu P., Karuppasamy R.	Discovery of human autophagy initiation kinase ULK1 inhibitors by multi-directional in silico screening strategies	Journal of Receptors and Signal Transduction	39	2	122	133	1.63	https://doi.org/10.1080/10799893.2019.1638401
587	Rohit Shetty., Nimisha Rajiv Kumar., Pooja Khamar., Matthew Francis., Swaminathan Sethu., J. Bradley Randleman., Ronald R. Krueger., Abhijit Sinha Roy., Arkasubhra Ghosh	Bilaterally Asymmetric Corneal Ectasia Following SMILE With Asymmetrically Reduced Stromal Molecular Markers	Journal of Refractive Surgery	35	1	6	14	3	https://www.healio.com/ophthalmology/journals/jrs/2019-1-35-1/%7Bb2982710-40ac-463e-b70a-09d965b49165%7D/bilaterally-asymmetric-corneal-ectasia-following-smile-with-asymmetrically-reduced-stromal-molecular-markers
588	Meera P.S., Hemamalini S.	Reliability based optimal DG planning for a meshed distribution network	Journal of Renewable and Sustainable Energy	11	6	-	-	1.51	https://doi.org/10.1063/1.5115207

589	Padmavathy C., Swapana M., Paul J.	Online second-hand shopping motivation â€“ Conceptualization, scale development, and validation	Journal of Retailing and Consumer Services	51	-	19	32	3.59	https://doi.org/10.1016/j.jretconser.2019.05.014
590	Kudithi T., Sakthivel R.	High-performance ECC processor architecture design for IoT security applications	Journal of Supercomputing	75	1	447	474	2.16	https://doi.org/10.1007/s11227-018-02740-2
591	Subramaniyaswamy V., Manogaran G., Logesh R., Vijayakumar V., Chilamkurti N., Malathi D., Senthilselvan N.	An ontology-driven personalized food recommendation in IoT-based healthcare system	Journal of Supercomputing	75	6	3184	3216	2.16	https://doi.org/10.1007/s11227-018-2331-8
592	Jeong Y.-S., Hassan H., Sangaiah A.K.	Machine learning on big data for future computing	Journal of Supercomputing	75	6	2925	2929	2.16	https://doi.org/10.1007/s11227-019-02872-z
593	Tembhare A., Sibi Chakkaravarthy S., Sangeetha D., Vaidehi V., Venkata Rathnam M.	Role-based policy to maintain privacy of patient health records in cloud	Journal of Supercomputing	-	-	-	-	2.16	https://doi.org/10.1007/s11227-019-02887-6
594	Sankar Pariserum Perumal., Ganapathy Sannasi., Kannan Arputharaj	An intelligent fuzzy rule-based e-learning recommendation system for dynamic user interests	Journal of Supercomputing	-	-	1	16	2.16	https://link.springer.com/article/10.1007/s11227-019-02791-z
595	Poorani Marimuthu., Varalakshmi Perumal., Vaidehi Vijayakumar	OAFPM: optimized ANFIS using frequent pattern mining for activity recognition	The Journal of Supercomputing	-	-	-	-	2.16	https://link.springer.com/arti
596	Prasad B.S.L., Annamalai A.R.	Tungsten Heavy Alloys with Molybdenum, Y 2 O 3 and Lanthanum. A Review	Journal of Superhard Materials	41	1	-	-	0.65	https://doi.org/10.3103/S1063457619010015

597	ChunfengLiu., ZhaoZhao., WenyuQu., TieQiu., Arun Kumar Sangaiah	A Distributed Node Deployment Algorithm for Underwater Wireless Sensor Networks based on Virtual Forces	Journal of Systems Architecture	-	-	-	-	1.16	https://www.sciencedirect.com/science/article/pii/S1383762118305794
598	SayantaniBasu., MarimuthuKaruppiah., MitaNasipuri., Anup KumarHalder., NiranchanaRadhakrishnan	Bio-Inspired Cryptosystem with DNA Cryptography and Neural Networks	Journal of Systems Architecture	94	-	24	31	1.16	https://www.sciencedirect.com/science/article/pii/S1383762118304077
599	Mani G., Mohan Chandran M.S., Chandrasekaran M.	Detection of heart abnormalities using fuzzy decision making and wireless transmission of disease information	Journal of Testing and Evaluation	47	6	-	-	0.71	https://doi.org/10.1520/JTE20180447
600	Balakrishnan S.M.	Aspect-oriented modeling of spatial data interpolation for estimating missing data in internet of things (IoT) service discovery	Journal of Testing and Evaluation	47	6	-	-	0.71	https://doi.org/10.1520/JTE20180508
601	Gayathri E., Vanitha M., Mangayarkarasi R., Sakthivel R.	Long-lifetime and low latency data aggregation scheduling for wireless sensor network	Journal of Testing and Evaluation	47	6	-	-	0.71	https://doi.org/10.1520/JTE20180511
602	Vardhana B.H., Venugopal P.	Optimized inventory control on construction materials by application of E-technology transfer along JIT	Journal of Testing and Evaluation	47	6	-	-	0.71	https://doi.org/10.1520/JTE20180500
603	Bhardwaj S., Lal A.M.	Morphology-combined gradient boosting for recognizing targets in SAR images	Journal of Testing and Evaluation	47	6	-	-	0.71	https://doi.org/10.1520/JTE20180580
604	Shankar K., Sevugan P.	Spatial data indexing and query processing in geocloud	Journal of Testing and Evaluation	47	6	-	-	0.71	https://doi.org/10.1520/JTE20180502

605	Lakshminarayanan A.S., Radhakrishnan S., Pandiasankar G.M., Ramu S.	Diagnosis of cancer using hybrid clustering and convolution neural network from breast thermal image	Journal of Testing and Evaluation	47	6	3975	3987	0.71	https://doi.org/10.1520/JTE20180504
606	Swaminathan R., Thangavelu A.	An enhanced hybrid clustering approach for privacy preservation (ECPS) in big data using apache spark framework	Journal of Testing and Evaluation	47	6	4054	4066	0.71	https://doi.org/10.1520/JTE20180414
607	Radhakrishnan S., Lakshminarayanan A.S., Bakthav R., Pandiasankar G.M.	A Transdisciplinary approach to classify thyroid levels in patients	Journal of Testing and Evaluation	47	6	4067	4076	0.71	https://doi.org/10.1520/JTE20180527
608	Ranganathan, Mohanasundaram	Overview	JOURNAL OF TESTING AND EVALUATION	47	6	-	-	0.71	
609	Ranjani J. Jennifer., Selvapriya A. Shanthoshini ., Vijayan E.	Secure and Optimized Real-Time System for Internet of Medical Things Using MATuino and ThingSpeak Analytics	Journal of Testing and Evaluation	47	6	-	-	0.71	http://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180424.htm
610	Lincy Blessy Trencia ., Nagarajan Suresh Kumar	An Enhanced Hybrid Feature Selection Approach for High Dimensional Data Processing	Journal of Testing and Evaluation	-	-	-	-	0.71	http://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180507.htm
611	Venugopal Pulidindi., Aswini Priya S	The Perceptual Differences of Hospital Employees on the Use and Adoption of Electronic Health Records and Telemedicine	Journal of Testing and Evaluation	47	6	-	-	0.71	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180515.htm
612	Prabu Sevugan., Gopinath Masila PandiaSankar	An Efficient Multiangle Weight Updated Haralick and Relevance Vector Machine Algorithm for Classifying Diabetic Foot from Medical Thermal Image	Journal of Testing and Evaluation	47	6	-	-	0.71	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180503.htm

613	Perumal Kumaresan., Manoharan Prabukumar	A Comparative Analysis of Energy-Efficient Protocols for WBAN on Heterogeneous Transceivers	Journal of Testing and Evaluation	47	6	-	-	0.71	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180512.htm
614	Prabu M., Anouncia S Margret	Distributed Computing Model of Multispectral Time Series Data Analysis for Chlorophyll Concentration Determination Using Ocean Color Monitor-2 Data	Journal of Testing and Evaluation	47	6	-	-	0.71	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/TESTEVAL/PAGES/JTE20180553.htm
615	B. Shalini., A. Ruban Kumar	Effect of Joncryl61 and gelatin in the formation of hydroxyapatite nanocomposite	Journal of the Australian Ceramic Society	55	1	229	234	0.69	https://link.springer.com/article/10.1007/s41779-018-0227-y
616	Fiorot R.G., Rambabu G., Vijayakumar V., Kiran Y.B., Carneiro J.W.M.	Alternative non-ionic pathway for uncatalyzed prins cyclization: DFT approach	Journal of the Brazilian Chemical Society	30	8	1717	1727	1.34	https://doi.org/10.21577/0103-5053.20190075
617	Singh B., Sasi R., Kanmani Subbu S., Muralidharan B.	Electric discharge texturing of HSS cutting tool and its performance in dry machining of aerospace alloy	Journal of the Brazilian Society of Mechanical Sciences and Engineering	41	3	-	-	1.74	https://doi.org/10.1007/s40430-019-1654-6
618	Kumar, V. Vineeth; Kumaran, S. Senthil; Dhanalakshmi, S.; Sivaramakrishnan, R.	Tribological performance evaluation of fused mullite-reinforced hybrid composite brake pad for defence application (vol 41, pg 179, 2019)	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	41	5	-	-	1.74	https://doi.org/10.1007/s40430-019-1713-z
619	G. Ranjith Kumar., G. Rajyalakshmi., S. Swaroop., S. Arul Xavier Stango., U. Vijayalakshmi	Laser shock peening wavelength conditions for enhancing corrosion behaviour of titanium alloy in chloride environment	Journal of the Brazilian Society of Mechanical Sciences and Engineering	41	129	-	-	1.74	https://link.springer.com/article/10.1007/s40430-019-1633-y

620	Vignesh M., Ramanujam R	Machining of Tiâ€“6Alâ€“4V using diffusion annealed zinc-coated brass wire in WEDHT	Journal of the Brazilian Society of Mechanical Sciences and Engineering	41	9	359	359	1.74	https://link.springer.com/article/10.1007/s40430-019-1860-2
621	V Vineeth Kumar., S Senthil Kumaran., S Dhanalakshmi., R Sivaramakrishnan	Tribological performance evaluation of fused mullite-reinforced hybrid composite brake pad for defence application	Journal of the Brazilian Society of Mechanical Sciences and Engineering	41	4	-	-	1.74	https://link.springer.com/article/10.1007/s40430-019-1682-2
622	Joshi, V. V.; Patil, Suneel	Heat Transfer Enhancement in a Calandria Based Reactor With a New Inlet Design - A CFD Analysis	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	40	3	299	306	0.13	
623	Shalini, B.; Kumar, A. Ruban	A comparative study of hydroxyapatite (Ca-10(PO4)(6)(OH)(2)) using sol-gel and co-precipitation methods for biomedical applications	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	96	1	25	28	0.16	
624	Ahila, G.; Vinitha, G.; Anbalagan, G.	Insight into nonlinear third order susceptibility measurement and optical limiting nature of 8-hydoxyquinolinium hydrogen fumarate single crystal	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	96	1	45	47	0.16	
625	Kundu, Rajeswari; Kothandan, Saraswathi; Sheela, A.; Suresh, Anushree; Abraham, Jayanthi	DNA interaction studies of oxovanadium, manganese, copper and nickel complexes	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	96	1	118	120	0.16	
626	Parthibavarman M., Sathishkumar S., Prabhakaran S.	Influence of morphology on the photocatalytic and fiber optic ammonia gas sensing performance of tin oxide nanostructures by a novel microwave irradiation method	Journal of the Iranian Chemical Society	-	-	-	-	1.74	https://doi.org/10.1007/s13738-019-01702-6

627	L. Jyothish Kumar., Y. Suresh., R. Rajasekaran., S. Rajeswara Reddy., V. Vijayakumar	Synthesis and exploration of in-silico and in-vitro Î±-glucosidase and Î±-amylase inhibitory activities of N-(3-acetyl-2-methyl-4-phenylquinolin-6-yl)arylamides	Journal of the Iranian Chemical Society	-	-	1	10	1.74	https://link.springer.com/article/10.1007/s13738-018-01580-4
628	Meyer F., Humm J., Purushothaman Y., Willinger R., Pintar F.A., Yoganandan N.	Forces and moments in cervical spinal column segments in frontal impacts using finite element modeling and human cadaver tests	Journal of the Mechanical Behavior of Biomedical Materials	90	-	681	688	3.49	https://doi.org/10.1016/j.jmbbm.2018.09.043
629	Srinivasan E., Rajasekaran R.	Rational design of linear tripeptides against the aggregation of human mutant SOD1 protein causing amyotrophic lateral sclerosis	Journal of the Neurological Sciences	405	-	-	-	2.65	https://doi.org/10.1016/j.jns.2019.116425
630	Ryan R Buetow., John Nowatzki., Sreekala G Bajwa., Saravanan Sivarajan., Mohammadmehdi Maharlooei., Herman Kandel	Evaluation of OptRxTM Active Optical Sensor to Monitor Soybean Response to Nitrogen Inputs	Journal of the Science of Food and Agriculture					2.42	https://doi.org/10.1002/jsfa.10008
631	Venkat Savunthari K., Shanmugam S.	Effect of co-doping of bismuth, copper and cerium in zinc ferrite on the photocatalytic degradation of bisphenol A	Journal of the Taiwan Institute of Chemical Engineers	-	-	-	-	3.83	https://doi.org/10.1016/j.jtice.2019.04.042
632	James N., Shanthi V., Ramanathan K.	Discovery of novel anaplastic lymphoma kinase inhibitors: Structure and energy-based pharmacophore strategy	Journal of Theoretical and Computational Chemistry	-	-	-	-	0.68	https://doi.org/10.1142/S0219633619500147

633	Rohini K., Roy R., Ramanathan K., Shanthi V.	E-pharmacophore hypothesis strategy to discover potent inhibitor for influenza treatment	Journal of Theoretical and Computational Chemistry	-	-	-	-	0.68	https://doi.org/10.1142/S0219633619500214
634	Ashish KumarAgrahari., George Priya C.Doss., R Siva., R Magesh., HatemZayed	Molecular insights of the G2019S substitution in LRRK2 kinase domain associated with Parkinson's disease: A molecular dynamics simulation approach	Journal of Theoretical Biology	469	-	163	171	1.88	https://www.sciencedirect.com/science/article/pii/S0022519319300967
635	Panchaksaram Muthukumaran., Muniyan Rajiniraja	Aug-MIA-QSAR based strategy in bioactivity prediction of a series of flavonoid derivatives as HIV-1 inhibitors	Journal of Theoretical Biology	469	-	18	24	1.88	https://www.sciencedirect.com/science/article/pii/S0022519319300888
636	Anupama R., Lulu S., Madhusmita R., Vino S., Mukherjee A., Babu S.	Insights into the interaction of key biofilm proteins in Pseudomonas aeruginosa PAO1 with TiO2 nanoparticle: An in silico analysis	Journal of Theoretical Biology	462	-	12	25	1.88	https://doi.org/10.1016/j.jtbi.2018.10.057
637	S Thiyagarajan., Ankit Sonthalia., V Edwin Geo., B Ashok., K Nanthagopal., V Karthickeyan., B Dhinesh	Effect of electromagnet-based fuel-reforming system on high-viscous and low-viscous biofuel fueled in heavy-duty CI engine	Journal of Thermal Analysis and Calorimetry	-	-	1	12	2.47	https://link.springer.com/article/10.1007/s10973-019-08123-w
638	G Priya., U Narendrakumar., I Manjubala	Thermal behavior of carboxymethyl cellulose in the presence of polycarboxylic acid crosslinkers	Journal of Thermal Analysis and Calorimetry	-	-	1	7	2.47	https://link.springer.com/article/10.1007/s10973-019-08171-2
639	Sudhagar, Palani; Kameswaran, Peri K.; Kumar, B. Rushi	Gyrotactic Microorganism Effects on Mixed Convective Nanofluid Flow Past a Vertical Cylinder	JOURNAL OF THERMAL SCIENCE AND ENGINEERING APPLICATIONS	11	4	-	-	1.12	https://doi.org/10.1115/1.4044185

640	Xia, Zhuoqun; Tan, Jingjing; Wang, Jin; Zhu, Runnong; Xiao, Hongguang; Sangaiah, Arun Kumar	Research on Fair Trading Mechanism of Surplus Power Based on Blockchain	JOURNAL OF UNIVERSAL COMPUTER SCIENCE	25	10	1240	1260	0.91	
641	Shastri S., Thanikaiselvan V.	Dual image reversible data hiding using trinary assignment and centre folding strategy with low distortion	Journal of Visual Communication and Image Representation	61	-	130	140	2.26	https://doi.org/10.1016/j.jvcir.2019.03.022
642	Shyamala S., Arul Manikandan N., Pakshirajan K., Tang V.T., Rene E.R., Park H.-S., Behera S.K.	Phytoremediation of nitrate contaminated water using ornamental plants	Journal of Water Supply: Research and Technology - AQUA	68	8	731	743	1.05	https://doi.org/10.2166/aqua.2019.111
643	Archana Patel., Sarika Jain., Shishir K Shandilya	Data of Semantic Web as Unit of Knowledge	Journal of Web Engineering	17	8	647	674	0.85	https://www.riverpublishers.com/journal_read_html_article.php?j=JWE/17/8/3
644	Alamelu Manghai T.M., Jegadeeshwaran R.	Vibration based brake health monitoring using wavelet features: A machine learning approach	JOURNAL OF VIBRATION AND CONTROL	25	18	2534	2550	2.87	https://doi.org/10.1177/1077546319859704
645	Navmani T.M., Yogesh P.	Trust based secure reliable route discovery in wireless mesh networks	KSII Transactions on Internet and Information Systems	13	7	3386	3411	0.71	https://doi.org/10.3837/tiis.2019.07.004
646	Terence S., Purushothaman G.	Behavior based routing misbehavior detection in wireless sensor networks	KSII Transactions on Internet and Information Systems	13	11	5354	5369	0.71	https://doi.org/10.3837/tiis.2019.11.005
647	Sivakumar Nisha., Lakshminarayanan V., Annamalai Senthil Kumar	Electrochemical Reaction Assisted 2D Ï€-Stacking of Benzene on a MWCNT Surface and its Unique Redox and Electrocatalytic Properties	Langmuir	36	1	9	19	3.68	https://pubs.acs.org/doi/abs/10.1021/acs.langmuir.9b01970

648	Nithin Joseph Reddy S.A., Prabhakaran S., Kalainathan S., Arivazhagan N., Manikandan M.	Laser shock peening (LSP) to improve the metallurgical and mechanical properties of gas tungsten arc welding (GTAW) joints in hastelloy C-276	Lasers in Engineering	42	43620	245	256	0.34	
649	Ali, J. Mahashar; Jailani, H. Siddhi; Murugan, M.	Surface Roughness Evaluation of Milled Steel Surfaces Using Wavelet Transform of Laser Speckle Line Images	LASERS IN ENGINEERING	44	43620	371	384	0.34	
650	Mohandas S., Krishna Siddharth R., John B.	Reduction of wave drag on parameterized blunt bodies using spikes with varied tip geometries	Acta Astronautica	160	-	25	35	2.48	https://doi.org/10.1016/j.actaastro.2019.04.017
651	Sivaraman K., Muthukumar K., Shanthi C.	A potential bioactive peptide candidate for biomaterial and tissue engineering applications	Life Sciences	226	-	140	148	3.45	https://doi.org/10.1016/j.lfs.2019.04.010
652	Narayanasamy Tamil Selvi., Navamathavan R., Hak Yong Kim., Rajkumar Nirmala	Autoclave Mediated Synthesis of Silver Nanoparticles Using Aqueous Extract of Canna indica L. Rhizome and Evaluation of Its Antimicrobial Activity	Macromolecular Research			1	6	1.76	https://link.springer.com/article/10.1007/s13233-019-7159-4
653	Ponnan Sathiyanathan., Dhevagoti Manjula Dhevi., Arun Anand Prabu., Kap Jin Kim	Electrospun Polyvinylidene Fluoride-Polyoctafluoropentyl Acrylate-Hydroxyapatite Blend Based Piezoelectric Pressure Sensors	Macromolecular Research	-	-	1	7	1.76	https://link.springer.com/article/10.1007/s13233-019-7116-2
654	George M.M., Kalaivani S.	Retrospective correction of intensity inhomogeneity with sparsity constraints in transform-domain: Application to brain MRI	Magnetic Resonance Imaging	61	-	207	223	2.11	https://doi.org/10.1016/j.mri.2019.04.011

655	Dhamodharan D., Jemimah Naine S., Merlyn Keziah S., Subathra Devi C	Novel Fibrinolytic Protease Producing Streptomyces radiopugnans VITSD8 from Marine Sponges	Marine Drugs	17	3	-	-	3.77	https://www.mdpi.com/1660-3397/17/3/164
656	Gopal V., Goel S., Manivasagam G., Joshi S.	Performance of hybrid powder-suspension axial plasma sprayed Al2O3-YSZ coatings in bovine serum solution	Materials	12	12	-	-	2.97	https://doi.org/10.3390/ma12121922
657	Kumaran, Senthil S.; Srinivasan, Kathiravan; Narayanan, Srinivasan; Raj, Alex Noel Joseph	Prediction of Tensile Strength in Friction Welding Joins Made of SA213 Tube to SA387 Tube Plate through Optimization Techniques	MATERIALS	12	24	-	-	2.97	https://doi.org/10.3390/ma12244079
658	Manivannan, S.; Kumaran, Senthil S.; Narayanan, Srinivasan; Srinivasan, Kathiravan; Raj, Alex Noel Joseph	Sensor-Assisted Assessment of the Tribological Behavioral Patterns of Al-SiCp Composites under Various Environmental Temperature Conditions	MATERIALS	12	23	-	-	2.97	https://doi.org/10.3390/ma12234004
659	Siva kumar., M Adam khan., B Muralidharan	Processing of titanium-based human implant material using wire EDM	Materials and Manufacturing Processes	34	6	695	700	3.35	https://www.tandfonline.com/doi/abs/10.1080/10426914.2019.1566609
660	Shobana M.K., Park H., Choe H.	The influence of lithium on the optical and electrical properties of CoLi x Fe 1-x O 4 nanoferrites	Materials Chemistry and Physics	227	-	1	4	2.78	https://doi.org/10.1016/j.matchemphys.2019.01.063
661	Helen S., Kumar A.R.	Study of structural, mechanical and dielectrical properties of ions doped apatite for antibacterial activity	Materials Chemistry and Physics	237	-	-	-	2.78	https://doi.org/10.1016/j.matchemphys.2019.121867

662	D.Karthiga., SamraggiChoudhury., N.Chandrasekaran., Amitava Mukherjee	Effect of surface charge on peroxidase mimetic activity of gold nanorods (GNRs)	Materials Chemistry and Physics	227	-	242	249	2.78	https://www.sciencedirect.com/science/article/pii/S0254058419301105
663	Ramki C., Vizhi R.E.	Investigation on the growth, optical, mechanical and dielectric properties of an inorganic potassium pentaborate dihydrate (KB5H4O10.2H2O) single crystal	Materials Chemistry and Physics	223	-	230	240	2.78	https://doi.org/10.1016/j.matchemphys.2018.10.034
664	Kombaiah K., Vijaya J.J., Kennedy L.J., Kaviyarasu K.	Catalytic studies of NiFe2O4 nanoparticles prepared by conventional and microwave combustion method	Materials Chemistry and Physics	221	-	11	28	2.78	https://doi.org/10.1016/j.matchemphys.2018.09.012
665	Vivekananthan V., Chandrasekhar A., Alluri N.R., Purusothaman Y., Joong Kim W., Kang C.-N., Kim S.-J.	A flexible piezoelectric composite nanogenerator based on doping enhanced lead-free nanoparticles	Materials Letters	249	-	73	76	3.02	https://doi.org/10.1016/j.matlet.2019.02.134
666	Reddy N.R., Bhargav U., Manoranjani G., Kumari M.M., Cheralathan K.K., Shankar M.V.	Low-cost TiO 2 -graphitic carbon core/shell nanocomposite for depriving electron, hole recombination	Materials Letters	248	-	105	108	3.02	https://doi.org/10.1016/j.matlet.2019.03.072
667	Amirthakumar C., Valarmathi B., Zahid I.M., Vinitha G., Seetharaman V., Ramnathan A., Kumar R.M.	Studies on the third order nonlinear optical properties of a novel o-Phenylenediaminium p-Toluenesulfonate single crystal	Materials Letters	247	-	25	28	3.02	https://doi.org/10.1016/j.matlet.2019.03.068

668	Revathi B., Balakrishnan L., Chandar N.K.	Structural, morphological, optical, dielectric and magnetic field sensing characteristics of Bi1-xKxMnO3 and BiMn1-yCoyO3 nanopowders: A comparative study	Materials Letters	256	-	-	-	3.02	https://doi.org/10.1016/j.matlet.2019.126655
669	Hemalatha T., Prabu P., Nandagopal Gunadharini D., Ramudu Kamini N., Kuppuswami Gowthaman M.	Dual acting methotrexate conjugated nanocomposite for MR and CT imaging: Perspectives on therapeutic efficacy and in vivo biodistribution	Materials Letters	255	-	-	-	3.02	https://doi.org/10.1016/j.matlet.2019.126583
670	Magudieshwaran R., Ishii J., Raja K.C.N., Terashima C., Venkatachalam R., Fujishima A., Pitchaimuthu S.	Green and chemical synthesized CeO2 nanoparticles for photocatalytic indoor air pollutant degradation	Materials Letters	239	-	40	44	3.02	https://doi.org/10.1016/j.matlet.2018.11.172
671	Krishnakumar M., Karthick S., Vinitha G., Thirupugalmani K., Babu B., Brahadeeswaran S.	Growth, structural, linear, nonlinear optical and laser induced damage threshold studies of an organic compound: 2-Amino pyridinium-4-hydroxy benzoate	Materials Letters	235	-	35	38	3.02	https://doi.org/10.1016/j.matlet.2018.09.148
672	Vemanaboina, Harinadh; Edison, Gundabattini; Akella, Suresh	Effect of Residual Stresses of GTA Welding for Dissimilar Materials (vol 21, 1, 2018)	MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS	22	4	-	-	1.1	https://doi.org/10.1590/1980-5373-mr-2017-1053er
673	Nithya S., Sharan R., Roy M., Kim H.H., Ishihara T., Dutta A.	Ni doping in CuO: A highly sensitive electrode for sensing ammonia in ppm level using lanthanum gallate based electrolyte	Materials Research Bulletin	-	-	-	-	3.36	https://doi.org/10.1016/j.materresbull.2019.05.003

674	Ayyappadas C., Muthuchamy A., Kumar N.N., Agrawal D.K., Raja Annamalai A.	An investigation on tribological and electrical behaviour of conventional and microwave processed copper-graphite composites	Materials Research Express	6	6	-	-	1.45	https://doi.org/10.1088/2053-1591/ab1027
675	Arulmurugan M., Prabu K., Rajamurugan G., Selvakumar A.S.	Impact of BaSO 4 filler on woven Aloevera/Hemp hybrid composite: Dynamic mechanical analysis	Materials Research Express	6	4	-	-	1.45	https://doi.org/10.1088/2053-1591/aafb88
676	Solomon I., Sarma A.	Tribological and corrosion performance of DLC coating on sintered Al alloy	Materials Research Express	6	4	-	-	1.45	https://doi.org/10.1088/2053-1591/aafae2
677	Nagaraju N., Raja Annamalai A.	An investigation of phase stability, thermal conductivity and fracture toughness of 8YSZ-La2O3 ceramics	Materials Research Express	6	7	-	-	1.45	https://doi.org/10.1088/2053-1591/ab1603
678	Kumar V.V., Kumaran S.S.	Friction material composite: Types of brake friction material formulations and effects of various ingredients on brake performance-a review	Materials Research Express	6	8	-	-	1.45	https://doi.org/10.1088/2053-1591/ab2404
679	Hari P.R., Arivazhagan N., Rao M.N., Pavan A.H.V.	High temperature corrosion of alloy 617 OCC at 700 °c in simulated USC power plant environment	Materials Research Express	6	7	-	-	1.45	https://doi.org/10.1088/2053-1591/ab1619
680	Ponraj C., Vinitha G., Daniel J.	Photocatalytic degradation of acid red-85 dye by nickel substituted bismuth ferrite nanoparticles	Materials Research Express	6	8	-	-	1.45	https://doi.org/10.1088/2053-1591/ab225f
681	Balram Y., Rajyalakshmi G.	Thermal fields and residual stresses analysis in TIG weldments of SS 316 and Monel 400 by numerical simulation and experimentation	Materials Research Express	6	8	-	-	1.45	https://doi.org/10.1088/2053-1591/ab23cf

682	Prabu S.S.	Investigating the influence of titanium on wear characteristics of P/M hot extruded alloy steels	Materials Research Express	6	10	-	-	1.45	https://doi.org/10.1088/2053-1591/ab38d9
683	Nithin Joseph Reddy S.A., Sathiskumar R., Gokul Kumar K., Jerome S., Vinoth Jebaraj A., Arivazhagan N., Manikandan M.	Friction based joining process for high strength aerospace aluminium alloy	Materials Research Express	6	8	-	-	1.45	https://doi.org/10.1088/2053-1591/ab220c
684	Mathew R., Ravi Sankar A.	Influence of surface layer properties on the thermo-electro-mechanical characteristics of a MEMS/NEMS piezoresistive cantilever surface stress sensor	Materials Research Express	6	8	-	-	1.45	https://doi.org/10.1088/2053-1591/ab1c18
685	Ramkumar K.D., Prabu S.S., Arivazhagan N.	Investigation on the fusion zone microstructures and mechanical integrity of AISI 904L and Inconel 625 weld joints	Materials Research Express	6	8	-	-	1.45	https://doi.org/10.1088/2053-1591/ab1883
686	Margabandu S., Subramaniam S.	Experimental evaluation and numerical validation of bending and impact behaviours of hybrid composites with various stacking arrangements	Materials Research Express	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab54e7
687	Jesudoss S.K., Judith Vijaya J., Iyyappa Rajan P., John Kennedy L., Mkandawire M.	Hierarchically pure and M (Cu, Ni)-impregnated ZSM-5 zeolites for the isomerization catalysis of n-hexane and 1-hexene	Materials Research Express	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab5409

688	Kannan C., Ramanujam R., Ghosh R., Kumar V., Balan A.S.S.	Corrosion behaviour of novel molten salt processed aluminium nanocomposites under different treated conditions	Materials Research Express	6	11	-	-	1.45	https://doi.org/10.1088/2053-1591/ab51c0
689	Venkatachalam G., Reddy D.M., Tiwari S.K., Satonkar N., Kovalan S.	Fracture and flexural analysis of sandwich panel with polypropylene honeycomb as core and jute fabric reinforced epoxy matrix composite as skin layer	Materials Research Express	6	11	-	-	1.45	https://doi.org/10.1088/2053-1591/ab4f0e
690	Divya M., Malliga P., Divya R., Vinitha G., Pragasam J.A.A.	Studies on third order nonlinear optical properties of Nickel Boro Phthalate NLO crystal	Materials Research Express	6	11	-	-	1.45	https://doi.org/10.1088/2053-1591/ab4d6d
691	Singh, Baljit; Mohanty, Akash	Study of the mechanical, dielectric, and thermal properties of annealed modified nanodiamond/epoxy composites	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab58d7
692	Bhagade, Anshumaan; Gupta, Eshank; Jebaraj, A. Vinoth	Influence of plasma sprayed zirconia coating on surface properties of additive manufactured austenitic stainless steel 316 L	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab5568
693	Jithesh, K.; Arivarasu, M.	An investigation on hot corrosion and oxidation behavior of cobalt-based superalloy L605 in the simulated aero-engine environment at various temperatures	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab54dd
694	Singh, Baljit; Mohanty, Akash	Analysis of thermal and mechanical properties of annealed surface modified nanodiamond/epoxy nanocomposites	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab5600

695	Kesavulu, A.; Mohanty, Akash	Compressive performance and thermal stability of alumina-graphene nanoplatelets reinforced epoxy nanocomposites	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab58e3
696	Vignesh, G.; Narayanan, C. Sathiya; Pandivelan, C.; Shanmugapriya, K.; Tejavath, Bhavishya Naik; Tirupathi, Lavuri	Forming, fracture and corrosion behaviour of stainless steel 202 sheet formed by single point incremental forming process	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab5606
697	Sathishkumar, M.; Manikandan, M.	Hot corrosion behaviour of continuous and pulsed current gas tungsten arc welded Hastelloy X in different molten salts environment	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab562a
698	Ahila, G.; Bharathi, M. Divya; Mohana, J.; Vinitha, G.; Anbalagan, G.	Investigation on growth, structural, dielectric, optical and third-order optical nonlinear properties of 8-hydroxyquinolinium 4-chloro-3-nitrobenzoate 4-chloro-3-nitrobenzoic acid crystal	MATERIALS RESEARCH EXPRESS	6	12	-	-	1.45	https://doi.org/10.1088/2053-1591/ab676b
699	G Ahila., MD Bharathi., J Mohana., G Vinitha., G Anbalagan	Growth, optical, mechanical and nonlinear optical properties of Furfurylaminium 2-chloro-5-nitrobenzoate single crystal	Materials Research Express	6	4	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/aafb8b/pdf
700	Venkatesan S., Xavior M. Anthony	Wear characteristics studies on graphene reinforced AA7050 based composite	Materials Research Express	6	5	-	-	1.45	http://adsabs.harvard.edu/abs/2019MRE.....6e6501V

701	R Sitharthan., Manimaran Ponnusamy., D Shanmuga Sundar., Madurakavi Karthikeyan	Analysis on smart material suitable for autogenous microelectronic application	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab3c0b/meta
702	Harinadh Vemanaboina., Edison Gundabattini., Suresh Akella	Weld bead temperature and residual stresses evaluations in multipass dissimilar INCONEL625 and SS316L by GTAW using IR thermography and x-ray diffraction techniques	Materials Research Express	6	9			1.45	http://iopscience.iop.org/article/10.1088/2053-1591/ab3298/meta
703	Radha R., Sreekanth Dondapati., Nihal Bharti., Akshay Rana	Mg-1Sn/Al2O3 biodegradable composites: Effect of Al2O3 addition on mechanical, in-vitro corrosion and bioactivity response	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab3b41/meta
704	Soniya Chaudhary., A Sanjeev Sahu., Abhinav Singhal., Sona Nirwal	Interfacial imperfection study in pres-stressed rotating multiferroic cylindrical tube with wave vibration analytical approach	Materials Research Express	6	10	105704	105704	1.45	http://iopscience.iop.org/article/10.1088/2053-1591/ab3880/meta
705	Narendiranath Babu T., Tanay Kuclourya., Mohit Kumar Jain., R V Mangalaraja	Flexural properties of areca nut, sunn hemp and e-glass fibers reinforced with epoxy composites	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab3db5/meta
706	Sabina Rahaman., M Anantha Sunil., Monoj Kumar Singha., Kaustab Ghosh	Temperature dependent growth of Cu2SnS3 thin films using ultrasonic spray pyrolysis for solar cell absorber layer and photocatalytic application	Materials Research Express	6	10			1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab3928/meta

707	M Vanmathi., Senthil Kumar M., M Mohamed Ismail., G Senguttuvan	Optimization of process parameters for al-doping back ground on CO gas sensing characteristics of magnetron-sputtered TiO2 sensors	Materials Research Express	6	10			1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab3a02/meta
708	Abhinav Singhal., Sanjeev Sahu., Soniya Chaudhary., Sonal Nirwal	Anatomy of flexoelectricity in micro Plates with dielectrically highly/weakly and mechanically complaint interface	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab3f52/meta
709	Soniya Chaudhary., Juhi Baroi., Abhinav Singhal., Sanjeev Sahu	Initial and couple stress influence on the surface waves Transmission in material layers with imperfect interface	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab40e2/meta
710	Senthur Prabu S., Devendranath Ramkumar K., Arivazhagan N	Effect of hot corrosion on the bimetallic joints employed in the coal-fired boiler	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab43fd/meta
711	Joel J., Anthony Xavior M	Optimization on machining parameters of aluminium alloy hybrid composite using carbide insert	Materials Research Express	6	11			1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab46c7/meta
712	Magesh Kumar K., Arivazhagan N., Kuppan P	Studies on the effect of filler wires on micro level segregation of alloying elements in the alloy 617 weld fusion zone	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab4946/meta
713	Muthu S M., Arivarasu M	Oxidation and hot corrosion studies on Fe-based superalloy A-286 pulsed current GTA weldments in gas turbine environment	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab49cb/meta

714	Dinakaran Rajamani., Karthikeyan S	An experimental approach on Cu/CuO-Sn/SnO with graphene/MWCNT composites as a novel primary cell with an extended life span	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab4ca6/meta
715	Sambantham Karthikeyan., Rajagopal D., Kumar Ramakrishnan	Performance evaluation of novel thioctic acid conjugate as green corrosion inhibitor of L80 carbon steels in down pipes used in Khuff gas environment	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab4ddb/meta
716	Arivarasu M., Roshith P	Hot corrosion studies on fully austenitic stainless steel in air oxidation and simulated waste heat incinerator environment at 600 °C, 650 °C and 700°C	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab61ab/meta
717	Venkatachalam G., Mallikarjuna Reddy D., Vignesh Pragasam	Cellulose microfibrils from banana fibers: Characterization at different chemical processes	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab611b/meta
718	Atul Satish Takalkar., Lenin Babu M C	Investigation of thermal properties of Al1050/SS304 sandwich composite sheet by using a numerical, analytical and experimental approach	Materials Research Express					1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab610f/meta
719	Jithendra Reddy Chennur., S Elavenil	Performance of Na2SiO3 solution fly ash based geopolymer mortar under ambient curing	Materials Research Express	-	-	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab0dd1/meta
720	Sampath Kumar T., R Ramanujam., Vignesh M., Dunna Rohith., Vavilapalli Manoj., PeddiHema Sankar	Comparative machining studies on Custom 450 alloy with TiCN, TiAlN coated and uncoated carbide tools using Taguchi-Fuzzy logic approach	Materials Research Express	-	-	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab0d96/meta

721	Ranjith Kumar G., Rajyalakshmi G	Role of nano second laser wavelength embedded recast layer and residual stress on electrochemical corrosion of titanium alloy	Materials Research Express	-	-	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab1fb2/meta
722	Gokuraju Thriveni., Kaustab Ghosh	Performance analysis of nanoscale double gate strained silicon MOSFET with high k dielectric layers	Materials Research Express	-	-	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab1fca/meta
723	G Bharath., K Rambabu., Fawzi Banat., N Ponpandian., Edreese Alsharaeh., Abdel Halim Harrath., Abdulkarem Alrezaki., Saleh Alwasel	Shape-controlled rapid synthesis of magnetic nanoparticles and their morphological dependent magnetic and thermal studies for cancer therapy applications	Materials Research Express	6	6	-	-	1.45	https://iopscience
724	C Mahender., Ankur Soam., Ramesh Ade., Sambasiva Vadla., S Nayak., J Nanda., T P Sumangala	Enhancement in the magnetic and electrical conductivity properties of PVA- black tea composite films	Materials Research Express	6	6	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab0ac8/meta
725	M Abeens., R Muruganandhan., K Thirumavalavan., S Kalainathan	Surface modification of AA7075 T651 by laser shock peening to improve the wear characteristics	Materials Research Express	6	6	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab0b0e/meta
726	M Uthaya Kumar., A Pricilla Jeyakumari., M Suresh., Senthilkumar Chandran., G Vinitha	Synthesis, spectroscopic and DFT studies of Schiff based (E)-N'-(Benzo[d][1, 3]Dioxol-5-ylmethylene)nicotinohydrazide monohydrate single crystal: a promising organic nonlinear optical material	Materials Research Express	6	7	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab13c7/meta

727	A Soundhar., K Jayakrishna	Investigations on mechanical and morphological characterization of chitosan reinforced polymer nanocomposites	Materials Research Express	6	7	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab1288/meta
728	Ajithkumar J P., Anthony Xavior M	Flank and crater wear analysis during turning of Al 7075 based hybrid composites	Materials Research Express	-	-	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab196e/meta
729	Vignesh M., R Ramanujam	Machining investigation on Ti-6Al-4V alloy using a wire electrical discharge hybrid turning (WEDHT) process	Materials Research Express	-	-	-	-	1.45	https://iopscience.iop.org/article/10.1088/2053-1591/ab1996/meta
730	Mannoj Rajkumar G., Bhardwaj D., Kannan C., Oyyaravelu R., Balan A.S.S.	Effect of chilled air on delamination, induced vibration, burr formation and surface roughness in CFRP drilling: A comparative study	Materials Research Express	6	3	-	-	1.45	https://doi.org/10.1088/2053-1591/aaf47d
731	Srinivasan N., Kumaran S.S., Venkateswarlu D.	Effects of in-grain misorientation developments in sensitization of 304 L austenitic stainless steels	Materials Research Express	6	1	-	-	1.45	https://doi.org/10.1088/2053-1591/aae802
732	Srinivasan N., Kumaran S.S., Venkateswarlu D.	Effects of plastic strains on passivation behavior of different austenitic stainless steel grades	Materials Research Express	6	2	-	-	1.45	https://doi.org/10.1088/2053-1591/aaea2d
733	Jeyapandiarajan P., Joel J., Pramesh P., Dugar N., Chandok S., Anthony Xavior M.	Evaluating the mechanical characteristics of aluminium alloy 2285 processed by friction stir processing	Materials Research Express	6	1	-	-	1.45	https://doi.org/10.1088/2053-1591/aae5e5
734	Sreenivasulu V., Manikandan M.	Hot corrosion studies of HVOF sprayed carbide and metallic powder coatings on alloy 80A at 900 Â°c	Materials Research Express	6	3	-	-	1.45	https://doi.org/10.1088/2053-1591/aaf65d

735	Venkatesan A., Krishna Chandar N.R., Pradeeswari K., Pandi P., Kandasamy A., Mohan Kumar R., Jayavel R.	Influence of Al doping on structural, luminescence and electrochemical properties of V2O5 nanostructures synthesized via non-hydrolytic sol-gel technique	Materials Research Express	6	1	-	-	1.45	https://doi.org/10.1088/2053-1591/aae4a0
736	Suresh A., Manikandan N., Vinitha G.	N-Methylurea Succinic Acid (NMUSA): An optically non-linear organic crystal for NLO device application	Materials Research Express	6	2	-	-	1.45	https://doi.org/10.1088/2053-1591/aaed4a
737	Muthuchamy A., Yadev D., Agrawal D.K., Annamalai R.	Structure-property correlations of W-Ni-Fe-Mo heavy alloys consolidated using spark plasma sintering	Materials Research Express	6	2	-	-	1.45	https://doi.org/10.1088/2053-1591/aae349
738	Ganeshan P., Kumaran S.S., Raja K., Venkateswarlu D.	An investigation of mechanical properties of madar fiber reinforced polyester composites for various fiber length and fiber content	Materials Research Express	6	1	-	-	1.45	https://doi.org/10.1088/2053-1591/aae5bd
739	Roopan S.M., Devi Priya D., Shanavas S., Acevedo R., Al-Dhabi N.A., Arasu M.V.	CuO/C nanocomposite: Synthesis and optimization using sucrose as carbon source and its antifungal activity	Materials Science and Engineering C	101	-	404	414	4.96	https://doi.org/10.1016/j.msec.2019.03.105
740	A R., Mitun D., Balla V.K., Dwaipayan S., D D., Manivasagam G.	Surface properties and cytocompatibility of Ti-6Al-4V fabricated using Laser Engineered Net Shaping	Materials Science and Engineering C	100	-	104	116	4.96	https://doi.org/10.1016/j.msec.2019.02.099
741	Acharya S., Bahl S., Dabas S.S., Hassan S., Gopal V., Panicker A.G., Manivasagam G., Suwas S., Chatterjee K.	Role of aging induced Î± precipitation on the mechanical and tribocorrosive performance of a Î² Ti-Nb-Ta-O orthopedic alloy	Materials Science and Engineering C	103	-	-	-	4.96	https://doi.org/10.1016/j.msec.2019.109755

742	Subramanyam Deepika., Immanuel Selvaraj C., Mohana Roopan S	Screening bioactivities of Caesalpinia pulcherrima L. swartz and cytotoxicity of extract synthesized silver nanoparticles on HCT116â€¯cell line	Materials Science and Engineering C	106				4.96	https://www.sciencedirect.com/science/article/pii/S0928493119312172
743	Brindha J., Chanda K., Balamurali M.M.	Revisiting the insights and applications of protein engineered hydrogels	Materials Science and Engineering C	95	-	312	327	4.96	https://doi.org/10.1016/j.msec.2018.11.002
744	Rajendran A., Sugunapriyadharshini S., Mishra D., Pattanayak D.K.	Role of calcium ions in defining the bioactivity of surface modified Ti metal	Materials Science and Engineering C	98	-	197	204	4.96	https://doi.org/10.1016/j.msec.2018.12.096
745	Kumar K.C., Kaleemulla S.	Effect of (Sn, Ni) co-doping on structural, optical and magnetic properties of ZnS Nanoparticles and thin films	Materials Science in Semiconductor Processing	104	-	-	-	2.72	https://doi.org/10.1016/j.mssp.2019.104692
746	Perumal S., Gorsse S., Ail U., Prakasam M., Rajasekar P., Umarji A.M.	Enhanced thermoelectric figure of merit in nano-structured Si dispersed higher manganese silicide	Materials Science in Semiconductor Processing	104	-	-	-	2.72	https://doi.org/10.1016/j.mssp.2019.104649
747	MSukumar., L JohnKennedy., J JudithVijaya., BAl-Najar., MBououdina	Facile synthesis of Fe3+ doped La2CuO4/LaFeO3 perovskite nanocomposites: Structural, optical, magnetic and catalytic properties	Materials Science in Semiconductor Processing	-	-	-	-	2.72	https://www.sciencedirect.com/science/article/pii/S1369800118322583
748	Jegadheesan V., Sivasankaran K., Konar A.	Impact of geometrical parameters and substrate on analog/RF performance of stacked nanosheet field effect transistor	Materials Science in Semiconductor Processing	93	-	188	195	2.72	https://doi.org/10.1016/j.mssp.2019.01.003
749	Shalini B., Ruban Kumar A.	Biocompatibility and antibacterial study of Hydroxyapatite coupled with Joncryl61, 3-aminopropyltrimethoxysilane and gelatin using an MG-63 Osteoblast cell lines	Materials Technology	-	-	-	-	1.82	https://doi.org/10.1080/10667857.2019.1623528

750	PA P., M S.	Viscoelastic and mechanical behaviour of reduced graphene oxide and zirconium dioxide filled jute/epoxy composites at different temperature conditions	Materials Today Communications	19	-	252	261	1.86	https://doi.org/10.1016/j.mtcomm.2019.02.005
751	Salman O.O., Gammer C., Eckert J., Salih M.Z., Abdulsalam E.H., Prashanth K.G., Scudino S.	Selective laser melting of 316L stainless steel: Influence of TiB2 addition on microstructure and mechanical properties	Materials Today Communications	21	-	-	-	1.86	https://doi.org/10.1016/j.mtcomm.2019.100615
752	Padhi S., B.S.R.V. P., Mahendru D.	System of Riemann-Liouville fractional differential equations with nonlocal boundary conditions: Existence, uniqueness, and multiplicity of solutions	Mathematical Methods in the Applied Sciences	-	-	-	-	1.53	https://doi.org/10.1002/mma.5812
753	Reenu Rani., Sunita Gakkhar., Ali Moussaoui	Dynamics of a fishery system in a patchy environment with nonlinear harvesting	Mathematical Methods in the Applied Sciences					1.53	https://onlinelibrary.wiley.com/doi/abs/10.1002/mma.5826
754	Srivastav A.K., Yang J., Luo X., Ghosh M.	Spread of Zika virus disease on complex networkââ,¬â€Œ mathematical study	Mathematics and Computers in Simulation	157	-	15	38	1.41	https://doi.org/10.1016/j.matcom.2018.09.014
755	Jindal S.K., Mahajan A., Raghuwanshi S.K.	An inductive-capacitive-circuit-based micro-electromechanical system wireless capacitive pressure sensor for avionic applications: Preliminary investigations, theoretical modelling and simulation examination of newly proposed methodology	Measurement and Control (United Kingdom)	-	-	-	-	1.23	https://doi.org/10.1177/0020294019858095

756	Velappagari Sekhar., Ravi K	Low-voltage ride-through capability enhancement of wind energy conversion system using an ant-lion recurrent neural network controller	Measurement and Control			1	15	1.23	https://journals.sagepub.com/doi/pdf/10.1177/0020294019858102
757	R Sitharthan., CK Sundarabalan., KR Devabalaji., T Yuvaraj., A Mohamed Imran	Automated power management strategy for wind power generation system using pitch angle controller	Measurement and Control	-	-	-	-	1.23	https://journals.sagepub.com/doi/full/10.1177/0020294019827330
758	Ravichandran Chinnappan., Premalatha Logamani., Rengaraj Ramasubbu	Fixed- and variable-frequency sliding mode controllerâ€“maximum power point tracking converter for two-stage grid-integrated photovoltaic system employing nonlinear loads with power quality improvement features	Measurement and Control	-	-	-	-	1.23	https://journals.sagepub.com/doi/full/10.1177/0020294019830120
759	Umapathi A., Swaroop S.	Measurement of residual stresses in titanium alloys using synchrotron radiation	Measurement: Journal of the International Measurement Confederation	140	-	518	525	2.79	https://doi.org/10.1016/j.measurement.2019.04.021
760	Arunkumar S., Subramaniyaswamy V., Vijayakumar V., Chilamkurti N., Logesh R.	SVD-based robust image steganographic scheme using RIWT and DCT for secure transmission of medical images	Measurement: Journal of the International Measurement Confederation	139	-	426	437	2.79	https://doi.org/10.1016/j.measurement.2019.02.069
761	Jayashree J., Ananda Kumar S.	Evolutionary correlated gravitational search algorithm (ECGS) with genetic optimized Hopfield neural network (GHNN) â€“ A hybrid expert system for diagnosis of diabetes	Measurement: Journal of the International Measurement Confederation	145	-	551	558	2.79	https://doi.org/10.1016/j.measurement.2018.12.083

762	Joshuva A., Sugumaran V.	A lazy learning approach for condition monitoring of wind turbine blade using vibration signals and histogram features	Measurement: Journal of the International Measurement Confederation	-	-	-	-	2.79	https://doi.org/10.1016/j.measurement.2019.107295
763	Reddy A., Indragandhi V., Ravi L., Subramaniyaswamy V.	Detection of Cracks and damage in wind turbine blades using artificial intelligence-based image analytics	Measurement: Journal of the International Measurement Confederation	147	-	-	-	2.79	https://doi.org/10.1016/j.measurement.2019.07.051
764	Vijayarajeswari R., Parthasarathy P., Vivekanandan S., Basha A.A.	Classification of mammogram for early detection of breast cancer using SVM classifier and Hough transform	Measurement: Journal of the International Measurement Confederation	146	-	800	805	2.79	https://doi.org/10.1016/j.measurement.2019.05.083
765	Natesh M., Yun L., Arungalai Vendan S., Ramesh Kumar K.A., Gao L., Niu X., Peng X., Garg A.	Experimental and numerical procedure for studying strength and heat generation responses of ultrasonic welding of polymer blends	Measurement: Journal of the International Measurement Confederation	132	-	1	10	2.79	https://doi.org/10.1016/j.measurement.2018.09.043
766	Das A., Patel S.K., Hotta T.K., Biswal B.B.	Statistical analysis of different machining characteristics of EN-24 alloy steel during dry hard turning with multilayer coated cermet inserts	Measurement: Journal of the International Measurement Confederation	134	-	123	141	2.79	https://doi.org/10.1016/j.measurement.2018.10.065
767	Mekala M.S., Viswanathan P.	CLAY-MIST: IoT-cloud enabled CMM index for smart agriculture monitoring system	Measurement: Journal of the International Measurement Confederation	134	-	236	244	2.79	https://doi.org/10.1016/j.measurement.2018.10.072
768	Madhavee Latha P., Annis Fathima A.	Collective compression of images using averaging and transform coding	Measurement: Journal of the International Measurement Confederation	135	-	795	805	2.79	https://doi.org/10.1016/j.measurement.2018.12.035

769	Jha A.K., Dasgupta S.S.	Attenuation of Sommerfeld effect in an internally damped eccentric shaft-disk system via active magnetic bearings	Meccanica	-	-	-	-	2.32	https://doi.org/10.1007/s11012-018-00936-7
770	Manickam Ganapathi., Bharath Anirudh., Chandra Anant., Olivier Polit	Dynamic characteristics of functionally graded graphene reinforced porous nanocomposite curved beams based on trigonometric shear deformation theory with thickness stretch effect	Mechanics of Advanced Materials and Structures	-	-	1	12	2.87	https://www.tandfonline.com/doi/abs/10.1080/15376494.2019.1601310
771	Ramanathan K., Sayoni Maiti., Shanthi V., Woong-hee Shin., Daisuke Kihara	Implementation of pharmacophore-based 3D QSAR model and scaffold analysis in order to excavate pristine ALK inhibitors	Medicinal Chemistry Research	-	-	1	14	1.72	https://link.springer.com/article/10.1007/s00044-019-02410-9
772	Kumarasamy C., Madhav M.R., Sabarimurugan S., Lakhotiya K., Pandey V., Priyadharshini T., Baxi S., Gothandam K.M., Jayaraj R.	Diagnostic and prognostic role of HE4 expression in multiple carcinomas: A protocol for systematic review and meta-Analysis	Medicine (United States)	98	28	-	-	1.87	https://doi.org/10.1097/MD.0000000000015336

773	Kumarasamy, Chellan; Madhav, Madurantakam Royam; Sabarimurugan, Shanthi; Lakhotiya, Kartik; Pandey, Venkatesh; Priyadharshini, T.; Baxi, Siddhratha; Gothandam, K. M.; Jayaraj, Rama	Diagnostic and prognostic role of HE4 expression in multiple carcinomas	MEDICINE	98	28	-	-	1.87	https://doi.org/10.1097/MD.0000000000015336
774	Sabarimurugan S., Kumarasamy C., Royam M.M., Lakhotiya K., Muthukaliannan G.K., Ramalingam S., Jayaraj R.	Validation of miRNA prognostic significance in stage II colorectal cancer: A protocol for systematic review and meta-analysis of observational clinical studies	Medicine (United States)	98	12	-	-	1.87	https://doi.org/10.1097/MD.0000000000014570
775	Kumarasamy C., Sabarimurugan S., Madurantakam R.M., Lakhotiya K., Samiappan S., Baxi S., Nachimuthu R., Gothandam K.M., Jayaraj R.	Prognostic significance of blood inflammatory biomarkers NLR, PLR, and LMR in cancer-A protocol for systematic review and meta-analysis	Medicine	98	24	-	-	1.87	https://doi.org/10.1097/MD.0000000000014834
776	Sabarimurugan S., Madurantakam Royam M., Kumarasamy C., Kodiveri Muthukaliannan G., Samiappan S., Jayaraj R	Prognostic miRNA classifiers in t cell acute lymphoblastic leukemia	Medicine	98	9	e14569	e14569	1.87	https://journals.lww.com/md-journal/Fulltext/2019/03010/Prognostic_miRNA_classifiers_in_t_cell_acute.14.aspx

777	Mangala Lakshmi Ragavan., Nilanjana Das	Optimization of exopolysaccharide production by probiotic yeast Lipomyces starkeyi VIT-MN03 using response surface methodology and its applications	Annals of Microbiology	-	-	1	16	1.43	https://link.springer.com/article/10.1007/s13213-019-1440-9
778	Hatem Zayed., Thirumal Kumar D., Himani Tanwar., George Priya Doss C	Bioinformatics classification of mutations in patients with Mucopolysaccharidosis IIIA	Metabolic Brain Disease			1	18	2.41	https://link.springer.com/article/10.1007/s11011-019-00465-6#authorsandaffiliations
779	P V Satyanarayana., R Sokkalingam., P K Jena., K Sivaprasad., K G Prashanth	Tungsten Matrix Composite Reinforced with CoCrFeMnNi High-Entropy Alloy: Impact of Processing Routes on Microstructure and Mechanical Properties	Metals	9	9	1	12	2.26	file:///Z:/026COP%20-%20JSS/JSS%20BACKUP%20ACS/metals-09-00992.pdf
780	Miryala S.K., Anbarasu A., Ramaiah S.	Systems biology studies in Pseudomonas aeruginosa PA01 to understand their role in biofilm formation and multidrug efflux pumps	Microbial Pathogenesis	136	-	-	-	2.58	https://doi.org/10.1016/j.micpath.2019.103668
781	Gothandam K M., Shravan Jagannathan Sampathkumar., Prakhar Srivastava., Karthikeyan Shivasanmugam., Srinivasan Ramachandran	Lutein: A potential antibiofilm and antiquorum sensing molecule from green microalga Chlorella pyrenoidosa	Microbial Pathogenesis	135		103658	103658	2.58	https://www.sciencedirect.com/science/article/pii/S0882401019305649
782	Sengan M., Subramaniyan S.B., Arul Prakash S., Kamlekar R., Veerappan A.	Effective elimination of biofilm formed with waterborne pathogens using copper nanoparticles	Microbial Pathogenesis	127	-	341	346	2.58	https://doi.org/10.1016/j.micpath.2018.12.025

783	Kamarudheen N., Rao K.V.B.	Fatty acyl compounds from marine Streptomyces griseoincarnatus strain HK12 against two major bio-film forming nosocomial pathogens; an in vitro and in silico approach	Microbial Pathogenesis	127	-	121	130	2.58	https://doi.org/10.1016/j.micpath.2018.11.050
784	Sinha A., Lulu S., Vino S., Osborne W.J.	Reactive green dye remediation by Alternanthera philoxeroides in association with plant growth promoting Klebsiella sp. VITAJ23: A pot culture study	Microbiological Research	220	-	42	52	3.7	https://doi.org/10.1016/j.micres.2018.12.004
785	Shravanthi S Kumar., Asit Ranjan Ghosh	Assessment of bacterial viability: a comprehensive review on recent advances and challenges	Microbiology (Russian Federation)	-	-	-	-	1.03	https://europepmc.org/abstract/med/30843781
786	Pasupathy K.R., Bindu B.	Analysis of bipolar amplification due to heavy-ion irradiation in 45â€¯nm FDSOI MOSFET with thin BOX and ground plane	Microelectronics Reliability	98	-	56	62	1.48	https://doi.org/10.1016/j.microrel.2019.04.018
787	S.R. S., B. B.	Analytical modeling of random discrete traps induced threshold voltage fluctuations in double-gate MOSFET with HfO2/SiO2 gate dielectric stack	Microelectronics Reliability	99	-	87	95	1.48	https://doi.org/10.1016/j.microrel.2019.04.019
788	Shilaja C., Ravi K., K V Ramana Reddy	Squirrel cage induction generator to 140 bus weak distribution power grid connection using i-UPQC for voltage fluctuations	Microelectronics Journal	92				1.28	https://www.sciencedirect.com/science/article/abs/pii/S0026269219305245
789	Jha A.K., Dasgupta S.S.	Fractional order PID based optimal control for fractionally damped nonlocal nanobeam via genetic algorithm	Microsystem Technologies	-	-	-	-	1.51	https://doi.org/10.1007/s00542-019-04402-6

790	Yadav V., Nithin V., Mishra S., Hemanth C., Sangeetha R.G.	Hardware implementation of contention aware optical switching node for data center networks	Microwave and Optical Technology Letters	-	-	-	-	0.93	https://doi.org/10.1002/mop.31899
791	Bappadittya Roy., Tanweer Ali., Madurakavi Karthikeyan., Ramachandran Sitharthan	Compact multiband CPW fed monopole antenna with square ring and Tâ€shaped strips	Microwave and Optical Technology Letters					0.93	https://onlinelibrary.wiley.com/doi/abs/10.1002/mop.32106
792	Mohammad Saadh A.W., Poonkuzhali R., Ali T.	A miniaturized single-layered branched multiple-input multiple-output antenna for WLAN/WiMAX/INSAT applications	Microwave and Optical Technology Letters	-	-	-	-	0.93	https://doi.org/10.1002/mop.31652
793	De S., Banerjee S., Kumar S.K.A., Paira P.	Critical Role of Dipeptidyl Peptidase IV: A Therapeutic Target for Diabetes and Cancer	Mini-Reviews in Medicinal Chemistry	19	2	88	97	2.84	https://doi.org/10.2174/1389557518666180423112154
794	Lavanya S., SaravanaKumar N.M., Vijayakumar V., Thilagam S.	Secured Key Management Scheme for Multicast Network Using Graphical Password	Mobile Networks and Applications	-	-	-	-	2.39	https://doi.org/10.1007/s11036-019-01252-4
795	Ajay D.M., Umamaheswari E.	Packet Encryption for Securing Real-Time Mobile Cloud Applications	Mobile Networks and Applications	-	-	-	-	2.39	https://doi.org/10.1007/s11036-019-01263-1
796	Rajkumar S., Malathi G.	Impact of Image Artifact and Solution to the Image Quality Issues in Real Time SAR Images	Mobile Networks and Applications	-	-	-	-	2.39	https://doi.org/10.1007/s11036-019-01254-2
797	Joshua C.J., Duraisamy R., Varadarajan V.	A Reputation based Weighted Clustering Protocol in VANET: A Multi-objective Firefly Approach	Mobile Networks and Applications	-	-	-	-	2.39	https://doi.org/10.1007/s11036-019-01257-z
798	Klug N., Chauhan A., Vijayakumar V., Ragala R.	k-RNN: Extending NN-heuristics for the TSP	Mobile Networks and Applications	-	-	-	-	2.39	https://doi.org/10.1007/s11036-019-01258-y

799	Varadarajan V., Neelanarayanan V., Doyle R., Al-Shaikhli I.F., Groppe S.	Editorial: Mobile Networks in the Era of Big Data	Mobile Networks and Applications	-	-	-	-	2.39	https://doi.org/10.1007/s11036-019-01314-7
800	Md, Abdul Quadir; Varadarajan, Vijayakumar; Mandal, Karan	Efficient Algorithm for Identification and Cache Based Discovery of Cloud Services (vol 24, pg 1181, 2019)	MOBILE NETWORKS & APPLICATIONS	24	4	1198	1198	2.39	https://doi.org/10.1007/s11036-019-01280-0
801	Vijayakumar Varadarajan., Venkataraman Neelanarayanan., Ron Doyle., Ron Doyle., Sven Groppe	Emerging Solutions in Big Data and Cloud Technologies for Mobile Networks	Mobile Networks and Applications	-	-	-	-	2.39	https://link.springer.com/article/10.1007/s11036-019-01229-3
802	Prassanna J., Neelanarayanan Venkataraman	Threshold Based Multi-Objective Memetic Optimized Round Robin Scheduling for Resource Efficient Load Balancing in Cloud	Mobile Networks and Applications	-	-	1	12	2.39	https://link.springer.com/article/10.1007/s11036-019-01259-x
803	Bharathiraja S., Rajesh Kanna B	Anti-Forensics Contrast Enhancement Detection (AFCED) Technique in Images Based on Laplace Derivative Histogram	Mobile Networks and Applications	-	-	1	7	2.39	https://link.springer.com/article/10.1007/s11036-019-01255-1
804	Logesh Ravi., V Subramaniyaswamy., V Vijayakumar., Siguang Chen., A Karmel., Malathi Devarajan	Hybrid Location-based Recommender System for Mobility and Travel Planning	Mobile Networks and Applications	-	-	1	14	2.39	https://link.springer.com/article/10.1007/s11036-019-01260-4
805	Abdul Quadir Md., V Varadarajan., Karan Mandal	Efficient Algorithm for Identification and Cache Based Discovery of Cloud Services	Mobile Networks and Applications	-	-	1	17	2.39	https://link.springer.com/article/10.1007/s11036-019-01256-0

806	Yin Hui Chow., Chien Wei Ooi., Liandong Zhu., Rambabu K., Pau Loke Show., Shir Reen Chia., Malcolm Sy Tang	Recent Developments of Reverse Micellar Techniques for Lysozyme, Bovine Serum Albumin, and Bromelain Extraction	Molecular Biotechnology			1	10	1.71	https://link.springer.com/article/10.1007/s12033-019-00200-7
807	Safeena Kulsum., Nalini Raju., Nisheena Raghavan., Ravindra D. R. Ramanjanappa., Anupam Sharma., Alka Mehta., Moni A. Kuriakose., Amritha Suresh	Cancer Stem cells and fibroblast niche cross talk in an inâ€itro oral dysplasia model	Molecular Carcinogenesis	-	-	-	-	3.41	https://onlinelibrary.wiley.com/doi/abs/10.1002/mc.22974
808	Jayaraj R., Nadana S., Sabarimurugan S., Madurantakam Royam M., Kumarasamy C., Xu X., Xu G.	Authorsâ€™ Reply to Wang and Huang: â€œPrognostic Significance of FOXC1 in Various Cancers: A Systematic Review and Meta-analysisâ€	Molecular Diagnosis and Therapy	23	6	813	814	3.06	https://doi.org/10.1007/s40291-019-00431-z
809	Shanthi Sabarimurugan., Nadana Sabapathi., Madhav Madurantakam Royam., Chellan Kumarasamy., Xingzhi Xu., Gaixia Xu., Rama Jayaraj	Prognostic Significance of FOXC1 in Various Cancers: A Systematic Review and Meta-Analysis	Molecular Diagnosis and Therapy	-	-	1	12	3.06	https://link.springer.com/article/10.1007/s40291-019-00416-y

810	Singh, Anshuman; Mudawal, Anubha; Shukla, Rajendra K.; Yadav, Sanjay; Khanna, Vinay K.; Sethumadhavan, Rao; Parmar, Devendra	Effect of Gestational Exposure of Cypermethrin on Postnatal Development of Brain Cytochrome P450 2D1 and 3A1 and Neurotransmitter Receptors (vol 52, pg 741, 2015)	MOLECULAR NEUROBIOLOGY	56	11	7907	7908	4.59	https://doi.org/10.1007/s12035-019-01747-x
811	Singh, Anshuman; Mudawal, Anubha; Maurya, Pratibha; Jain, Rajeev; Nair, Saumya; Shukla, Rajendra K.; Yadav, Sanjay; Singh, Dhirendra; Khanna, Vinay Kumar; Chaturvedi, Rajnish Kumar; Mudiam, Mohana K. R.; Sethumadhavan, Rao; Siddiqi, Mohammad Imran; Parmar	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 (vol 52, pg 3670, 2016)	MOLECULAR NEUROBIOLOGY	56	9	6658	6659	4.59	https://doi.org/10.1007/s12035-019-01688-5
812	Mullick, Madhubanti; Sen, Dwaipayan	Amelioration of Acetaminophen-Induced Liver Inflammation via Delta-Opioid Receptor Activated Human Mesenchymal Stem Cells-An In Vivo Approach	MOLECULAR THERAPY	27	4	145	145	8.4	

813	Hameed, Pearlin; Manivasagam, Geetha; Sen, Dwaipayan	Synergistic Effect of Small Molecules: A Potential Alternate to Bmp-2 for Enhanced Osteogenesis of Human Mesenchymal Stem Cells- An In Vitro Study	MOLECULAR THERAPY	27	4	146	147	8.4	
814	Reddy, Vinod Kumar; Sen, Dwaipayan	Activation of DOR on Human Mesenchymal Stem Cells Promotes Cardiomyocyte Differentiation, Angiogenesis and Anti-Inflammation via the DOR/NOTCH1/HES1 Signaling Cascade	MOLECULAR THERAPY	27	4	289	290	8.4	
815	Katari, Venkatesh; Sen, Dwaipayan	Regulation of Differentiation of Neural Stem Cells from Human Mesenchymal Stem Cells by MicroRNA	MOLECULAR THERAPY	27	4	405	405	8.4	
816	Vaishali Bhardwaj., Abul Kalam Azad Mandal	Next-Generation Sequencing Reveals the Role of Epigallocatechin-3-Gallate in Regulating Putative Novel and Known microRNAs Which Target the MAPK Pathway in Non-Small-Cell Lung Cancer A549 Cells	Molecules	24	2	1	31	3.06	https://www.mdpi.com/1420-3049/24/2/368
817	Chuan-yu Chang., Kathiravan Srinivasan., Hui-ya Hu., Yuh-shyan Tsai., Vishal Sharma., Punjal Agarwal	SFFSâ€“SVM based prostate carcinoma diagnosis in DCE-MRI via ACM segmentation	Multidimensional Systems and Signal Processing			1	22	2.34	https://link.springer.com/article/10.1007/s11045-019-00682-3
818	Thirumalai C.S., Viswanathan P.	Modelling a side channel resistant CHAN-PKC cryptomata for medical data security	Multimedia Tools and Applications	-	-	-	-	2.1	https://doi.org/10.1007/s11042-019-7730-1

819	Athanesious J.J., Chakkaravarthy S.S., Vasuhi S., Vaidehi V.	Trajectory based abnormal event detection in video traffic surveillance using general potential data field with spectral clustering	Multimedia Tools and Applications	78	14	19877	19903	2.1	https://doi.org/10.1007/s11042-019-7332-y
820	Gopalakrishnan C., Iyapparaja M.	Active contour with modified Otsu method for automatic detection of polycystic ovary syndrome from ultrasound image of ovary	Multimedia Tools and Applications	-	-	-	-	2.1	https://doi.org/10.1007/s11042-019-07762-3
821	Varadarajan, Vijayakumar; Subramaniyaswamy, V; Yang, Longzhi; Abawajy, Jemal	Soft computing techniques and applications for intelligent multimedia systems	MULTIMEDIA TOOLS AND APPLICATIONS	78	23	32361	32361	2.1	https://doi.org/10.1007/s11042-019-08136-5
822	Grande NagaJyothi., Sriadibhatla Sridevi	High speed and low area decision feed-back equalizer with novel memory less distributed arithmetic filter	Multimedia Tools and Applications	-	-	1	15	2.1	https://link.springer.com/article/10.1007/s11042-018-7038-6
823	K Muthuvel., Anto S., T Jerry Alexander	GABC based neuro-fuzzy classifier with hybrid features for ECG Beat classification	Multimedia Tools and Applications			1	22	2.1	https://link.springer.com/article/10.1007/s11042-019-08132-9
824	P Punithavathi., S Geetha	Partial DCT-based cancelable biometric authentication with security and privacy preservation for IoT applications	Multimedia Tools and Applications	-	-	1	28	2.1	https://link.springer.com/article/10.1007/s11042-019-7617-1
825	S Priyanka., MS Sudhakar	An effective image retrieval framework in invariant feature space merging GeoSOM with modified inverted indexing	Multimedia Tools and Applications	-	-	1	17	2.1	https://link.springer.com/article/10.1007/s11042-019-7355-4
826	Basha S.M., Rajput D.S.	A roadmap towards implementing parallel aspect level sentiment analysis	Multimedia Tools and Applications	-	-	-	-	2.1	https://doi.org/10.1007/s11042-018-7093-z

827	Venkateswaranvivekananthan., Arunkumar Chandrasekhar., Nagamalleswara Rao Alluri., Yuvasree Purusothaman., Gaurav Khandelwal., Rajagopalan Pandey., Sang-jae Kim	Fe2O3 magnetic particles derived triboelectric-electromagnetic hybrid generator for zero-power consuming seismic detection	Nano Energy	64				15.55	https://www.sciencedirect.com/science/article/pii/S2211285519306330
828	Arun Kumar Chandrasekar., Gaurav Khandelwal., Tarun Minocha., Sanjeev Kumar Yadav., Nirmal Prashanth Maria Joseph Raj., Subash Chandra Gupta., Sang Jae Kim	All edible materials derived biocompatible and biodegradable triboelectric nanogenerator	Nano Energy	65		104016		15.55	https://www.sciencedirect.com/science/article/pii/S2211285519307232
829	Arunkumar Chandrasekhar., Venkateswaran Vivekananthan., Gaurav Khandelwal., Sang Jae Kim	A fully packed water-proof, humidity resistant triboelectric nanogenerator for transmitting Morse code	Nano Energy	-	-	-	-	15.55	https://www.sciencedirect.com/science/article/pii/S2211285519303052

830	Nirmal PrashanthMaria Joseph Raja., Nagamalleswara RaoAlluri., ArunkumarChandrasekhar., Gaurav Khandelwal., Sang-JaeKim	Self-powered ferroelectric NTC thermistor based on bismuth titanate	Nano Energy	62	-	329	337	15.55	https://www.sciencedirect.com/science/article/pii/S2211285519304252
831	Venkatesh K., Kumari A., Sen D.	MicroRNA signature changes during induction of neural stem cells from human mesenchymal stem cells	Nanomedicine: Nanotechnology, Biology, and Medicine	17	-	94	105	5.57	https://doi.org/10.1016/j.nano.2019.01.003
832	A R., Das M., Balla V.K., D D., Sen D., Manivasagam G.	Surface engineering of LENS-Ti-6Al-4V to obtain nano- and micro-surface topography for orthopedic application	Nanomedicine: Nanotechnology, Biology, and Medicine	18	-	157	168	5.57	https://doi.org/10.1016/j.nano.2019.02.010
833	Thanjeem Begum M.E., Baul H.S., Venkatesh K., Sen D.	Novel miRNA expression in the delta opioid signaling pathway mediated cell survivability in an in vitro model of ER stress	Nanomedicine: Nanotechnology, Biology, and Medicine	17	-	150	187	5.57	https://doi.org/10.1016/j.nano.2019.01.009
834	Vishnu J., K Manivasagam V., Gopal V., Bartomeu Garcia C., Hameed P., Manivasagam G., Webster T.J.	Hydrothermal treatment of etched titanium: A potential surface nano-modification technique for enhanced biocompatibility	Nanomedicine: Nanotechnology, Biology, and Medicine	20	-	-	-	5.57	https://doi.org/10.1016/j.nano.2019.102016
835	Fernau H., Kuppusamy L., Raman I.	Computational completeness of simple semi-conditional insertionâ€“deletion systems of degree (2,1)	Natural Computing	-	-	-	-	1.33	https://doi.org/10.1007/s11047-019-09742-w

836	Purusothaman Y., Alluri N.R., Chandrasekhar A., Venkateswaran V., Kim S.-J.	Piezophototronic gated optofluidic logic computations empowering intrinsic reconfigurable switches	Nature Communications	10	1	-	-	11.88	https://doi.org/10.1038/s41467-019-12148-y
837	Gopinath M.P., Tamizharasi G.S., Kavisankar L., Sathyaraj R., Karthi S., Aarthy S.L., Balamurugan B.	A secure cloud-based solution for real-time monitoring and management of Internet of underwater things (IOUT)	Neural Computing and Applications	31	-	293	308	4.66	https://doi.org/10.1007/s00521-018-3774-9
838	Prabhakaran N., Sudhakar M.S.	Fuzzy curvilinear path optimization using fuzzy regression analysis for mid vehicle collision detection and avoidance system analyzed on NGSIM I-80 dataset (real-road scenarios)	Neural Computing and Applications	31	5	1405	1423	4.66	https://doi.org/10.1007/s00521-018-3553-7
839	Chandra Babu G., Shantharajah S.P.	Optimal body mass index cutoff point for cardiovascular disease and high blood pressure	Neural Computing and Applications	31	5	1585	1594	4.66	https://doi.org/10.1007/s00521-018-3484-3
840	Roy P.K., Singh J.P.	Predicting closed questions on community question answering sites using convolutional neural network	Neural Computing and Applications	-	-	-	-	4.66	https://doi.org/10.1007/s00521-019-04592-0
841	Amrit Das., Uttam Kumar Bera., Manoranjan Maiti	A solid transportation problem in uncertain environment involving type-2 fuzzy variable	Neural Computing and Applications	-	-	1	25	4.66	https://link.springer.com/article/10.1007/s00521-018-03988-8

842	Kandasamy M., Radhakrishnan R.K., Poornimai Abirami G.P., Roshan S.A., Yesudhas A., Balamuthu K., Prahalathan C., Shanmugaapriya S., Moorthy A., Essa M.M., Anusuyadevi M.	Possible Existence of the Hypothalamic-Pituitary-Hippocampal (HPH) Axis: A Reciprocal Relationship Between Hippocampal Specific Neuroestradiol Synthesis and Neuroblastosis in Ageing Brains with Special Reference to Menopause and Neurocognitive Disorders	Neurochemical Research	-	-	-	-	2.78	https://doi.org/10.1007/s11064-019-02833-1
843	Cassandra D Solomons., Vivekanandan Shanmugasundaram	A review of transcranial electrical stimulation methods in stroke rehabilitation	Neurology India	67	2	417	423	2.71	http://www.neurologyindia.com/article.asp?issn=0028-3886;year=2019;volume=67;issue=2;spage=417;epage=423;aulast=Solomons
844	David E., Viswanathan T., Prabu S., Palanisami N.	N-Arylated bisferrocene pyrazole for the dual-mode detection of hydrogen peroxide: An AIE-active fluorescent "turn ON/OFF" and electrochemical non-enzymatic sensor	New Journal of Chemistry	43	22	8539	8550	3.07	https://doi.org/10.1039/c9nj01471c
845	Gopalakrishnan M., Viswanathan T., David E., Thirumoorthy K., Bhuvanesh N.S.P., Palanisami N.	Second-order nonlinear optical properties of eight-membered centrosymmetric cyclic borasiloxanes	New Journal of Chemistry	43	27	10948	10958	3.07	https://doi.org/10.1039/c9nj01611b
846	Megarajan S., Kamlekar R.K., Kumar P.S., Anbazhagan V.	Rapid and selective colorimetric sensing of Au3+ ions based on galvanic displacement of silver nanoparticles	New Journal of Chemistry	43	47	18741	18746	3.07	https://doi.org/10.1039/c9nj04289j

847	Harmalkar D.S., Santosh G., Shetgaonkar S.B., Sankaralingam M., Dhuri S.N.	A putative heme manganese(v)-oxo species in the C-H activation and epoxidation reactions in an aqueous buffer	New Journal of Chemistry	43	33	12900	12906	3.07	https://doi.org/10.1039/c9nj01381d
848	Sourav De., Shreya Ray Chaudhuri., Arpita Panda., Gajanan Rahosahe Jadhav., R. Selva Kumar., Prasanth Manohar., N. Ramesh., Ashaparna Mondal., Anbalagan Moorthy., Subhasis Banerjee., Priyankar Paira., S. K. Ashok Kumar	Synthesis, characterisation, molecular docking, biomolecular interaction and cytotoxicity studies of novel ruthenium (ii)â€“arene-2-heteroarylbenzoxazole complexes	New Journal of Chemistry	43	-	3291	3302	3.07	https://pubs.rsc.org/en/content/articlehtml/2019/nj/c8nj04999h
849	Puratchikody A., Umamaheswari A., Irfan N., Sinha S., Manju S.L., Ramanan M., Ramamoorthy G., Doble M.	A novel class of tyrosine derivatives as dual 5-LOX and COX-2/mPGES1 inhibitors with PGE2 mediated anticancer properties	New Journal of Chemistry	43	2	834	846	3.07	https://doi.org/10.1039/c8nj04385j
850	Reddy, Seethi Reddy Reddisekhar; Reddy, Polu Bala Anki; Chamkha, Ali J.	Influence of Soret and Dufour effects on unsteady 3D MHD slip flow of Carreau nanofluid over a slendering stretchable sheet with chemical reaction	NONLINEAR ANALYSIS-MODELLING AND CONTROL	24	6	853	869	2.34	https://doi.org/10.15388/NA.2019.6.1

851	Prasad K.D., Prasad B.S.R.V.	Qualitative analysis of additional food provided predatorâ€“prey system with anti-predator behaviour in prey	Nonlinear Dynamics	-	-	-	-	4.6	https://doi.org/10.1007/s11071-019-04883-0
852	Mandal, Moumita; Nelakanti, Gnaneshwar	Superconvergence Results for Weakly Singular Fredholm-Hammerstein Integral Equations	NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION	40	5	548	570	0.82	https://doi.org/10.1080/01630563.2018.1561468
853	Panigrahi T., Shivakumar S., Shetty R., D'souza S., Nelson E.J.R., Sethu S., Jeyabalan N., Ghosh A.	Trehalose augments autophagy to mitigate stress induced inflammation in human corneal cells	Ocular Surface	17	4	699	713	9.11	https://doi.org/10.1016/j.jtos.2019.08.004
854	Kumar A., Kumar M., Jindal S.K., Raghuwanshi S.K.	Implementation of all-optical active low/high tri-state buffer logic using the micro-ring resonator structures	Optical and Quantum Electronics	-	-	-	-	1.55	https://doi.org/10.1007/s11082-019-1898-5
855	Monisha S., Saranya D., Rajesh A.	Design and analysis of multi-hexagonal reversible encoder using photonic crystals	Optical and Quantum Electronics	51	1	-	-	1.55	https://doi.org/10.1007/s11082-018-1718-3
856	Rajeev M., Mathew G.A., Krishnan P.	Analysis of beam divergence on free space optical link using polarization shift keying technique	Optical Engineering	58	4	-	-	1.21	https://doi.org/10.1117/1.OE.58.4.046109
857	Natarajan Sangeetha Kalaivasan., Valarmathi Jayaraman., Bhavani Kumar Yellapragada., Sivabalan Sivaraj	Investigation on the performance of Levinson recursion algorithm-based Wiener filter in gluing ground-based lidar signals	Optical Engineering	58	6	-	-	1.21	https://www.spiedigitallibrary.org/journals/Optical-Engineering/volume-58/issue-6/063101/Investigation-on-the-performance-of-Levinson-recursion-algorithm-based-Wiener/10.1117/1.OE.58.6.063101.short?SSO=1

858	Malavika R., Prabu K.	Design optimization of a highly sensitive spiral photonic crystal fiber for liquid and chemical sensing applications	Optical Fiber Technology	51	-	36	40	1.82	https://doi.org/10.1016/j.yofte.2019.05.001
859	Prabu K., Malavika R.	Highly birefringent photonic crystal fiber with hybrid cladding	Optical Fiber Technology	47	-	21	26	1.82	https://doi.org/10.1016/j.yofte.2018.11.015
860	George J., Sasikala V., Joy L.K., Sajan D., Arumanayagam T., Murugakoothan P., Vinitha G.	Vibrational spectra, dielectric properties, conductivity mechanisms and third order nonlinear optical properties of guanidinium 4-aminobenzoate	Optical Materials	89	-	48	62	2.69	https://doi.org/10.1016/j.optmat.2019.01.006
861	Ittyachan R., George J., Cherian L., Joseph L., Sajan D., Vinitha G.	Experimental and theoretical studies on the bifurcated hydrogen bonded NLO active material of pure and crystal violet dye-doped L-argininium bis dihydrogen phosphate	Optical Materials	92	-	111	124	2.69	https://doi.org/10.1016/j.optmat.2019.04.019
862	Mani Rahulan K., Annie Sujatha R., Angeline Little Flower N., Vinitha G., Suhana A.	Spectral and third order nonlinear optical properties of Yttrium-doped BaWO4 nanostructures	Optical Materials	88	-	466	471	2.69	https://doi.org/10.1016/j.optmat.2018.12.014
863	Umapathi A., Swaroop S.	Mechanical properties of a laser peened Ti-6Al-4V	Optics and Laser Technology	119	-	-	-	3.32	https://doi.org/10.1016/j.optlastec.2019.105568
864	Jebin R.P., Suthan T., Rajesh N.P., Vinitha G.	Growth and characterization of organic material 3,4,5-trimethoxybenzaldehyde single crystal for optical applications	Optics and Laser Technology	115	-	500	507	3.32	https://doi.org/10.1016/j.optlastec.2019.02.054
865	Prabhakaran S., Kalainathan S., Shukla P., Vasudevan V.K.	Residual stress, phase, microstructure and mechanical property studies of ultrafine bainitic steel through laser shock peening	Optics and Laser Technology	115	-	447	458	3.32	https://doi.org/10.1016/j.optlastec.2019.02.041

866	George J., George M., Alex J., Sajan D., Shihab N.K., Vinitha G., Chitra R.	Growth of Morpholin-4-ium hydrogen tartrate single crystal for optical limiting application	Optics and Laser Technology	119	-	-	-	3.32	https://doi.org/10.1016/j.optlastec.2019.105647
867	D Karthik., S Swaroop	Electrochemical stability of laser shock peened 17-4 PH stainless steel	Optics and Laser Technology	120				3.32	https://www.sciencedirect.com/science/article/pii/S0030399219302348
868	Jerusha E., Shahil Kirupavathy S., Vinitha G., Shalini S.	Effect of P-nitrophenol as dopant in ammonium tetroxalate dihydrate ââ,¬â€œ Spectral, optical, thermal and dielectric analyses	Optics and Laser Technology	111	-	734	743	3.32	https://doi.org/10.1016/j.optlastec.2018.09.009
869	Mani Rahulan K., Sahoo T., Angeline Little Flower N., Phebe Kokila I., Vinitha G., Annie Sujatha R.	Effect of Sr2+ doping on the linear and nonlinear optical properties of ZnO nanostructures	Optics and Laser Technology	109	-	313	318	3.32	https://doi.org/10.1016/j.optlastec.2018.08.019
870	Rajan S.S., Manivasagam G., Ranganathan M., Swaroop S.	Influence of laser peening without coating on microstructure and fatigue limit of Ti-15V-3Al-3Cr-3Sn	Optics and Laser Technology	111	-	481	488	3.32	https://doi.org/10.1016/j.optlastec.2018.10.027
871	Nivetha K., Madhuri W.	Structural, spectral, thermal, and optical studies of stilbazolium derivative crystal: (E)-4-(3-hydroxy-4-methoxystyryl)-1-methyl pyridinium iodide monohydrate	Optics and Laser Technology	109	-	496	503	3.32	https://doi.org/10.1016/j.optlastec.2018.08.035
872	Arun Kumar S., Senthilselvan J., Vinitha G.	Third order nonlinearity and optical limiting behaviors of Yb:YAG nanoparticles by Z-scan technique	Optics and Laser Technology	109	-	561	568	3.32	https://doi.org/10.1016/j.optlastec.2018.08.037
873	N K., K R., G V., R A., C R.R.	Structural, spectral, thermal and nonlinear optical analysis of anhydrous citric acid crystal	Optik	192	-	-	-	1.91	https://doi.org/10.1016/j.ijleo.2019.162960

874	Chaki J., Dey N., Moraru L., Shi F.	Fragmented plant leaf recognition: Bag-of-features, fuzzy-color and edge-texture histogram descriptors with multi-layer perceptron	Optik	181	-	639	650	1.91	https://doi.org/10.1016/j.ijleo.2018.12.107
875	Mohanraj J., Velmurugan V., Sivabalan S.	Tunable passively Q-switched ytterbium-doped fiber laser using MoWS 2 /rGO nanocomposite saturable absorber	Opto-electronics Review	27	1	18	24	1.44	https://doi.org/10.1016/j.opelre.2018.11.001
876	Jayaraj R., Kumarasamy C., Royam M.M., Sabarimurugan S., Baxi S.	Prognostic implications of pathologic lymph nodes in HPV-positive oropharyngeal cancers: Clinical validity and strategies for routine clinical practice	Oral Oncology	92	-	99	100	3.73	https://doi.org/10.1016/j.oraloncology.2019.03.002
877	Jayaraj R., Kumarasamy C., Madhav M.R., Shetty S.	Clinical validation of the Salivary HPV DNA assessment and its link to the locoregional disease burden in advanced HPV associated oropharyngeal cancer	Oral Oncology	97	-	149	150	3.73	https://doi.org/10.1016/j.oraloncology.2019.07.027
878	Rama Jayaraj., Chellan Kumarasamy., Shanthi Sabarimurugan., Madurantakam Royam Madhav., Kartik Lakhotiya., Ramesh Nachimuth., KM Gothandam., Suja Samiappan	Prognostic significance of Lymph Node Ratio (LNR): Clinical insights and strategies for routine clinical practice	Oral Oncology	-	-	-	-	3.73	https://www.researchgate.net/profile/Rama_Jayaraj/publication/331187216_Prognostic_significance_of_Lymph_Node_Ratio_LNR_Clinical_insights_and_strategies_for_routine_clinical_practice/links/5c732d53458515831f6cc8cf/Prognostic-significance-of-Lymph-Node-Rat

879	Reddy C.M.L., Nawaz Khan F.R., Saravanan V.	Facile synthesis of: N-1,2,4-oxadiazole substituted sulfoximines from N-cyano sulfoximines	Organic and Biomolecular Chemistry	17	41	9187	9199	3.49	https://doi.org/10.1039/c9ob01931f
880	Sachin S Ichake., Bharath Kumar Villuri., Sabbasani Rajasekhara Reddy., Veerababurao Kavala., Ching-Fa Yao	A Synthetic Strategy for the Construction of Functionalized Triphenylene Frameworks via Palladium Catalyzed Intramolecular Annulation/Decyanogenative Câ€“H Bond Alkenylation	ORGANIC LETTERS	-	-	-	-	6.56	https://pubs.acs.org/doi/abs/10.1021/acs.orglett.9b00532
881	Dinesh P., Rasool M.K.	Berberine mitigates IL-21/IL-21R mediated autophagic influx in fibroblast-like synoviocytes and regulates Th17/Treg imbalance in rheumatoid arthritis	Apoptosis	24	43684	644	661	4.02	https://doi.org/10.1007/s10495-019-01548-6
882	AmitiRamasamyTamizhselvi., VenkatramanManickam	Menadione (vitamin K3) inhibits hydrogen sulfide and substance P via NF-ÐºB pathway in caerulein-induced acute pancreatitis and associated lung injury in mice	Pancreatology	19	2	266	273	3.24	https://www.sciencedirect.com/science/article/pii/S1424390319300134
883	Jayaraj R., Kumarasamy C., Madhav M.R.	Practical approaches to interpretation of findings from a systematic review and network meta-analysis on efficacy and resistance of different artemisinin-based combination therapies	Parasitology International	73	-	-	-	2.02	https://doi.org/10.1016/j.parint.2019.101949
884	Ding S., Qu S., Xi Y., Sangaiah A.K., Wan S.	Image caption generation with high-level image features	Pattern Recognition Letters	123	-	89	95	2.81	https://doi.org/10.1016/j.patrec.2019.03.021
885	G. S.S., K. M.	Diagnosis of diabetes diseases using optimized fuzzy rule set by grey wolf optimization	Pattern Recognition Letters	125	-	432	438	2.81	https://doi.org/10.1016/j.patrec.2019.06.005

886	Chellapilla K.R., Lokavarapu B.R.	Non-linear torsional vibration of lengthy thin-walled simply supported beam of open section resting on Winkler foundation	Applied Acoustics	155	-	325	337	2.3	https://doi.org/10.1016/j.apacoust.2019.05.012
887	Rajeswari A.R., Kulothungan K., Ganapathy S., Kannan A.	A trusted fuzzy based stable and secure routing algorithm for effective communication in mobile adhoc networks	Peer-to-Peer Networking and Applications	-	-	-	-	2.4	https://doi.org/10.1007/s12083-019-00766-8
888	Maya Gopal P.S., Bhargavi R.	Performance Evaluation of Best Feature Subsets for Crop Yield Prediction Using Machine Learning Algorithms	Applied Artificial Intelligence	33	7	621	642	0.99	https://doi.org/10.1080/08839514.2019.1592343
889	Santosh Kumar Ray., Amir Ahmad., Aswani Kumar Cherukuri	Review and Implementation of Topic Modeling in Hindi	Applied Artificial Intelligence			1	29	0.99	https://www.tandfonline.com/doi/abs/10.1080/08839514.2019.1661576
890	Sinha A., P. K S.	Enhanced Induction of Apoptosis in HaCaT Cells by Luteolin Encapsulated in PEGylated Liposomesâ€"Role of Caspase-3/Caspase-14	Applied Biochemistry and Biotechnology	188	1	147	164	2.14	https://doi.org/10.1007/s12010-018-2907-z
891	James N., Shanthi V., Ramanathan K.	Density Functional Theory and Molecular Simulation Studies for Prioritizing Anaplastic Lymphoma Kinase Inhibitors	Applied Biochemistry and Biotechnology	-	-	-	-	2.14	https://doi.org/10.1007/s12010-019-03156-1
892	Shanavas S., Mohana Roopan S., Priyadharsan A., Devipriya D., Jayapandi S., Acevedo R., Anbarasan P.M.	Computationally guided synthesis of (2D/3D/2D) rGO/Fe2O3/g-C3N4 nanostructure with improved charge separation and transportation efficiency for degradation of pharmaceutical molecules	Applied Catalysis B: Environmental	255	-	-	-	14.23	https://doi.org/10.1016/j.apcatb.2019.117758

893	Abraham J., Gajendiran A.	Biodegradation of fipronil and its metabolite fipronil sulfone by Streptomyces rochei strain AJAG7 and its use in bioremediation of contaminated soil	Pesticide Biochemistry and Physiology	155	-	90	100	2.87	https://doi.org/10.1016/j.pestbp.2019.01.011
894	Revathi S., Subhashree V.	Comparative study on the effect of nitric oxide. c hromium and EDTA on oxidative stress responses in Agathi (Sesbania grandiflora L. pers)	Applied Ecology and Environmental Research	17	2	3269	3291	0.69	https://doi.org/10.15666/aeer/1702_32693291
895	Prince, Sabina Evan; Martin, Sherry Joseph; Lavinya, B. Udhaya; Selvanathan, Kavitha; Geetha, A.	Anti-tuberculosis drug-induced oxidative stress in kidneys: Role of brahmi as an antioxidant supplement	PHARMACOGNOSY MAGAZINE	15	62	12	16	1.26	https://doi.org/10.4103/pm.pm_481_18
896	A Ragavee., Asha Devi S	Nanoencapsulation of Tinospora cordifolia (Willd.) using poly (D, L-lactide) nanoparticles: Yield optimization by response surface methodology and in silico modeling with insulin receptor tyrosine kinase	Pharmacognosy Magazine	15	64	218	227	1.26	http://www.phcog.com/article.asp?issn=0973-1296;year=2019;volume=15;issue=64;spage=218;epage=227;aulast=Ragavee

897	Shiva Shankar Reddy Gollapalli., Vishnu Priya Veeraraghavan., Aruthra Arumugam Pillai., Joel Palpath Joseph., Padma Kanchi Ravi., Mohammed Salahuddin., Surapaneni Krishna Mohan., Murad Alsawalha., Abeer Mohammed Al-subaei., Reem Yousuf Al-jindan., Srinivasa Rao Bolla., Dwaipayan Sen., Janardhana Papayya Balakrishna	Anti-diabetic activities of Dactylorhiza hatagirea leaf extract in 3T3-L1 cell line model	Pharmacognosy Magazine	15	64	212	217	1.26	http://www.phcog.com/article.asp?issn=0973-1296;year=2019;volume=15;issue=64;spage=212;epage=217;aulast=Alsawalha
898	Sasikumar Shebi., Devaraj Ezhilarasan., John Thomas., Natarajan Chandrasekaran., Amitava Mukherjee	Gracilaria foliifera (Forssk.) Børgesen ethanolic extract triggers apoptosis via activation of p53 expression in HepG2 cells	PHARMACOGNOSY MAGAZINE	15	61	259	263	1.26	http://www.phcog.com/article.asp?issn=0973-1296;year=2019;volume=15;issue=61;spage=259;epage=263;aulast=Shebi
899	Simon J.P., Parthasarathy M., Nithyanandham S., Katturaja R., Namachivayam A., Prince S.E.	Protective effect of the ethanolic and methanolic leaf extracts of Madhuca longifolia against diclofenac-induced toxicity in female Wistar albino rats	Pharmacological Reports	71	6	983	993	2.76	https://doi.org/10.1016/j.pharep.2019.05.013

900	Peter K Joseph., Elangovan D., Arunkumar G	Linear control of wireless charging for electric bicycles	Applied Energy	255				8.43	https://www.sciencedirect.com/science/article/pii/S0306261919315855
901	Maya Gopal P.S., Bhargavi R.	Optimum feature subset for optimizing crop yield prediction using filter and wrapper approaches	Applied Engineering in Agriculture	35	1	9	14	0.74	https://doi.org/10.13031/aea.12938
902	Roniboss A., Shrinivas Dangate M., Rao R.N., Mm B., Chanda K.	Environment dependent photophysical and fluorescence turn-off sensing properties of Fe(iii) by substituted phenyl isochromenopyrrol-5-ones	Photochemical & photobiological sciences : Official journal of the European Photochemistry Association and the European Society for Photobiology	18	12	2977	2988	2.41	https://doi.org/10.1039/c9pp00303g
903	Kumar T K M P, Kumar S K A.	Visible-light-induced degradation of rhodamine B by nanosized Ag(2)S-ZnS loaded on cellulose.	Photochemical and Photobiological Sciences	18	1	148	154	2.41	https://www.ncbi.nlm.nih.gov/pubmed/?term=Visible-light-induced+degradation+of+rhodamine+B+by+nanosized+Ag(2)S-ZnS+loaded+on+cellulose.
904	Prabu Krishnan., Gaurav Kumar Jha., Anubhav Walia	Performance enhancement of BPSK-SIM-and DPSK-SIM-based FSO downlink over atmospheric turbulence using aperture averaging and receiver diversity	Photonic Network Communications	-	-	1	9	1.33	https://link.springer.com/article/10.1007/s11107-019-00836-0
905	Shobana M.K., Kim K., Kim J.-H.	Impact of magnesium substitution in nickel ferrite: Optical and electrochemical studies	Physica E: Low-Dimensional Systems and Nanostructures	108	-	100	104	3.18	https://doi.org/10.1016/j.physe.2018.12.013

906	Rana S., Samuel E.J.J.	Feasibility study of utilizing XRV-124 scintillation detector for quality assurance of spot profile in pencil beam scanning proton therapy	Physica Medica	66	-	15	20	2.53	https://doi.org/10.1016/j.ejmp.2019.09.078
907	Arindam Das., Dipankar Panda	SnO-2 Tailored by CuO for Improved CH4 Sensing at Low Temperature	physica status solidi (b)	-	-	-	-	1.45	https://onlinelibrary.wiley.com/doi/abs/10.1002/pssb.201800296
908	Vishnu VardhanGudla., Vinoth BabuKumaravelu	Dynamic spatial modulation for next generation networks	Physical Communication	34	-	90	104	1.45	https://www.sciencedirect.com/science/article/pii/S1874490718303069
909	Kumar M.P., Rajagopal M.K.	Detecting facial emotions using normalized minimal feature vectors and semi-supervised twin support vector machines classifier	Applied Intelligence	-	-	-	-	2.88	https://doi.org/10.1007/s10489-019-01500-w
910	P Pandit., A Sarma., J Ghosh., Vara Prasad Kella., N Ramaiya., R Manchanda., Santosh Pandya., M B Chowdhuri., P I John	Zero bias emission current in laser heated emissive probe and proper choice of probe-tip material	Physics of Plasmas	26	5	1	8	1.91	https://aip.scitation.org/doi/pdf/10.1063/1.5086243?class=pdf
911	Alam P., Kundu S., Badruddin I.A., Khan T.M.Y.	Dispersion and Attenuation Characteristics of Love-Type Waves in a Fiber-Reinforced Composite over a Viscoelastic Substrate	Physics of Wave Phenomena	27	4	281	289	0.64	https://doi.org/10.3103/S1541308X19040083

912	Shailaja V.L., Christina V.S., Mohanapriya C.D., Sneha P., Lakshmi Sundaram R., Magesh R., George Priya Doss C., Gnanambal K.M.E.	A natural anticancer pigment,Pheophytin a,from a seagrass acts as a high affinity human mitochondrial translocator protein (TSPO) ligand, in silico, to reduce mitochondrial membrane Potential (âˆ†Ïˆ mit) in adenocarcinomic A549 cells	Phytomedicine	61	-	-	-	4.18	https://doi.org/10.1016/j.phymed.2019.152858
913	Sundaram M.S., Neog M.K., Rasool M., Kumar G.S., Hemshekhar M., Kemparaju K., Girish K.S.	Guggulipid ameliorates adjuvant-induced arthritis and liver oxidative damage by suppressing inflammatory and oxidative stress mediators	Phytomedicine	64	-	-	-	4.18	https://doi.org/10.1016/j.phymed.2019.152924
914	Prakash M., Rakkiyappan R., Manivannan A., Cao J.	Dynamical analysis of antigen-driven T-cell infection model with multiple delays	Applied Mathematics and Computation	354	-	266	281	3.09	https://doi.org/10.1016/j.amc.2019.02.050
915	Srivastav A.K., Ghosh M.	Assessing the impact of treatment on the dynamics of dengue fever: A case study of India	Applied Mathematics and Computation	362	-	-	-	3.09	https://doi.org/10.1016/j.amc.2019.06.047
916	Nashine, Hemant Kumar; Bose, Snehasish	Solution of a class of cross-coupled nonlinear matrix equations	APPLIED MATHEMATICS AND COMPUTATION	362	-	-	-	3.09	https://doi.org/10.1016/j.amc.2019.06.048
917	Simkin A.J., Faralli M., Ramamoorthy S., Lawson T.	Photosynthesis in non-foliar tissues: implications for yield	Plant Journal	-	-	-	-	5.73	https://doi.org/10.1111/tpj.14633
918	Dey S., Kundu R., Gopal G., Mukherjee A., Nag A., Paul S.	Enhancement of nitrogen assimilation and photosynthetic efficiency by novel iron pulsing technique in Oryza sativa L. var Pankaj	Plant Physiology and Biochemistry	144	-	207	221	3.4	https://doi.org/10.1016/j.plaphy.2019.09.037

919	John Lilly J., Subramanian B.	Gene network mediated by WRKY13 to regulate resistance against sheath infecting fungi in rice (Oryza sativa L.)	Plant Science	280	-	269	282	3.79	https://doi.org/10.1016/j.plantsci.2018.12.017
920	Megalingam M., Sarma B.	Occurrence of ionization instability associated with plasma bubble in glow discharge magnetized plasma	Plasma Science and Technology	21	11	-	-	1.19	https://doi.org/10.1088/2058-6272/ab2ef2
921	Senthil R., Soni A., Bir K., Senthil R., Krishnan P.	Circular-Pattern Photonic Crystal Fiber for Different Liquids with High Effective Area and Sensitivity	Plasmonics	-	-	-	-	2.93	https://doi.org/10.1007/s11468-019-00977-y
922	K Prabu., Dhanashree Nasre	Design and Analysis of a Novel Optical Circulator Based on Photonic Crystal for Photonic Integrated Circuit Applications	Plasmonics	-	-	-	-	2.93	https://link.springer.com/article/10.1007/s11468-019-00915-y
923	Krishnamurithy G., Mohan S., Yahya N.A., Mansor A., Murali M.R., Balaji Raghavendran H.R., Choudhary R., Sasikumar S., Kamarul T.	The physicochemical and biomechanical profile of forsterite and its osteogenic potential of mesenchymal stromal cells	PLoS ONE	14	3	-	-	2.78	https://doi.org/10.1371/journal.pone.0214212
924	Reddy R.B., Khora S.S., Suresh A.	Molecular prognosticators in clinically and pathologically distinct cohorts of head and neck squamous cell carcinomaâ€"A meta-analysis approach	PLoS ONE	14	7	-	-	2.78	https://doi.org/10.1371/journal.pone.0218989

925	Shanthi Sabarimurugan., Chellan Kumarasamy., Siddhartha Baxi., Arikketh Devi., Rama Jayaraj	Systematic review and meta-analysis of prognostic microRNA biomarkers for survival outcome in nasopharyngeal carcinoma	PLoS ONE	14	2	1	18	2.78	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0209760
926	Bhuvaneswari R., Vinitha G., Sakthi Murugesan K.	Crystal growth, optical, physico-chemical and third-order nonlinear optical studies of morpholinium oxalate: a new organic single crystal for optical limiting application	Applied Physics A: Materials Science and Processing	125	6	-	-	1.78	https://doi.org/10.1007/s00339-019-2678-6
927	Prathap S., Madhuri W.	Evidence of magnetism in electrospun PbFe 12 O 19 nanofibers	Applied Physics A: Materials Science and Processing	125	5	-	-	1.78	https://doi.org/10.1007/s00339-019-2613-x
928	Manohar A., Krishnamoorthi C., Naidu K.C.B., Pavithra C.	Dielectric, magnetic hyperthermia, and photocatalytic properties of ZnFe2O4 nanoparticles synthesized by solvothermal reflux method	Applied Physics A: Materials Science and Processing	125	7	-	-	1.78	https://doi.org/10.1007/s00339-019-2760-0
929	M Shoba., S Kaleemulla., C Krishnamoorthi., G. Venugopal Rao	Effect of Er3+ substitution on structural and magnetic properties of narrow size distributed ZnFe2âˆ’xErxO4 nanoparticles	Applied Physics A: Materials Science and Processing	-	-	-	-	1.78	https://link.springer.com/article/10.1007/s00339-019-2454-7
930	S Dinakaran., S R Meher., G Cynthia Jemima Swarnavalli	One-dimensional modeling for an investigation into parameter optimization, crossover and red-kink behavior of ZnMgO buffer layer Cd-free Cu(In,Ga)Se2 solar cell	Applied Physics A	-	-	-	-	1.78	https://link.springer.com/article/10.1007/s00339-019-2676-8

931	Nawaz Khan F., Pandurangan Thiyagamurthy	Rapid One-Pot Sequential Cyclization, Palladium Precatalyst Mediated Coupling Reactions of 6-Bromo-2-Chloroquinoline-3-Carboxaldehyde in Aqueous Medium	Polycyclic Aromatic Compounds			1	16	1.24	https://www.tandfonline.com/doi/abs/10.1080/10406638.2019.1699837
932	Nisha B., Vidyalakshmi Y., Geetha D., Ruhena Parveen J., Vinitha G.	Green synthesis, characterization of silver nanoparticles and their study on antibacterial activity and optical limiting behavior	Applied Physics B: Lasers and Optics	125	7	-	-	1.77	https://doi.org/10.1007/s00340-019-7226-8
933	K Arunkumar., S Kalainathan	Growth and characterisation of organic nonlinear optical single-crystal 4-nitrophenol grown by vertical Bridgman technique	Applied Physics B: Lasers and Optics	125	4	-	-	1.77	https://link.springer.com/article/10.1007/s00340-019-7168-1
934	Alkassar Y., Agarwal V.K., Behera N., Jones M.G., Pandey R.K.	Transient characteristics of fine powder flows within fluidized dense phase pneumatic conveying systems	Powder Technology	343	-	629	643	3.41	https://doi.org/10.1016/j.powtec.2018.11.081
935	G Gugapriya., K Rajagopal., A Karthikeyan., B Lakshmi	A family of conservative chaotic systems with cyclic symmetry	Pramana - Journal of Physics	92	48	-	-	1.19	https://link.springer.com/article/10.1007/s12043-019-1719-1
936	Wang X., Sangaiah A.K., Sheng M., Ahmed S.H.	Introduction to the Special Section on Applying Machine Learning Systems for IoT Services in Industrial Informatics	Applied Soft Computing Journal	80	-	920	922	4.87	https://doi.org/10.1016/j.asoc.2019.05.002
937	Karthik R., Hariharan M., Anand S., Mathikshara P., Johnson A., Menaka R.	Attention embedded residual CNN for disease detection in tomato leaves	Applied Soft Computing Journal	-	-	-	-	4.87	https://doi.org/10.1016/j.asoc.2019.105933

938	Karthik R., Gupta U., Jha A., Rajalakshmi R., Menaka R.	A deep supervised approach for ischemic lesion segmentation from multimodal MRI using Fully Convolutional Network	Applied Soft Computing Journal	84	-	-	-	4.87	https://doi.org/10.1016/j.asoc.2019.105685
939	Selvaraj A., Patan R., Gandomi A.H., Deverajan G.G., Pushparaj M.	Optimal virtual machine selection for anomaly detection using a swarm intelligence approach	Applied Soft Computing Journal	84	-	-	-	4.87	https://doi.org/10.1016/j.asoc.2019.105686
940	Khanduzi R., Sangaiah A.K.	A fast genetic algorithm for a critical protection problem in biomedical supply chain networks	Applied Soft Computing Journal	75	-	162	179	4.87	https://doi.org/10.1016/j.asoc.2018.11.010
941	Priya V., Sathiya Kumar C., Kannan R.	Resource scheduling algorithm with load balancing for cloud service provisioning	Applied Soft Computing Journal	76	-	416	424	4.87	https://doi.org/10.1016/j.asoc.2018.12.021
942	Pandey K., Saha P., Rao K.V.B.	A study on the utility of immobilized cells of indigenous bacteria for biodegradation of reactive azo dyes	Preparative Biochemistry and Biotechnology	-	-	-	-	1.12	https://doi.org/10.1080/10826068.2019.1692219
943	Murphy M., Theyagarajan K., Ganesan P., Senthilkumar S., Thenmozhi K.	Electrochemical biosensor for the detection of hydrogen peroxide using cytochrome c covalently immobilized on carboxyl functionalized ionic liquid/multiwalled carbon nanotube hybrid	Applied Surface Science	492	-	718	725	5.16	https://doi.org/10.1016/j.apsusc.2019.06.283
944	Karthik D., Yazar K.U., Bisht A., Swaroop S., Srivastava C., Suwas S.	Gradient plastic strain accommodation and nanotwinning in multi-pass laser shock peened 321 steel	Applied Surface Science	487	-	426	432	5.16	https://doi.org/10.1016/j.apsusc.2019.05.130

945	Sujatha R.A., Flower N.A.L., Vinitha G., Sharath R.A., Rahulan K.M.	Structural and non-linear optical response of Er3+ doped SrMoO4 nanostructures	Applied Surface Science	490	-	260	265	5.16	https://doi.org/10.1016/j.apsusc.2019.06.086
946	Elancheziyan M., Senthilkumar S.	Covalent immobilization and enhanced electrical wiring of hemoglobin using gold nanoparticles encapsulated PAMAM dendrimer for electrochemical sensing of hydrogen peroxide	Applied Surface Science	495	-	-	-	5.16	https://doi.org/10.1016/j.apsusc.2019.143540
947	Puhan A., Bhushan B., Satpathy S., Meena S.S., Nayak A.K., Rout D.	Facile single phase synthesis of Sr, Co co-doped BiFeO3 nanoparticles for boosting photocatalytic and magnetic properties	Applied Surface Science	493	-	593	604	5.16	https://doi.org/10.1016/j.apsusc.2019.07.002
948	Ashapurna Das., Sohini Syamal De., Akhila Maheswari M., S Naveen Kumar., Prabhakaran D	Mesoporous Monolith Designs of Mixed Phased Titania Codoped Sm3+/Er3+ Composites: A Super Responsive Visible Light Photocatalysts for Organic Pollutant Clean-up	Applied Surface Science					5.16	https://www.sciencedirect.com/science/article/pii/S0169433219331666
949	Palani E., Govindhasamy C., Subramani M., Kolli M.K.	Pore size engineering of hexagonal mesoporous carbon nitride (HMCN) for high catalytic performance in the synthesis of Î± Î²-unsaturated acid and its derivatives	Applied Surface Science	463	-	481	491	5.16	https://doi.org/10.1016/j.apsusc.2018.07.191
950	Mohan M., Sharma V.K.	Studies on thermodynamic performance of three stage sorption heat transformer	Applied Thermal Engineering	-	-	228	237	4.03	https://doi.org/10.1016/j.applthermaleng.2019.03.080
951	Karthickeyan V., Ashok B., Nanthagopal K., Thiyagarajan S., Geo V.E.	Investigation of novel Pistacia khinjuk biodiesel in DI diesel engine with post combustion capture system	Applied Thermal Engineering	159	-	-	-	4.03	https://doi.org/10.1016/j.applthermaleng.2019.113969

952	Mohan M., Sharma V.K.	Performance investigation of novel multi stage multi effect sorption thermodynamic system for heating and cooling applications	Applied Thermal Engineering	161	-	-	-	4.03	https://doi.org/10.1016/j.applthermaleng.2019.114097
953	Basak S., Prasad K.S., Mehto A., Bagchi J., Ganesh Y.S., Mohanty S., Sidpara A.M., Panda S.K.	Parameter optimization and texture evolution in single point incremental sheet forming process	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	-	-	-	-	1.75	https://doi.org/10.1177/0954405419846001
954	G Ranjith Kumar., G Rajyalakshmi., S Swaroop	A critical appraisal of laser peening and its impact on hydrogen embrittlement of titanium alloys	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	-	-	-	-	1.75	https://journals.sagepub.com/doi/abs/10.1177/0954405419838956
955	Ramalingam M., Jebaseelan D.D.	The effect of vibration characteristics of an automotive seating system on ride comfort â€“ A finite element study	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	233	18	6588	6601	1.36	https://doi.org/10.1177/0954406219858172
956	Sreedharan J., Jeevanantham A.K., Rajeshkannan A.	Multi-objective optimization for multi-stage sequential plastic injection molding with plating process using RSM and PCA-based weighted-GRA	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	-	-	-	-	1.36	https://doi.org/10.1177/0954406219887993

957	Feroskhan M., Ismail S., Gosavi S., Tankhiwale P., Khan Y.	Optimization of performance and emissions in a biogasââ€š¬â,¬Å“diesel dual fuel engine with cerium oxide nanoparticle addition	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering	-	-	-	-	1.28	https://doi.org/10.1177/0954407018764165
958	B. Bindhu., K. Veluraja	Medicinal Implication of Syzygium Cumini Nut on the Growth of Brushite Crystals	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	-	-	1	6	0.68	https://link.springer.com/article/10.1007/s40010-018-0490-x
959	Yepuganti K., Reddy G.R.	A Novel Strong Decorrelation Approach for Image Subband Coding Using Polynomial EVD Algorithms	Proceedings of the National Academy of Sciences India Section A - Physical Sciences	-	-	-	-	0.68	https://doi.org/10.1007/s40010-019-00646-z
960	M. Eswar Reddy., Gudheti Ramachandra Reddy	Exposure and Median Based One-to-One Gray Level Mapping Transformation for Entropy Preservation and Contrast Enhancement	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	-	-	1	16	0.68	https://link.springer.com/article/10.1007/s40010-018-0497-3
961	M. Eswar Reddy., Gudheti Ramachandra Reddy	Dynamic clipped histogram equalization technique for enhancing low contrast images	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	-	-	1	26	0.68	https://link.springer.com/article/10.1007/s40010-018-0530-6
962	Rambabu K., Bharath G., Monash P., Velu S., Banat F., Naushad M., Arthanareeswaran G., Loke Show P.	Effective treatment of dye polluted wastewater using nanoporous CaCl 2 modified polyethersulfone membrane	Process Safety and Environmental Protection	-	-	266	278	4.38	https://doi.org/10.1016/j.psep.2019.02.015

963	J Vijayashree., H Parveen Sultana	A Machine Learning Framework for Feature Selection in Heart Disease Classification Using Improved Particle Swarm Optimization with Support Vector Machine Classifier	Programming and Computer Software	44	6	388	397	0.75	https://link.springer.com/article/10.1134/S0361768818060129
964	E. D., Joshi G.M., S. K., Deshmukh R.R., S.M. S.K.	Physico-chemical and surface properties of air plasma treated PVDF/PMMA/Attapulgite/hexagonal-Boron Nitride blends	Progress in Organic Coatings	131	-	17	26	3.42	https://doi.org/10.1016/j.porgcoat.2019.02.008
965	Kl Hari Krishna., S R Koteswara Rao., Sreekanth Dondapati., N Ramesh Babu	Influence of Plasma Electrolytic Oxidation on Corrosion Characteristics of Friction Stir Welded ZM21 Magnesium Alloy	Protection of Metals and Physical Chemistry of Surfaces	55	4	735	742	0.79	https://link.springer.com/article/10.1134/S2070205119040099
966	A Kumar., TB Sridharn., KA Rao	Role of seminal plasma proteins in effective zygote formation-A success road to pregnancy	Protein and Peptide Letters	26	-	-	-	1.17	https://europepmc.org/abstract/med/30734670
967	Srinivasan E., Rajasekaran R.	Computational Investigation on Electrostatic Loop Mutants Instigating Destabilization and Aggregation on Human SOD1 Protein Causing Amyotrophic Lateral Sclerosis	Protein Journal	38	1	37	49	1.03	https://doi.org/10.1007/s10930-018-09809-0
968	Thiagarajan V., Iswarya V., P. A.J., Seenivasan R., Chandrasekaran N., Mukherjee A.	Influence of differently functionalized polystyrene microplastics on the toxic effects of P25 TiO2 NPs towards marine algae Chlorella sp.	Aquatic Toxicology	-	-	208	216	3.79	https://doi.org/10.1016/j.aquatox.2018.12.014

969	Md. Basir M.F., Kumar R., Md. Ismail A.I., Sarojamma G., Narayana P.V.S., Raza J., Mahmood A.	Exploration of Thermal-Diffusion and Diffusion-Thermal Effects on the Motion of Temperature-Dependent Viscous Fluid Conveying Microorganism	Arabian Journal for Science and Engineering	44	9	8023	8033	1.52	https://doi.org/10.1007/s13369-019-04012-4
970	Nagarajan R., Thirunavukarasu R.	A Service Context-Aware QoS Prediction and Recommendation of Cloud Infrastructure Services	Arabian Journal for Science and Engineering	-	-	-	-	1.52	https://doi.org/10.1007/s13369-019-04218-6
971	Subbarayudu K., Suneetha S., Bala Anki Reddy P., Rashad A.M.	Framing the Activation Energy and Binary Chemical Reaction on CNTâ€™s with Cattaneoâ€“Christov Heat Diffusion on Maxwell Nanofluid in the Presence of Nonlinear Thermal Radiation	Arabian Journal for Science and Engineering	44	12	10313	10325	1.52	https://doi.org/10.1007/s13369-019-04173-2
972	Yuvaraj S., Manju S.L.	Design and synthesis of novel pyrazol-3ylthiazoles	Arabian Journal of Chemistry	-	-	-	-	3.3	https://doi.org/10.1016/j.arabjc.2014.10.005
973	Anand M., Alagar M., Ranjitha J., Selvaraj V.	Total synthesis and anticancer activity of a cyclic heptapeptide from marine sponge using water soluble peptide coupling agent EDC	Arabian Journal of Chemistry	12	8	2782	2787	3.3	https://doi.org/10.1016/j.arabjc.2014.05.037
974	Vignesh Kumar., Kiran Yarrakula	Enhancement of limestone mineral identification using Hyperion imagery: a case study from Tirunelveli District, Tamil Nadu, South India	Arabian Journal of Geosciences	-	-	-	-	1.14	https://link.springer.com/article/10.1007/s12517-018-4149-3
975	Gurumath, Shashanka R.; Hiremath, K. M.; Ramasubramanian, V	Angular Momentum of Stars and their Planets	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC	131	995	-	-	3.47	https://doi.org/10.1088/1538-3873/aae6b1

976	V Vijayakrishnan., S Balakrishnan	Role of two-qubit entangling operators in the modified Eisertâ€“Wilkensâ€“Lewenstein approach of quantization	Quantum Information Processing	18	4	112	112	2.22	https://link.springer.com/article/10.1007/s11128-019-2232-7
977	Kumar N., Kommuri U.K.	MIMO antenna H-plane isolation enhancement using UC-EBG structure and metal line strip for WLAN applications	Radioengineering	27	2	399	406	0.97	https://doi.org/10.13164/RE.2019.0399
978	Velayudham Ramasubramanian., Karunakaran Balaji., Sitaraman Balaji Subramanian., Krishnamoorthi Sathiya., Moorthi Thirunavukarasu., Chandrasekaran Anu Radha	Hybrid volumetric modulated arc therapy for whole breast irradiation: a dosimetric comparison of different arc designs	La radiologia medica	-	-	1	9	1.42	https://link.springer.com/article/10.1007/s11547-019-00994-1
979	Prithvirajan R., Sugavaneswaran M., Sathishkumar N., Arumaikkannu G.	Metal bellow hydroforming using additive manufactured die: a case study	Rapid Prototyping Journal	-	-	-	-	2.8	https://doi.org/10.1108/RPJ-07-2018-0182
980	Poompavai T., Kowsalya M.	Control and energy management strategies applied for solar photovoltaic and wind energy fed water pumping system: A review	Renewable and Sustainable Energy Reviews	-	-	108	122	10.56	https://doi.org/10.1016/j.rser.2019.02.023
981	Vigneshwar V., Krishnan S.Y., Kishna R.S., Srinath R., Ashok B., Nanthagopal K.	Comprehensive review of Calophyllum inophyllum as a feasible alternate energy for CI engine applications	Renewable and Sustainable Energy Reviews	115	-	-	-	10.56	https://doi.org/10.1016/j.rser.2019.109397

982	Venkateswari R., Sreejith S.	Factors influencing the efficiency of photovoltaic system	Renewable and Sustainable Energy Reviews	-	-	376	394	10.56	https://doi.org/10.1016/j.rser.2018.11.012
983	Kandasamy S.K., Selvaraj A.S., Rajagopal T.K.R.	Experimental investigations of ethanol blended biodiesel fuel on automotive diesel engine performance, emission and durability characteristics	Renewable Energy	141	-	411	419	5.44	https://doi.org/10.1016/j.renene.2019.04.039
984	Renu K., Valsala Gopalakrishnan A.	Deciphering the molecular mechanism during doxorubicin-mediated oxidative stress, apoptosis through Nrf2 and PGC-1Î± in a rat testicular milieu	Reproductive Biology	19	1	22	37	1.88	https://doi.org/10.1016/j.repbio.2019.02.004
985	Subramamiam P., Ramasubbu C., Athiramu S., Arumugam S., Alagumuthu M.	Pharmacological explorations of eco-friendly amide substituted (Z)-Î²-enaminones as anti-breast cancer drugs	Archiv der Pharmazie	352	1	-	-	2.15	https://doi.org/10.1002/ardp.201800244
986	Padmaja R.D., Chanda K.	A robust and recyclable ionic liquid-supported copper(II) catalyst for the synthesis of 5-substituted-1H-tetrazoles using microwave irradiation	Research on Chemical Intermediates	-	-	-	-	2.06	https://doi.org/10.1007/s11164-019-04035-4
987	Unnisa C.B.N., Chitra S., Nirmala Devi G., Kiruthika A., Roopan S.M., Hemapriya V., Chung I.-M., Kim S.-H., Prabakaran M.	Electrochemical and nonelectrochemical analyses of cardo polyesters at the metal/0.5 M H2SO4 interface for corrosion protection	Research on Chemical Intermediates	45	11	5425	5449	2.06	https://doi.org/10.1007/s11164-019-03910-4
988	E. Nandhakumar., P. Priya., R. Rajeswari., V. Aravindhan., A. Sasikumar., N. Senthilkumar	Studies on structural, optical and thermal properties of Fe3O4 (NR)/ZrO2 CSNCs synthesized via green approach for photodegradation of dyes	Research on Chemical Intermediates	-	-	1	15	2.06	https://link.springer.com/article/10.1007/s11164-019-03756-w

989	Rajeswari Rathnasamy., Pitchai Thangasamy., Vanangamudi Aravindhan., Punniyakoti Sathyanarayanan., Viswanathan Alagan	Facile one-pot solvothermal-assisted synthesis of uniform sphere-like Nb2O5 nanostructures for photocatalytic applications	Research on Chemical Intermediates	-	-	1	14	2.06	https://link.springer.com/article/10.1007/s11164-019-03809-0
990	Hatun Özlem Güney., Gangadharan Murugusundaramoorthy., Hari Mohan Srivastava	The Second Hankel Determinant for a Certain Class of Bi-Close-to-Convex Functions	Results in Mathematics	74	3	93	93	0.87	https://link.springer.com/article/10.1007/s00025-019-1020-0
991	M S Aruna Gandhi., Qian Li., Senthilnathan K., Ramesh Babu P	Visible to near infrared highly sensitive microbiosensor based on surface plasmon polariton with external sensing approach	Results in Physics	15		1	9	3.04	https://www.researchgate.net/profile/M_S_Aruna_Gandhi2/publication/335216177_Visible_to_Near_Infrared_Highly_Sensitive_Microbiosensor_Based_on_Surface_Plasmon_Polariton_with_External_Sensing_Approach/links/5d6a1f944585150886013c88/Visible-to-Near-Infrared-Highly-Sensitive-Microbiosensor-Based-on-Surface-Plasmon-Polariton-with-External-Sensing-Approach.pdf
992	Dash C.S., Prabaharan S.R.S.	Nano Resistive Memory (Re-RAM) Devices and their Applications	Reviews on Advanced Materials Science	58	1	248	270	1.83	https://doi.org/10.1515/rams-2019-0014

993	Das N., Madhavan J., Selvi A., Das D.	An overview of cephalosporin antibiotics as emerging contaminants: a serious environmental concern	3 Biotech	9	6	-	-	1.79	https://doi.org/10.1007/s13205-019-1766-9
994	Ramesh N., Mandal A.K.A.	Encapsulation of epigallocatechin-3-gallate into albumin nanoparticles improves pharmacokinetic and bioavailability in rat model	3 Biotech	9	6	-	-	1.79	https://doi.org/10.1007/s13205-019-1772-y
995	Nupur Ojha., Sanjeeb Kumar Mandal., Nilanjana Das	Enhanced degradation of indeno(1,2,3-cd)pyrene using Candida tropicalis NN4 in presence of iron nanoparticles and produced biosurfactant: a statistical approach	3 Biotech	-	-	-	-	1.79	https://link.springer.com/article/10.1007/s13205-019-1623-x
996	Selvaraj Kunjiappan., Panneerselvam Theivendran., Suraj Baskararaj., Bathrinath Sankaranarayanan., Ponnusamy Palanisamy., Govindaraj Saravanan., Sankarganesh Arunachalam., Murugesan Sankaranarayanan., Jawahar Natarajan., Balasubramanian Somasundaram., Ash	Modeling a pH-sensitive Zein-co-acrylic acid hybrid hydrogels loaded 5-fluorouracil and rutin for enhanced anticancer efficacy by oral delivery	3 Biotech	9	5	185	185	1.79	https://link.springer.com/article/10.1007/s13205-019-1720-x

997	Nandita Dasgupta., Shivendu Ranjan., Chidambaram Ramalingam., Mansi Gandhi	Silver nanoparticles engineered by thermal co-reduction approach induces liver damage in Wistar rats: acute and sub-chronic toxicity analysis	3 Biotech	9	4	125	125	1.79	https://link.springer.com/article/10.1007/s13205-019-1651-6
998	Anita Jessie J., Santhi A.S.	Flexural behaviour of steel fibre reinforced concrete at elevated temperatures using abaqus	Revista Romana de Materiale/ Romanian Journal of Materials	49	3	409	415	0.63	
999	Janani, S.; Santhi, A. S.	MULTIPLE LINEAR REGRESSION MODEL TO PREDICT MECHANICAL PROPERTIES AND IMPACT RESISTANCE OF HOOKED-END STEEL FIBRE-REINFORCED BLENDED CONCRETE	Revista Romana de Materiale/ Romanian Journal of Materials	49	2	207	216	0.63	
1000	Srinivasreddy, K.; Balamurugan, S.	EFFECT OF ALCCOFINE 1203 ON SETTING TIMES AND STRENGTH OF TERNARY BLENDED GEOPOLYMER MIXES WITH MSAND CURED AT AMBIENT TEMPERATURE	REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS	49	4	527	534	0.63	
1001	Babu Arumugam A., Rajamohan V., Bandaru N., Sudhagar P.E., Kumbhar S.G.	Vibration analysis of a carbon nanotube reinforced uniform and tapered composite beams	Archives of Acoustics	44	2	309	320	0.9	https://doi.org/10.24425/aoa.2019.128494
1002	Reena Rajkumari B., A Premanand	In silico analysis of gene expression data from bald frontal and haired occipital scalp to identify candidate genes in male androgenetic alopecia	Archives of Dermatological Research			1	10	2.31	https://link.springer.com/article/10.1007/s00403-019-01973-2
1003	Brindha J., Balamurali M.M., Chanda K.	Evolutionary approaches in protein engineering towards biomaterial construction	RSC Advances	9	60	34720	34734	3.05	https://doi.org/10.1039/c9ra06807d

1004	Sethuram L., Thomas J., Mukherjee A., Chandrasekaran N.	Effects and formulation of silver nanoscaffolds on cytotoxicity dependent ion release kinetics towards enhanced excision wound healing patterns in Wistar albino rats	RSC Advances	9	61	35677	35694	3.05	https://doi.org/10.1039/c9ra06913e
1005	Muthukumar V., Munusamy S., Thirumoorthy K., Sawminathan S., Kulathuiyer S.	Fused pyrazole-phenanthridine based dyads: Synthesis, photo-physical and theoretical studies, and live cell pH imaging	RSC Advances	9	66	38687	38696	3.05	https://doi.org/10.1039/c9ra07860f
1006	Mukku N., Maiti B.	On water catalyst-free synthesis of benzo[: D] imidazo[2,1- b] thiazoles and novel N -alkylated 2-aminobenzo [d] oxazoles under microwave irradiation	RSC Advances	10	2	770	778	3.05	https://doi.org/10.1039/c9ra08929b
1007	Ravi Nivetha., Pratap Kollu., Krishna Chandar., Sudhagar Pitchaimuthu., Soon Kwan Jeong., Andrews Nirmala Grace	Role of MIL-53 (Fe)/hydratedâ€“dehydrated MOF catalyst for electrochemical hydrogen evolution reaction (HER) in alkaline medium and photocatalysis	RSC Advances	9	-	3215	3223	3.05	https://pubs.rsc.org/en/content/articlehtml/2019/ra/c8ra08208a
1008	Dipak Rana., Thanigaivelan Arumugham., Noel Jacob Kaleekkal., Sathiyanarayanan K	PFOM fillers embedded PVDF/cellulose dual-layered membranes with hydrophobicâ€“hydrophilic channels for desalination via direct contact membrane distillation process	RSC Advances	9		41462	41474	3.05	https://pubs.rsc.org/en/content/articlehtml/2019/ra/c9ra08945d
1009	Pandeswari P.B., Sabareesh V.	Middle-down approach: a choice to sequence and characterize proteins/proteomes by mass spectrometry	RSC Advances	9	1	313	344	3.05	https://doi.org/10.1039/C8RA07200K

1010	Eakambaram A., Xavior M.A.	Influence of recast layer on the fatigue life of Ti6Al4V processed by electric discharge machining	Archives of Metallurgy and Materials	64	4	1541	1548	0.7	https://doi.org/10.24425/amm.2019.130124
1011	Mohanta S., Sekhar Khora S., Suresh A.	Cancer Stem Cell based molecular predictors of tumor recurrence in Oral squamous cell carcinoma	Archives of Oral Biology	99	-	92	106	1.66	https://doi.org/10.1016/j.archoralbio.2019.01.002
1012	Poongavanam Ganesh Kumar., D Sakthivadivel., M Meikandan., K Balaji., V S Vigneswaran	Thermal performance augmentation of a solar flat plate collector using the shot peening technique	Science and Technology for the Built Environment	-	-	1	12	1.2	https://www.tandfonline.com/doi/abs/10.1080/23744731.2019.1633889
1013	Xia Z., Fang Z., Zou F., Wang J., Sangaiah A.K.	Research on Defensive Strategy of Real-Time Price Attack Based on Multiperson Zero-Determinant	Security and Communication Networks	2019	-	-	-	1.38	https://doi.org/10.1155/2019/6956072
1014	Jian Sun., Guanhua Huang., Arun Kumar Sangaiah., Guangyang Zhu., Xiaojiang Du	Towards Supporting Security and Privacy for Social IoT Applications: A Network Virtualization Perspective	Security and Communication Networks	2019	-	1	15	1.38	https://www.hindawi.com/journals/scn/2019/4074272/abs/
1015	Santhoshkumar Srinivasan., Dhinesh Babu L D	A Parallel Neural Network Approach for Faster Rumor Identification in Online Social Networks	Semantic Web and Information Systems	15	4	69	89	1.83	https://www.igi-global.com/article/a-parallel-neural-network-approach-for-faster-rumor-identification-in-online-social-networks/240236
1016	A Azizur Rahman., Emroj Hossain., Hetal Vaishnav., Arnab Bhattacharya., Arun Kumar Sarma	Laser induced structural phase transitions in Cu3SbS4 thin films	Semiconductor Science and Technology					2.65	https://iopscience.iop.org/article/10.1088/1361-6641/ab3fdf/meta

1017	Wang J., Gao Y., Liu W., Sangaiah A.K., Kim H.-J.	Energy efficient routing algorithm with mobile sink support for wireless sensor networks	Sensors (Switzerland)	19	7	-	-	3.03	https://doi.org/10.3390/s19071494
1018	Hua K.-L., Trang H.T., Srinivasan K., Chen Y.-Y., Chen C.-H., Sharma V., Zomaya A.Y.	Reduction of artefacts in JPEG-XR compressed images	Sensors (Switzerland)	19	5	-	-	3.03	https://doi.org/10.3390/s19051214
1019	Wang J., Gao Y., Wang K., Sangaiah A.K., Lim S.	An affinity propagation-based self-adaptive clustering method for wireless sensor networks	Sensors (Switzerland)	19	11	-	-	3.03	https://doi.org/10.3390/s19112579
1020	Vincent D.R., Deepa N., Elavarasan D., Srinivasan K., Chauhdary S.H., Iwendi C.	Sensors driven ai-based agriculture recommendation model for assessing land suitability	Sensors (Switzerland)	19	17	-	-	3.03	https://doi.org/10.3390/s19173667
1021	Mahendran N., Vincent D.R., Srinivasan K., Chang C.-Y., Garg A., Gao L., Reina D.G.	Sensor-assisted weighted average ensemble model for detecting major depressive disorder	Sensors (Switzerland)	19	22	-	-	3.03	https://doi.org/10.3390/s19224822
1022	Wang W., Deng Z., Wang J., Sangaiah A.K., Cai S., Almakhadmeh Z., Tolba A.	Securing cryptographic chips against scan-based attacks in wireless sensor network applications	Sensors (Switzerland)	19	20	-	-	3.03	https://doi.org/10.3390/s19204598
1023	Jin Wang., Yu Gao., Wei Liu., Arun Kumar Sangaiah., Hye-Jin Kim	An Improved Routing Schema with Special Clustering Using PSO Algorithm for Heterogeneous Wireless Sensor Network	Sensors (Switzerland)	19	-	1	17	3.03	https://www.mdpi.com/1424-8220/19/3/671

1024	Yu Gao., Jin Wang., Wenbing Wu., Arun Kumar Sangaiah., Se-Jung Lim	A Hybrid Method for Mobile Agent Moving Trajectory Scheduling using ACO and PSO in WSNs	Sensors (Switzerland)	9	3	575	-	3.03	https://www.mdpi.com/1424-8220/19/3/575
1025	Deebak B D., Fadi Al-turjman., Leonardo Mostarda	A Hash-Based RFID Authentication Mechanism for Context-Aware Management in IoT-Based Multimedia Systems	Sensors	19	18	3821	3821	3.03	https://www.mdpi.com/1424-8220/19/18/3821
1026	Jin Liu., Yunhui Li., Xiaohu Tian., Arun Kumar Sangaiah., Jin Wang	Towards Semantic Sensor Data: An Ontology Approach	Sensors (Switzerland)	19	5	1	21	3.03	https://www.mdpi.com/1424-8220/19/5/1193
1027	Ashutosh Sharma., Geetanjali Rathee., Rajiv Kumar., Hemraj Saini., Vijayakumar Varadarajan., Yunyoung Nam., Naveen Chilamkurti	A Secure, Energy- and SLA-Efficient (SESE) E-Healthcare Framework for Quickest Data Transmission Using Cyber-Physical System	Sensors	19	9	0	22	3.03	https://www.mdpi.com/1424-8220/19/9/2119
1028	Yu Gao., Jin Wang., Wenbing Wu., Arun Kumar Sangaiah., Se-Jung Lim	Travel Route Planning with Optimal Coverage in Difficult Wireless Sensor Network Environment	Sensors	19	8	1	20	3.03	https://www.mdpi.com/1424-8220/19/8/1838
1029	Satheesh U., Prakash P., Devaprakasam D.	Highly sensitive and reliable octyltrichlorosilane coated silicon sensors for nitrogen gas flow detection	Sensors and Actuators, A: Physical	285	-	190	199	2.74	https://doi.org/10.1016/j.sna.2018.11.011
1030	Velumani M., Meher S.R., Alex Z.C.	Composite metal oxide thin film based impedometric humidity sensors	Sensors and Actuators, B: Chemical	301	-	-	-	6.39	https://doi.org/10.1016/j.snb.2019.127084

1031	Vellore Institute Of Technology., Akhila Maheswari Mohan., Prabhakaran D., C V S Brahmananda Rao., Sivaraman Nagarajan	Tailor-made porous polymer and silica monolithic designs as probe anchoring templates for the solid-state naked eye sensing and preconcentration of hexavalent chromium	Sensors and Actuators, B: Chemical	298	1			6.39	sciencedirect.com/science/article/pii/S0925400519310950
1032	Govindaraj P., Sudhakar M.S.	A new 2D shape retrieval scheme based on phase congruency and histogram of oriented gradients	Signal, Image and Video Processing	-	-	-	-	1.89	https://doi.org/10.1007/s11760-018-1407-5
1033	Muthuramalingam T., Saravanakumar D., Babu L.G., Huu Phan N., Pi V.N.	Experimental Investigation of White Layer Thickness on EDM Processed Silicon Steel Using ANFIS Approach	Silicon	-	-	-	-	1.21	https://doi.org/10.1007/s12633-019-00287-2
1034	Kalaivani S., Ray B.K.	A heuristic method for initial dominant point detection for polygonal approximations	Soft Computing	-	-	-	-	2.78	https://doi.org/10.1007/s00500-019-03936-1
1035	Gopu A., Venkataraman N.	Optimal VM placement in distributed cloud environment using MOEA/D	Soft Computing	23	21	11277	11296	2.78	https://doi.org/10.1007/s00500-018-03686-6
1036	A Surendar., M Arun., A Mahabub Basha	FFcPsA: a fast finite conventional state using prefix pattern gene search algorithm for large sequence identification	Soft Computing	-	-	1	11	2.78	https://link.springer.com/article/10.1007/s00500-018-03733-2
1037	Deepshikha Sarma., Amrit Das., Uttam Kumar Bera	An optimal redistribution plan considering aftermath disruption in disaster management	Soft Computing			1	18	2.78	https://link.springer.com/article/10.1007/s00500-019-04287-7
1038	Arun Kumar Sangaiah., Hoang Pham., Mu-yen Chen., Huimin Lu., Francesco Mercaldo	Cognitive data science methods and models for engineering applications	Soft Computing			1	4	2.78	https://link.springer.com/article/10.1007/s00500-019-04262-2

1039	S Remya., R Sasikala	Classification of rubberized coir fibres using deep learning-based neural fuzzy decision tree approach	Soft Computing	-	-	1	15	2.78	https://link.springer.com/article/10.1007/s00500-019-03961-0
1040	Sri Revathi B., Mahalingam P., Gonzalez-Longatt F.	Interleaved high gain DC-DC converter for integrating solar PV source to DC bus	Solar Energy	188	-	924	934	4.67	https://doi.org/10.1016/j.solener.2019.06.072
1041	Nihanth M.S.S., Ram J.P., Pillai D.S., Ghias A.M.Y.M., Garg A., Rajasekar N.	Enhanced power production in PV arrays using a new skyscraper puzzle based one-time reconfiguration procedure under partial shade conditions (PSCs)	Solar Energy	194	-	209	224	4.67	https://doi.org/10.1016/j.solener.2019.10.020
1042	Al-Shabib N.A., Khan J.M., Malik A., Sen P., Alsenaidy M.A., Husain F.M., Alsenaidy A.M., Khan R.H., Choudhry H., Zamzami M.A., Khan M.I., Shahzad S.A.	A quercetin-based flavanoid (rutin) reverses amyloid fibrillation in Î²-lactoglobulin at pHâ€¯2.0 and 358â€¯K	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	214	-	40	48	2.93	https://doi.org/10.1016/j.saa.2019.02.004

1043	Al-Shabib, Nasser Abdulatif; Khan, Javed Masood; Malik, Ajamaluddin; Sen, Priyankar; Alsenaidy, Mohammad A.; Husain, Fohad Mabood; Alsenaidy, Abdulrahman M.; Khan, Rizwan Hasan; Choudhry, Hani; Zamzami, Mazin A.; Khan, Mohmmad Imran; Shahzad, Syed Ali	A quercetin-based flavanoid (rutin) reverses amyloid fibrillation in beta-lactoglobulin at pH 2.0 and 358 K	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	214	-	40	48	2.93	https://doi.org/10.1016/j.saa.2019.02.004
1044	Sravani C., Lone M.Y., Jha P.C., Sathiyanarayanan K.I., Sivaramakrishna A.	Synthesis and photophysical studies on 2âå,¬â€˜styryl phenanthro[9,10âå,¬â€˜d]oxazole derivatives	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	210	-	171	180	2.93	https://doi.org/10.1016/j.saa.2018.10.055
1045	Pramanik S., Hussain A.	Text normalization using memory augmented neural networks	Speech Communication	109	-	15	23	1.66	https://doi.org/10.1016/j.specom.2019.02.003
1046	Lakshmi pathi Jakkamputi., Vasudevan Rajamohan	Dynamic characterization of a CNT reinforced hybrid uniform and non-uniform composite plates	Steel and Composite Structures	30	1	31	46	3.9	https://www.researchgate.net/profile/Lakshmi_Jakkamputi/publication/330958422_Dynamic_characterization_of_a_CNT_reinforced_hybrid_uniform_and_non-uniform_composite_plates/links/5c5d53e1299bf1d14cb3c06b/Dynamic-characterization-of-a-CNT-reinforced-hybrid-u

1047	Srivastav A.K., Ghosh M., Chandra P.	Modeling dynamics of the spread of crime in a society	Stochastic Analysis and Applications	-	-	-	-	0.88	https://doi.org/10.1080/07362994.2019.1636658
1048	Rajalakshmi M., Ghosh M.	Modeling treatment of cancer using oncolytic virotherapy with saturated incidence	Stochastic Analysis and Applications	-	-	-	-	0.88	https://doi.org/10.1080/07362994.2019.1703743
1049	I R Stella., Mini Ghosh	Modeling plant disease with biological control of insect pests	Stochastic Analysis and Applications	-	-	1	22	0.88	https://www.tandfonline.com/doi/abs/10.1080/07362994.2019.1646139
1050	Balaji K., Balaji Subramanian S., Sathiya K., Thirunavukarasu M., Anu Radha C., Ramasubramanian V.	Hybrid planning techniques for hypofractionated whole-breast irradiation using flattening filter-free beams	Strahlentherapie und Onkologie	-	-	-	-	2.72	https://doi.org/10.1007/s00066-019-01555-1
1051	Kumar M.S., Senthilkumar R., Sourabha L.	Seismic performance of special concentric steel braced frames	Structures	20	-	166	175	1.65	https://doi.org/10.1016/j.istruc.2019.03.012
1052	Tiwari D.L., Sivasankaran K.	Impact of carrier concentration and bandgap on the performance of double gate GNR-FET	Superlattices and Microstructures	130	-	38	49	2.39	https://doi.org/10.1016/j.spmi.2019.04.019
1053	Tiwari D.L., Sivasankaran K.	Nitrogen-doped NDR behavior of double gate graphene field effect transistor	Superlattices and Microstructures	136	-	-	-	2.39	https://doi.org/10.1016/j.spmi.2019.106308
1054	Praveen T.R., Nayaka H.S., Swaroop S.	Influence of equal channel angular pressing and laser shock peening on fatigue behaviour of AM80 alloy	Surface and Coatings Technology	369	-	221	227	3.19	https://doi.org/10.1016/j.surfcoat.2019.03.072
1055	Deepa N., Ganesan K., Srinivasan K., Chang C.-Y.	Realizing sustainable development via modified integrated weighting MCDM model for Ranking Agrarian Dataset	Sustainability (Switzerland)	11	21	-	-	2.59	https://doi.org/10.3390/su11216060

1056	Tao Han., Seyed Mostafa Bozorgi., Ayda Valinezhad Orang., Ali Asghar Rahmani Hosseinabadi., Arun Kumar Sangaiah., Mu-Yen Chen	A Hybrid Unequal Clustering Based on Density with Energy Conservation in Wireless Nodes	Sustainability (Switzerland)	11	3	746	-	2.59	https://www.mdpi.com/2071-1050/11/3/746
1057	Ping Liu., Jin Wang., Arun Kumar Sangaiah., Yang Xie., Xinchun Yin	Analysis and Prediction of Water Quality Using LSTM Deep Neural Networks in IoT Environment	Sustainability	11	7	-	-	2.59	https://www.mdpi.com/2071-1050/11/7/2058
1058	N Deepa., Durai Raj Vincent P M., Senthil Kumar N., Kathiravan Srinivasan., Chuan-yu Chang., Ali Kashif Bashir	An Efficient Ensemble VTOPES Multi-Criteria Decision-Making Model for Sustainable Sugarcane Farms	Sustainability	11	16	4288	4288	2.59	https://www.mdpi.com/2071-1050/11/16/4288/htm
1059	Mohandas P., Dhanaraj J.S.A., Gao X.-Z.	Artificial Neural Network based Smart and Energy Efficient Street Lighting System: A Case Study for Residential area in Hosur	Sustainable Cities and Society	48	-	-	-	4.62	https://doi.org/10.1016/j.scs.2019.101499
1060	Jegadeesan S., Azees M., Kumar P.M., Manogaran G., Chilamkurti N., Varatharajan R., Hsu C.-H.	An efficient anonymous mutual authentication technique for providing secure communication in mobile cloud computing for smart city applications	Sustainable Cities and Society	49	-	-	-	4.62	https://doi.org/10.1016/j.scs.2019.101522
1061	Rajput A., Kumaravelu V.B.	Scalable and sustainable wireless sensor networks for agricultural application of Internet of things using fuzzy c-means algorithm	Sustainable Computing: Informatics and Systems	22	-	62	74	1.8	https://doi.org/10.1016/j.suscom.2019.02.003

1062	Ullah U., Khan A., Altowaijri S.M., Ali I., Rahman A.U., Vijay Kumar V., Ali M., Mahmood H.	Cooperative and delay minimization routing schemes for dense under water wireless sensor networks	Symmetry	11	2	-	-	2.14	https://doi.org/10.3390/sym11020195
1063	Dubey R., Mishra L.N., Ruiz L.M.S.	Nondifferentiable G-Mond-Weir type multiobjective symmetric fractional problem and their duality theorems under generalized assumptions	Symmetry	11	11	-	-	2.14	https://doi.org/10.3390/sym11111348
1064	Pearl Mary Samuel., Thanikaiselvan V	Multilevel and Multiscale Deep Neural Network for Retinal Blood Vessel Segmentation	Symmetry	11	7	1	23	2.14	https://www.mdpi.com/2073-8994/11/7/946
1065	Yaqiong Qiao., Guangwu Hu., Chaoqin Zhang., Jiangtao Ma., Yongzhong Huang., Arun Kumar S., Huaiguang Wu., Hongpo Zhang., Kai Ren	ELPKG: A High-Accuracy Link Prediction Approach for Knowledge Graph Completion	Symmetry	11	9	1096		2.14	https://www.mdpi.com/2073-8994/11/9/1096
1066	Shetgaonkar S.E., Singh F.V.	Ultrasound-assisted one pot synthesis of polysubstituted meta-terphenyls using ring transformation strategy	Synthetic Communications	-	-	-	-	1.44	https://doi.org/10.1080/00397911.2019.1591454

1067	Sura Mallikarjun Reddy., Bijivemula N Reddy., Venkata Krishna Reddy Motakatla., Anusha Gokanapalli., Madhvesh Pathak., Peddiahgari Vasu Govardhana Reddy	Pd-NHC catalyzed Suzukiâ€“Miyaura couplings on 3-bromo-9H-pyrido[2,3-b]indole-6-sulfonamide	Synthetic Communications	-	-	-	-	1.44	https://www.tandfonline.com/doi/abs/10.1080/00397911.2019.1614194
1068	Patinha D.J.S., Nellepalli P., Vijayakrishna K., Silvestre A.J.D., Marrucho I.M.	Poly(ionic liquid) embedded particles as efficient solid phase microextraction phases of polar and aromatic analytes	Talanta	198	-	193	199	4.92	https://doi.org/10.1016/j.talanta.2019.01.106
1069	Santhakumar K., Viswanath V.	Novel methods for efficacy testing of disinfectants â€“ Part II	Tenside, Surfactants, Detergents	56	2	86	93	0.75	https://doi.org/10.3139/113.110606
1070	Patil B.N., Lade J.J., Karpe A.S., Pownthurai B., Vadagaonkar K.S., Mohanasrinivasan V., Chaskar A.C.	Transition metal-catalyzed Câ€“H functionalization of arylacetic acids for the synthesis of benzothiadiazine 1,1-dioxides	Tetrahedron Letters	60	13	891	894	2.26	https://doi.org/10.1016/j.tetlet.2019.02.031
1071	Novanna M., Kannadasan S., Shanmugam P.	A facile synthesis of (Z)-1, 6-disubstituted-7H-benzo[b][1,5]diazonin-7-one derivatives via arylation-allylation-RCM pathway of anthranilamide and isatoic anhydride	Tetrahedron Letters	60	43	-	-	2.26	https://doi.org/10.1016/j.tetlet.2019.151163

1072	Novanna M., Kannadasan S., Shanmugam P.	Phosphotungstic acid mediated, microwave assisted solvent-free green synthesis of highly functionalized 2ËË†-spiro and 2, 3-dihydro quinazolinone and 2-methylamino benzamide derivatives from aryl and heteroaryl 2-amino amides	Tetrahedron Letters	60	2	201	206	2.26	https://doi.org/10.1016/j.tetlet.2018.12.011
1073	Rama Jayaraj., Chellan Kumarasamy., Shanthi Sabarimurugan., Madurantakam Royam Madhav	Meta-analysis of penile cancer: conceptual interpretations	The Lancet Oncology	20	3	e125	e125	35.39	https://www.thelancet.com/journals/lanonc/article/PIIS1470-2045(19)30023-3/fulltext#%20
1074	Shobana M., Meher S.R.	Effect of cobalt doping on the structural, optical and magnetic properties of sol-gel derived ZnS nanocrystalline thin films and ab initio studies	Thin Solid Films	683	-	97	110	1.89	https://doi.org/10.1016/j.tsf.2019.05.037
1075	Munirathinam B., Jaladurgam N.R., Magesh J., Narayanan R., Mol J.M.C., Neelakantan L.	Improved corrosion protection of titanium implant material by crystallographic texturing of Sr doped calcium phosphate electrodeposits	Thin Solid Films	675	-	115	121	1.89	https://doi.org/10.1016/j.tsf.2019.02.010
1076	Paul Praveen A., Rajamohan V., Arumugam A.B., Rahatekar S.S.	Assessment of dynamic properties of hybrid ribbon reinforced multifunctional composite sandwich plates: Numerical and experimental investigation	Thin-Walled Structures	145	-	-	-	3.49	https://doi.org/10.1016/j.tws.2019.106365

1077	Nag R., Pal M., Paul R.R., Chatterjee J., Kumar Das R.	Segmentation and analysis of surface characteristics of oral tissues obtained by scanning electron microscopy to differentiate normal and oral precancerous condition	Tissue and Cell	59	-	82	87	1.23	https://doi.org/10.1016/j.tice.2019.07.004
1078	Mahesh K., Karpagam S., Pandian K.	How to Design Donorâ€“Acceptor Based Heterocyclic Conjugated Polymers for Applications from Organic Electronics to Sensors	Topics in Current Chemistry	377	3	-	-	6.72	https://doi.org/10.1007/s41061-019-0237-4
1079	Boga Ramesh Babu., Alka Mehta., Pasupuleti Dhanamjayulu	Inhibition of aflatoxin B1 biosynthesis and down regulation of aflR and aflB genes in presence of benzimidazole derivatives without impairing the growth of Aspergillus flavus	Toxicon	170		60	67	2.28	https://www.sciencedirect.com/science/article/pii/S0041010119304684
1080	Purushothaman Y., Humm J., Jebaseelan D., Yoganandan N.	Compression-based injury variables from chestbands in far-side impact THOR sled tests	Traffic Injury Prevention	-	-	-	-	1.47	https://doi.org/10.1080/15389588.2019.1661681
1081	John Humm., Yuvaraj Purushothaman., Narayan Yoganandan., Hans Hauschild., A Frank Pintar	THOR dummy chest deflection response in oblique and lateral far-side sled tests	Traffic Injury Prevention	20	1	32	37	1.47	https://www.tandfonline.com/doi/full/10.1080/15389588.2019.1593389
1082	Subramani P., Manikandan M.	Hot Corrosion Demeanour of Alloy 80A Weldments Fabricated Through Tungsten Inert Gas Welding Technique	Transactions of the Indian Institute of Metals	-	-	-	-	1.18	https://doi.org/10.1007/s12666-019-01600-8
1083	Muthu S.M., Arivarasu M.	Air Oxidation and Hot Corrosion Behavior of Bare and CO2 Laser-Welded Superalloy A-286 at 700 °C	Transactions of the Indian Institute of Metals	-	-	-	-	1.18	https://doi.org/10.1007/s12666-019-01713-0

1084	Dinesh Babu G., Nageswara Rao M.	Effect of Fluidized Bed Processing on Performance of 354 Aluminum Compressor Wheels Produced by Counter-Gravity Casting	Transactions of the Indian Institute of Metals	-	-	-	-	1.18	https://doi.org/10.1007/s12666-019-01709-w
1085	Varin S., Agarwal M., Chugh A., Manikandan M., Prabhakaran S., Kalainathan S., Shukla P., Lawrence J., Arivazhagan N.	Effect of Laser Shock Peening on Commercially Pure Titanium-1 Weldment Fabricated by Gas Tungsten Arc Welding Technique	Transactions of the Indian Institute of Metals	-	-	-	-	1.18	https://doi.org/10.1007/s12666-019-01704-1
1086	P Subramani., Nirmal Padgelwar., Sanket Shetty., Anirudha Pandit., V. Sreenivasulu., N. Arivazhagan., W. U. Duoli., M. Manikandan	Hot Corrosion Studies on Detonation-Gun-Sprayed NiCrAlY and 80Niâ€“20Cr Coatings on Alloy X22CrMoV12-1 at 600° C	Transactions of the Indian Institute of Metals	-	-	1	4	1.18	https://link.springer.com/article/10.1007/s12666-019-01567-6
1087	P. R. Hari., N. Arivazhagan., M. Nageswara Rao., A. H. V. Pavan	Behaviour of Alloy 617 OCC Under Hot Corrosion Conditions Encountered in Boilers in A-USC Power Plants	Transactions of the Indian Institute of Metals	-	-	1	4	1.18	https://link.springer.com/article/10.1007/s12666-018-1543-1
1088	A. Vinoth Jebaraj., M. Sugavaneswaran	Influence of Shot Peening on Residual Stress Distribution and Corrosion Resistance of Additive Manufactured Stainless Steel AISI 316L	Transactions of the Indian Institute of Metals	-	-	1	3	1.18	https://link.springer.com/article/10.1007/s12666-019-01601-7
1089	A Muthuchamy., M Rajadurai., A. Raja Annamalai., Dinesh K. Agrawal	Effect of Nickel Addition on Microstructure and Mechanical Properties of the Spark Plasma Sintered Tiâ€“6Alâ€“4V Alloy	Transactions of the Indian Institute of Metals	-	-	-	-	1.18	https://link.springer.com/article/10.1007/s12666-018-1550-2

1090	N Anbarasan., S Jerome., Gandamalla Suresh., R Oyyaravelu	Effect of Pulse Frequency on Microstructural and Corrosion Properties of Inconel 718 Gas Tungsten Arc Weldments	Transactions of the Indian Institute of Metals	-	-	1	13	1.18	https://link.springer.com/article/10.1007/s12666-019-01626-y
1091	P S Samuel Ratna Kumar., S John Alexis., P Edwin Sudhagar., Mageshwaran Subramani	Vibration Study on Aluminium Alloy 5083 Composite Reinforced with Montmorillonite	Transactions of the Indian Institute of Metals	-	-	1	8	1.18	https://link.springer.com/article/10.1007/s12666-019-01697-x
1092	Shantanu Agrawal., Vinodh Kumar E., Vimala Kumari Jonnalagadda	Current cycle feedback iterative learning control for tracking control of magnetic levitation system	Transactions of the Institute of Measurement and Control					1.96	https://journals.sagepub.com/doi/abs/10.1177/0142331219877052
1093	Hemanth C., Venkatesh T.G.	Performance analysis of the service periods of IEEE 802.11ad MAC	Transactions on Emerging Telecommunications Technologies	-	-	-	-	1.26	https://doi.org/10.1002/ett.3780
1094	Prabhu T.R., Arivarasu M., Chodancar Y., Arivazhagan N., Sumanth G., Mishra R.K.	Tribological Behaviour of Graphite-Reinforced FeNiCrCuMo High-Entropy Alloy Self-Lubricating Composites for Aircraft Braking Energy Applications	Tribology Letters	-	-	-	-	2.24	https://doi.org/10.1007/s11249-019-1193-4
1095	Charles M.J., Nanjappagounder A., Dharmaianretnam B.B.J.	Power electronic controller with time sharing switching strategy for grid connected PV systems	Turkish Journal of Electrical Engineering and Computer Sciences	27	1	243	257	0.63	https://doi.org/10.3906/elk-1804-47
1096	Venishetty S.R., Sundaram K.	Modified recycling folded cascode OTA with enhancement in transconductance and output impedance	Turkish Journal of Electrical Engineering and Computer Sciences	27	6	4472	4485	0.63	https://doi.org/10.3906/ELK-1902-82

1097	Wanpen Chaicumpa., Sandip Chakraborty., Hari Abdul Samad ., Shyma K Latheef., Khan Sharun., Sandip Kumar Khurana., Archana K., Vickram A S., Kuldeep Dhama., Ruchi Tiwari., Prakash Bhatt., Vyshali K	Role of Antisperm Antibodies in Infertility, Pregnancy, and Potential for Contraceptive and Antifertility Vaccine Designs: Research Progress and Pioneering Vision	Vaccines	7	3	1	31	4.76	http://scholar.google.co.in/scholar_url?url=https://www.mdpi.com/2076-393X/7/3/116/pdf&hl=en&sa=X&d=14027284620298092080&scisig=AAGBfm08KxshHBQ5utEqbBBzLJGPDc8zow&nossl=1&oi=scholaralrt&hist=-PnNzIoAAAAJ:13249763588034741472:AAGBfm2q006WYrH-9Niyk1x8Z3HquS_M2w
1098	Balaraju B., Kaleemulla S.	Effect of annealing on structural, optical and magnetic properties of Ce0.95Fe0.05O2 nanoparticles	Vacuum	167	-	10	15	2.52	https://doi.org/10.1016/j.vacuum.2019.05.036
1099	Sukumar M., Kennedy L.J., Vijaya J.J., Al-Najar B., Bououdina M., Mudhana G.	Structural, optical, and magnetic properties of Ca2+ doped La2CuO4 perovskite nanoparticles	Vacuum	167	-	407	415	2.52	https://doi.org/10.1016/j.vacuum.2019.06.036
1100	Kolathayar S., Sitharam T.G., Yang S.	Coastal reservoir strategy to enhance Indiaâ€™s freshwater storage by impounding river flood waters: A detailed overview	Water Science and Technology: Water Supply	19	3	703	717	0.92	https://doi.org/10.2166/ws.2018.140
1101	Singhal A., Sahu S.A., Chaudhary S.	Study of surface wave vibration in rotating human long bones of cylindrical shape under the magnetic field influence	Waves in Random and Complex Media	-	-	-	-	3.22	https://doi.org/10.1080/17455030.2019.1686551

1102	Spoorthy N Babu., Ayesha Noor	Aloe barbadensis Miller peptide/polypeptide fraction alleviates inflammation through inhibition of proinflammatory cytokines and mediators in vitro and in rats with Freundâ€™ s adjuvant-induced hind paw edema	Asian Pacific Journal of Tropical Biomedicine	9	12	524	530	1.59	http://www.apjtb.org/temp/AsianPacJTropBiomed912524-4863005_133030.pdf
1103	A Nageswara Rao., Vijaya Priya P	Salp swarm algorithm and phasor measurement unit based hybrid robust neural network model for online monitoring of voltage stability	Wireless Networks			1	18	2.41	https://link.springer.com/article/10.1007/s11276-019-02161-w
1104	Manoj Kumar R., M S Balamurugan	Study of short term rain forecasting using machine learning based approach	Wireless Networks			1	6	2.41	https://link.springer.com/article/10.1007/s11276-019-02168-3
1105	Mekala M.S., Viswanathan P.	Equilibrium Transmission Bi-level Energy Efficient Node Selection Approach for Internet of Things	Wireless Personal Communications	-	-	-	-	0.93	https://doi.org/10.1007/s11277-019-06488-7
1106	Mekala M.S., Viswanathan P.	(t,n): Sensor Stipulation with THAM Index for Smart Agriculture Decision-Making IoT System	Wireless Personal Communications	-	-	-	-	0.93	https://doi.org/10.1007/s11277-019-06964-0
1107	S. Ramya., I. Srinivasa Rao	An Ultra-Thin, Bandwidth Enhanced Metamaterial Absorber for X-Band Applications	Wireless Personal Communications	-	-	1	11	0.93	https://link.springer.com/article/10.1007/s11277-019-06163-x
1108	M. Selvi., K. Thangaramya., Sannasi Ganapathy., K. Kulothungan., H. Khannah Nehemiah., A. Kannan	An Energy Aware Trust Based Secure Routing Algorithm for Effective Communication in Wireless Sensor Networks	Wireless Personal Communications	-	-	1	16	0.93	https://link.springer.com/article/10.1007/s11277-019-06155-x

1109	Ankush Rai., R. Jagadeesh Kannan	Co-simulation Based Finite State Machine for Telematic and Data Compression Microservices in IoT	Wireless Personal Communications	-	-	-	-	0.93	https://link.springer.com/article/10.1007/s11277-019-06136-0
1110	S Nandakumar., G V S Sai Bharadwaj., Divyanshu Srivastava	Efficient Spectrum Handoff Using Hybrid Priority Queuing Model in Cognitive Radio Networks	Wireless Personal Communications	-	-	1	10	0.93	https://link.springer.com/article/10.1007/s11277-019-06396-w
1111	Adwitiya Arora., Atul Grover., Raksha Chugh., S Sofana Reka	Real Time Multi Object Detection for Blind Using Single Shot Multibox Detector	Wireless Personal Communications	-	-	-	-	0.93	https://link.springer.com/article/10.1007/s11277-019-06294-1
1112	Thangaramya Kalidoss., Logambigai Rajasekaran., Kulothungan Kanagasabai., S Ganapathy., Kannan A	QoS Aware Trust Based Routing Algorithm for Wireless Sensor Networks	Wireless Personal Communications			1	22	0.93	https://link.springer.com/article/10.1007/s11277-019-06788-y
1113	Sangeetha A., Srinivasa Rao Inabathini	Power Budget Analysis of an Ultra-Dense Coherent MB-OFDM WDM Metro-Access Networks	Wireless Personal Communications			1	10	0.93	https://link.springer.com/article/10.1007/s11277-019-06839-4
1114	Hariharan Rajadurai., Usha Devi Gandhi	Fuzzy Based Collaborative Verification System for Sybil Attack Detection in MANET	Wireless Personal Communications			1	15	0.93	https://link.springer.com/article/10.1007/s11277-019-06836-7
1115	Marietta J., Chandra Mohan B	A Review on Routing in Internet of Things	Wireless Personal Communications			1	25	0.93	https://link.springer.com/article/10.1007/s11277-019-06853-6
1116	Logesh Ravi., V Subramaniyaswamy., Malathi Devarajan., K S Ravichandran., S Arunkumar., V Indragandhi., V Vijayakumar	SECRECSY: A Secure Framework for Enhanced Privacy-Preserving Location Recommendations in Cloud Environment	Wireless Personal Communications	-	-	1	39	0.93	https://link.springer.com/article/10.1007/s11277-019-06500-0

1117	S Balaji., Karan Nathani., R Santhakumar	IoT Technology, Applications and Challenges: A Contemporary Survey	Wireless Personal Communications	-	-	1	26	0.93	https://link.springer.com/article/10.1007/s11277-019-06407-w
1118	Thanigaivel S., Chandrasekaran N., Mukherjee A., Thomas J.	Protective efficacy of microencapsulated seaweed extracts for preventing Aeromonas infections in Oreochromis mossambicus	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	218	-	36	45	2.7	https://doi.org/10.1016/j.cbpc.2018.12.011
1119	Herlambang Setiadi., Nadarajah Mithulananthan., Rakibuzzaman Shah., Raghunathan T., Jayabarathi T	Enabling resilient wide-area POD at BESS in Java, Indonesia 500â€…kV power grid	IET Generation Transmission & Distribution	13	16	3734	3744	3.23	https://ieeexplore.ieee.org/abstract/document/8805580/authors#authors
1120	Sovan Sundar Dasgupta., Abhishek Kumar Jha	Mathematical modeling of a fractionally damped nonlinear nanobeam via nonlocal continuum approach	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE					1.36	https://journals.sagepub.com/doi/abs/10.1177/0954406219866467
1121	Viswanathan, B.; Sangeetha, P.	Catalysis by hydrotalcite materials	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	58	7	733	752	0.48	

1122	Sindhu N., Subramaniam A., Jadhav V.V., Chatterjee S., Geller A.M., Knigge C., Leigh N., Puzia T.H., Shara M., Simunovic M.	UVIT Open Cluster Study. I. Detection of a White Dwarf Companion to a Blue Straggler in M67: Evidence of Formation through Mass Transfer	Astrophysical Journal	882	1	-	-	5.58	https://doi.org/10.3847/1538-4357/ab31a8
1123	Jadhav, Vikrant V.; Sindhu, N.; Subramaniam, Annapurni	UVIT Open Cluster Study. II. Detection of Extremely Low Mass White Dwarfs and Post?Mass Transfer Binaries in M67	ASTROPHYSICAL JOURNAL	886	1	-	-	5.58	https://doi.org/10.3847/1538-4357/ab4b43
1124	Reddy G K., Yarrakula K., Lakshmi U V.	Reducing agents enhanced electrokinetic soil remediation (EKSR) for heavy metal contaminated soil	Iranian Journal of Chemistry and Chemical Engineering	38	3	183	199	0.46	
1125	Reddy G.K., Yarrakula K.	Geo-chemical exploration of granite mining waste using xrd, sem/edx and aas analysis	Iranian Journal of Chemistry and Chemical Engineering	38	2	215	228	0.46	
1126	Senthilnathan N., Raja Annamalai A., Venkatachalam G.	Effect of Cobalt Addition on the Morphology and Mechanical Properties of W-Ni-Cu-Co Alloy	Emerging Materials Research	8	4	-	-	0.33	https://doi.org/10.1680/jemmr.18.00103
1127	Venkatachalam Gopalan., Akshay Ingle., Giriraj Mannayee., Vignesh Pragasam., Aamer Arshad Kazi., Rishi Dam	The Effect of Fiber Size on Tensile Characteristics of Natural Fiber Reinforced Composites	Emerging Materials Research	8	3	1	7	0.33	https://www.icevirtuallibrary.com/doi/pdf/10.1680/jemmr.18.00047

1128	Rana S., Samuel E.J.J.	Measurements of in-air spot size of pencil proton beam for various air gaps in conjunction with a range shifter on a ProteusPLUS PBS dedicated machine and comparison to the proton dose calculation algorithms	Australasian Physical and Engineering Sciences in Medicine	-	-	-	-	1	https://doi.org/10.1007/s13246-019-00772-3
1129	Ratheesh R., Vetrivelan P.	Energy efficiency based on relay station deployment and sleep mode activation of eNBs for 4G LTE-A network	Automatika	60	3	322	331	0.4	https://doi.org/10.1080/00051144.2019.1637054
1130	Bhattacharyya A., Gupta A., Kuppusamy L., Mani S., Shukla A., Srivas M., Thattai M.	A formal methods approach to predicting new features of the eukaryotic vesicle traffic system	Acta Informatica	-	-	-	-	1.04	https://doi.org/10.1007/s00236-019-00357-3
1131	Sasikumar K., Ghosh A.R.	Brine shrimp cytotoxicity potential of alpha-mangostin and dulxanthone D from garcinia mangostana	Bangladesh Journal of Pharmacology	14	3	123	124	0.81	https://doi.org/10.3329/bjp.v14i3.41403
1132	Sundar R.D.V., Srikanth L., Manognya P.S., Yuvaraja S., Arunachalam S.	In Vitro antibacterial activity of Dracaena victoria leaf extract	Bangladesh Journal of Pharmacology	14	4	202	203	0.81	https://doi.org/10.3329/bjp.v14i4.43807
1133	Niranjan S.B., Belwalkar S.V., Tambe S., Venkataraman K., Mookhtiar K.A.	Recombinant irisin induces weight loss in high fat DIO mice through increase in energy consumption and thermogenesis	Biochemical and Biophysical Research Communications	519	2	422	429	2.71	https://doi.org/10.1016/j.bbrc.2019.08.112
1134	Panicker S.S., Gayathri P.	A survey of machine learning techniques in physiology based mental stress detection systems	Biocybernetics and Biomedical Engineering	39	2	444	469	2.16	https://doi.org/10.1016/j.bbe.2019.01.004

1135	Harishkumar R., Reddy L.P.K., Karadkar S.H., Murad M.A., Karthik S.S., Manigandan S., Selvaraj C.I., Christopher J.G.	Toxicity and selective biochemical assessment of quercetin, gallic acid, and curcumin in zebrafish	Biological and Pharmaceutical Bulletin	42	12	1969	1976	1.54	https://doi.org/10.1248/bpb.b19-00296
1136	BhaskarDas., SomilThakur., M. SaiChaithanya., PinakpaniBiswas	Batch investigation of constructed wetland microbial fuel cell with reverse osmosis (RO) concentrate and wastewater mix as substrate	Biomass and Bioenergy	122	-	231	237	3.54	https://www.sciencedirect.com/science/article/pii/S0961953419300261
1137	Chakraborty D., Mohan L., Alex S.A., Chandrasekaran N., Mukherjee A.	Bimetallic gold nanorods with enhanced biocorona formation for doxorubicin loading and sustained release	Biomaterials Science	7	1	63	75	5.25	https://doi.org/10.1039/c8bm01127c
1138	Agarwal H., Nakara A., Shanmugam V.K.	Anti-inflammatory mechanism of various metal and metal oxide nanoparticles synthesized using plant extracts: A review	Biomedicine and Pharmacotherapy	109	-	2561	2572	2.75	https://doi.org/10.1016/j.biopha.2018.11.116
1139	Sinha S., Doble M., Manju S.L.	5-Lipoxygenase as a drug target: A review on trends in inhibitors structural design, SAR and mechanism based approach	Bioorganic and Medicinal Chemistry	27	17	3745	3759	2.8	https://doi.org/10.1016/j.bmc.2019.06.040
1140	Muthuraman S., Sinha S., Vasavi C.S., Waidha K.M., Basu B., Munussami P., Balamurali M.M., Doble M., Saravana Kumar R.	Design, synthesis and identification of novel coumaperine derivatives for inhibition of human 5-LOX: Antioxidant, pseudoperoxidase and docking studies	Bioorganic and Medicinal Chemistry	-	-	-	-	2.8	https://doi.org/10.1016/j.bmc.2018.12.043

1141	Sudhapriya N., Manikandan A., Kumar M.R., Perumal P.T.	Cu-mediated synthesis of differentially substituted diazepines as AChE inhibitors; validation through molecular docking and Lipinski's filter to develop novel anti-neurodegenerative drugs	Bioorganic and Medicinal Chemistry Letters	29	11	1308	1312	2.45	https://doi.org/10.1016/j.bmcl.2019.04.002
1142	Shruthi T.G., Eswaran S., Shivarudraiah P., Narayanan S., Subramanian S.	Synthesis, antituberculosis studies and biological evaluation of new quinoline derivatives carrying 1,2,4-oxadiazole moiety	Bioorganic and Medicinal Chemistry Letters	29	1	97	102	2.45	https://doi.org/10.1016/j.bmcl.2018.11.002
1143	Ashok S.R., Shivananda M.K., Manikandan A., Chandrasekaran R.	Discovery and synthesis of 2-amino-1-methyl-1H-imidazol-4(5H)-ones as GPCR ligands; an approach to develop breast cancer drugs via GPCR associated PAR1 and PI3Kinase inhibition mechanism	Bioorganic Chemistry	86	-	641	651	3.93	https://doi.org/10.1016/j.bioorg.2019.02.048
1144	Atmaram Upare A., Gadekar P.K., Sivaramakrishnan H., Naik N., Khedkar V.M., Sarkar D., Choudhari A., Mohana Roopan S.	Design, synthesis and biological evaluation of (E)-5-styryl-1,2,4-oxadiazoles as anti-tubercular agents	Bioorganic Chemistry	86	-	507	512	3.93	https://doi.org/10.1016/j.bioorg.2019.01.054
1145	Thangarasu P., Manikandan A., Thamaraiselvi S.	Discovery, synthesis and molecular corroborations of medicinally important novel pyrazoles; drug efficacy determinations through in silico, in vitro and cytotoxicity validations	Bioorganic Chemistry	86	-	410	419	3.93	https://doi.org/10.1016/j.bioorg.2019.02.003

1146	Mermer A., Faiz O., Demirbas A., Demirbas N., Alagumuthu M., Arumugam S.	Piperazine-azole-fluoroquinolone hybrids: Conventional and microwave irradiated synthesis, biological activity screening and molecular docking studies	Bioorganic Chemistry	85	-	308	318	3.93	https://doi.org/10.1016/j.bioorg.2019.01.009
1147	Bindu B., Vijayalakshmi S., Manikandan A.	Discovery, synthesis and molecular substantiation of N-(benzo[d]thiazol-2-yl)-2-hydroxyquinoline-4-carboxamides as anticancer agents	Bioorganic Chemistry	91	-	-	-	3.93	https://doi.org/10.1016/j.bioorg.2019.103171
1148	Agarwal H., Shanmugam V.	A review on anti-inflammatory activity of green synthesized zinc oxide nanoparticle: Mechanism-based approach	Bioorganic Chemistry	-	-	-	-	3.93	https://doi.org/10.1016/j.bioorg.2019.103423
1149	M Abinaya., M Gayathri	Inhibition of biofilm formation, quorum sensing activity and molecular docking study of isolated 3, 5, 7-Trihydroxyflavone from Alstonia scholaris leaf against P.aeruginosa	Bioorganic Chemistry	87	-	291	301	3.93	https://www.sciencedirect.com/science/article/abs/pii/S0045206818314755#!
1150	Chew K.W., Chia S.R., Krishnamoorthy R., Tao Y., Chu D.-T., Show P.L.	Liquid biphasic flotation for the purification of C-phycocyanin from Spirulina platensis microalga	Bioresource Technology	288	-	-	-	6.67	https://doi.org/10.1016/j.biortech.2019.121519
1151	Leong Y.K., Show P.-L., Lan J.C.-W., Krishnamoorthy R., Chu D.-T., Nagarajan D., Yen H.-W., Chang J.-S.	Application of thermo-separating aqueous two-phase system in extractive bioconversion of polyhydroxyalkanoates by Cupriavidus necator H16	Bioresource Technology	-	-	-	-	6.67	https://doi.org/10.1016/j.biortech.2019.121474

1152	Jayaraman G., Chittoor Jabeena Thaz	Calcium ion induced thermodynamic stability, biâ€Substrate specificity and differential organic solvent tolerance of a predominantly Î²â€Sheet serine protease from Bacillus aquimaris VITP4	Biotechnology and Applied Biochemistry					1.56	https://iubmb.onlinelibrary.wiley.com/doi/abs/10.1002/bab.1811
1153	A Chatterjee., J Abraham	Desorption of heavy metals from metal loaded sorbents and e-wastes: A review	Biotechnology Letters	41	3	319	333	2.15	https://link.springer.com/article/10.1007/s10529-019-02650-0
1154	Surendra T.V., Mohana Roopan S., Khan M.R.	Biogenic approach to synthesize rod shaped Gd 2 O 3 nanoparticles and its optimization using response surface methodology-Boxâ€“Behnken design model	Biotechnology Progress	-	-	-	-	2.41	https://doi.org/10.1002/btpr.2823
1155	Mishika Sood., Madhu Bhatia., Diana Barsasella., Megan F Liu., Chia Chi Chang., Kathiravan Srinivasan., Raja M ., Yu Chuan Jack Li., Shabbir Syed Abdul., Shwetambara Malwade., Aldilas Achmad Nursetyo	Virtual reality among the elderly: a usefulness and acceptance study from Taiwan	BMC Geriatrics	19	1	1	10	2.82	https://bmcgeriatr.biomedcentral.com/articles/10.1186/s12877-019-1218-8
1156	Baul H.S., Manikandan C., Sen D.	Cannabinoid receptor as a potential therapeutic target for Parkinson's Disease	Brain Research Bulletin	146	-	244	252	3.1	https://doi.org/10.1016/j.brainresbull.2019.01.016
1157	Sundaresh Sankrith., Bihag Dave., Balakrishnan S	Significance of Entangling Operators in Quantum Two Penny Flip Game	Brazilian Journal of Physics			1	5	0.83	https://link.springer.com/article/10.1007/s13538-019-00698-x

1158	Yoon-ha Kim., Ahmed Al-rawahi., Ahmed Al-harrasi., Adil Khan., Abdul L Khan., Sowbiya Muneer	Silicon and salinity: cross-talk in crop mediated stress tolerance mechanisms	Frontiers in Plant Science					4.1	https://www.frontiersin.org/articles/10.3389/fpls.2019.01429/abstract
1159	Ghosh S., Santhosh R., Jeniffer S., Raghavan V., Jacob G., Nanaji K., Kollu P., Jeong S.K., Grace A.N.	Natural biomass derived hard carbon and activated carbons as electrochemical supercapacitor electrodes	Scientific Reports	9	1	-	-	4.01	https://doi.org/10.1038/s41598-019-52006-x
1160	Kumar N.R., Khamar P., Shetty R., Sharma A., Shetty N., Pahuja N., Abilash V.G., Jhanji V., Ghosh A., Mohan R.R., Vangala R.K., Ghosh A.	Identification of novel predictive factors for post surgical corneal haze	Scientific Reports	9	1	-	-	4.01	https://doi.org/10.1038/s41598-019-53123-3
1161	Carmine Coluccini., Puliparambil Thilakan Anusha., Hsin-yi Tiffany Chen., Sheng-lun Liao., Ying Kuan Ko., Atsushi Yabushita., Chih Wei Luo., Yoke Mooi Ng., Yit Lung Khung	Tuning of the Electro-Optical Properties of Tetraphenylcyclopentadienone via Substitution of Oxygen with Sterically-Hindered Electron Withdrawing Groups	Scientific Reports	9	1	12762	12762	4.01	https://www.nature.com/articles/s41598-019-49303-w.pdf
1162	Prasanth Manohar., Ramesh N	Improved lyophilization conditions for long-term storage of bacteriophages	Scientific Reports	9	1	1	10	4.01	https://www.nature.com/articles/s41598-019-51742-4.pdf

1163	P K Smitha., K Vishnupriyan., Ananya S Kar., Christopher Bathula., M Anil Kumar., K N Chandrashekara., Sujan K Dhar., Manjula Das	Genome wide search to identify reference genes candidates for gene expression analysis in Gossypium hirsutum	BMC Plant Biology	19	1	1	11	3.67	https://bmcplantbiol.biomedcentral.com/track/pdf/10.1186/s12870-019-1988-3
1164	M Divagar., Saumey Jain., Jitendra Satija., V R Sai	Selfâ€assembled polyamidoamine dendrimer on poly (methyl methacrylate) for plasmonic fiber optic sensors	ChemNanoMat					3.37	https://onlinelibrary.wiley.com/doi/abs/10.1002/cnma.201900420
1165	Amin, Aziza; El Asely, Amel; Abd El-Naby, Asmaa S.; Samir, Fatma; El-Ashram, Ahmed; Sudhakaran, Raja; Dawood, Mahmoud A. O.	Growth performance, performance, intestinal histomorphology and growth-related gene expression in response to dietary Ziziphus mauritiana in Nile tilapia (Oreochromis niloticus)	AQUACULTURE	512	-	-	-	3.02	https://doi.org/10.1016/j.aquaculture.2019.734301
1166	Priyadarshini B., Rama M., Chetan., Vijayalakshmi U.	Bioactive coating as a surface modification technique for biocompatible metallic implants: a review	Journal of Asian Ceramic Societies	7	4	397	406	2.39	https://doi.org/10.1080/21870764.2019.1669861
1167	Subramaniyan S.B., Vijayakumar S., Megarajan S., Kamlekar R.K., Anbazhagan V.	Remarkable Effect of Jacalin in Diminishing the Protein Corona Interference in the Antibacterial Activity of Pectin-Capped Copper Sulfide Nanoparticles	ACS Omega	4	9	14049	14056	2.58	https://doi.org/10.1021/acsomega.9b01886
1168	Prabu M., Manikandan M., Kandasamy P., Kalaivani P.R., Rajendiran N., Raja T.	Synthesis of Biodiesel using the Mg/Al/Zn Hydrotalcite/SBA-15 Nanocomposite Catalyst	ACS Omega	4	2	3500	3507	2.58	https://doi.org/10.1021/acsomega.8b02547

1169	Gopal B., Gupta A.	Integrated Approach for Hazardous Cr(VI) Removal: Reduction, Extraction, and Conversion into a Photoactive Composite, CuO/CuCr2O4	ACS Omega	-	-	-	-	2.58	https://doi.org/10.1021/acsomega.9b01452
1170	Gopal G., Roy N., Chandrasekaran N., Mukherjee A.	Photo-Assisted Removal of Tetracycline Using Bio-Nanocomposite-Immobilized Alginate Beads	ACS Omega	4	17	17487	17493	2.58	https://doi.org/10.1021/acsomega.9b02339
1171	Triki H., Porsezian K., Senthilnathan K., Nithyanandan K.	Chirped self-similar solitary waves for the generalized nonlinear Schrödinger equation with distributed two-power-law nonlinearities	Physical Review E	100	4	-	-	2.35	https://doi.org/10.1103/PhysRevE.100.042208
1172	Thangaraj S.R., McCulloch G.A., Subtharishi S., Chandel R.K., Debnath S., Subramaniam C., Walter G.H., Subbarayalu M.	Genetic diversity and its geographic structure in Sitophilus oryzae (Coleoptera; Curculionidae) across India â€“ implications for managing phosphine resistance	Journal of Stored Products Research	84	-	-	-	1.95	https://doi.org/10.1016/j.jspr.2019.101512
1173	Bagyaveereswaran V., Arulmozhivarman P.	Gain scheduling of a robust setpoint tracking disturbance rejection and aggressiveness controller for a nonlinear process	Processes	7	7	-	-	1.96	https://doi.org/10.3390/pr7070415
1174	Karthikeyan K., Sudhakaran R.	Experimental horizontal transmission of Enterocytozoon hepatopenaei in post-larvae of whiteleg shrimp, Litopenaeus vannamei	Journal of Fish Diseases	42	3	397	404	1.98	https://doi.org/10.1111/jfd.12945
1175	Mannarmannan M., Biswas K.	Biological Activity of ZnO Nanoparticles Synthesized from the Dried Rinds of Garcinia Gummi Gutta	ChemistrySelect	4	43	12739	12742	1.71	https://doi.org/10.1002/slct.201903159

1176	Sarveswari S., Alla Krishna	Oneâ€Pot Synthesis of 2â€Aminoâ€Bâ€[1,2â€dihydroâ€4â€hydroxyâ€2â€oxoquinolinâ€3â€yl)â€4â€arylpyridineâ€3â€carbonitriles Catalysed by NbCl5 and Their In Vitro Antimicrobial Studies	ChemistrySelect	4	34	9987	9992	1.71	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201901866
1177	Bijivemula N Reddy., Radhakrishnam Raju Ruddarraju., Gangarapu Kiran., Madhvesh Pathak., Anreddy Rama Narasimha Reddy	Novel Pyrazolo[3,4â€d]pyrimidineâ€ Containing Amide Derivatives: Synthesis, Molecular Docking, In Vitro and In Vivo Antidiabetic Activity	ChemistrySelect	4	34	10072	10078	1.71	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201900208
1178	Senthilperumal Jagadeesan., Konagaluru Mahesh ., Karpagam S	Insight into Triphenylamine Donor Thiazole Acceptor Conjugated Oligomer to Analyze Emission Behavior towards Aggregation Pathway	ChemistrySelect	4	37	11196	11205	1.71	https://onlinelibrary.wiley.com/doi/abs/10.1002/slct.201902138
1179	Rajakumar K., Sudheer Devulapalli	Synthesized pansharpening using curvelet transform and adaptive neuro-fuzzy inference system	Journal of Applied Remote Sensing	13	3			1.34	https://www.spiedigitallibrary.org/journals/Journal-of-Applied-Remote-Sensing/volume-13/issue-3/034519/Synthesized-pansharpening-using-curvelet-transform-and-adaptive-neuro-fuzzy-inference/10.1117/1.JRS.13.034519.short?SSO=1
1180	Linh N.T.H., Sudhakaran R., Itami T., Taoka Y.	Effect of a peptide complex on the defense mechanism of shrimp, Marsupenaeus japonicus against pathogens and changes in environmental parameters	Journal of the World Aquaculture Society	-	-	-	-	1.38	https://doi.org/10.1111/jwas.12658

1181	Rajasekarababu K.B., Vinayagamurthy G., Selvi Rajan S.	Experimental and computational investigation of outdoor wind flow around a setback building	Building Simulation	-	-	-	-	2.24	https://doi.org/10.1007/s12273-019-0514-8
1182	Thameemul Hajaj P.M., Yarrakula K., Durga Rao K.H.V., Singh A.	A Semi-distributed Flood Forecasting Model for the Nagavali River Using Space Inputs	Journal of the Indian Society of Remote Sensing	47	10	1683	1692	0.86	https://doi.org/10.1007/s12524-019-01019-0
1183	V B Surya Prasath., A Pranav., Rajeshkannan R., Vijayarajan V	BREAK, MAKE and TAKE: an information retrieval approach	Sadhana - Academy Proceedings in Engineering Sciences	44	9			0.76	https://link.springer.com/article/10.1007/s12046-019-1187-9
1184	V Chaithanya Vinay., Mohan Varma D S	Fabrication and Testing of Auxetic Foams for Rehabilitation Applications	Journal of the Indian Institute of Science			1	8	0.74	https://doi.org/10.1007/s41745-019-00122-y
1185	Vanmathi M., Mohamed Ismail M., Kumar S.	Optimization of RF sputtering process parameters on electrical resistivity, deposition rate and sensitivity of Al-doped ZnO thin films grown on si substrate using grey-taguchi technique	Bulletin of Materials Science	42	3	-	-	1.26	https://doi.org/10.1007/s12034-019-1800-x
1186	R Lakshmi., Rajan Choudhary., Deepalekshmi Ponnamma., Kishor Kumar Sadasivuni., Sasikumar Swamiappan	Wollastonite/forsterite composite scaffolds offer better surface for hydroxyapatite formation	Bulletin of Materials Science	42	3	-	-	1.26	https://link.springer.com/article/10.1007/s12034-019-1814-4

1187	Keethadath, Arshad; Kappalli, Sudha; Gayathri, N.; Thomas, Derin M.; Anilkumar, Gopinathan	IMPACT OF GAMMA IRRADIATION ON TISSUES OF THE MUD CRAB, SCYLLA SERRATA (FORSKAL, 1775) (DECAPODA, PORTUNIDAE) - ELECTRON MICROSCOPIC STUDY AND DNA COMET ASSAY	CRUSTACEANA	92	1	33	56	0.79	https://doi.org/10.1163/15685403-00003833
1188	Chaube N.R., Chaurasia S., Tripathy R., Pandey D.K., Misra A., Bhattacharya B.K., Chauhan P., Yarakulla K., Bairagi G.D., Srivastava P.K., Teheliani P., Ray S.S.	Crop phenology and soil moisture applications of SCATSAT-1	Current Science	117	6	1022	1031	0.75	https://doi.org/10.18520/cs/v117/i6/1022-1031
1189	Chourasia A., Gupta S.	Influential parameters for headed bars in RC beam-column joint	Current Science	116	10	1666	1673	0.75	https://doi.org/10.18520/cs/v116/i10/1666-1673
1190	Palakuru M., Yarrakula K.	Study on paddy phenomics ecosystem and yield estimation using space-borne multi sensor remote sensing data	Journal of Agrometeorology	21	2	171	175	0.64	
1191	Ravi M., Sudhakar T., Sudhakaran R., Parameswaran V., Thyagarajan R.	Antibacterial property of neem nanoemulsion against Vibrio anguillarium infection in Asian sea bass (Lates calcarifer)	Indian Journal of Geo-Marine Sciences	48	8	1222	1226	0.3	
1192	Reddy, Kunduru Rohin; Devaraj, Suresh; Biradar, Sandeep; Yarrakula, Kiran; Kumar, K. Srinivas	Spatial Distribution of Land Use/ Land Cover Analysis in Hanamkonda Taluk, Telangana - A Case Study	INDIAN JOURNAL OF GEO-MARINE SCIENCES	48	11	1761	1768	0.3	

1193	Prasad B.S.L., Annamalai R.	A study of molybdenum addition on W-Ni-Fe based heavy alloys sintered with spark plasma sintering	Bulletin of the Polish Academy of Sciences: Technical Sciences	67	2	167	172	1.28	https://doi.org/10.24425/bpas.2019.128609
1194	Gaffar, S. Abdul; Ur-Rehman, Khalil; Reddy, P. Ramesh; Prasad, V. Ramachandra; Khan, B. Md. Hidayathulla	Powell-Eyring fluid flow towards an isothermal sphere in a non-Darcy porous medium	CANADIAN JOURNAL OF PHYSICS	97	10	1039	1048	1.02	https://doi.org/10.1139/cjp-2018-0835
1195	George A.K., Master K., Majumder A., Homme R.P., Laha A., Sandhu H.S., Tyagi S.C., Singh M.	Circular RNAs constitute an inherent gene regulatory axis in the mammalian eye and brain	Canadian Journal of Physiology and Pharmacology	97	6	463	472	2.04	https://doi.org/10.1139/cjpp-2018-0505
1196	Jayaraj R., Kumarasamy C., Sabarimurugan S., Samiappan S.	Approaches to interpret the outcomes of a network meta-analysis on comparative efficacy of different targeted therapies plus fulvestrant for advanced breast cancer following progression on prior endocrine therapy	Cancer Management and Research	11	-	3349	3350	2.24	https://doi.org/10.2147/CMAR.S199442
1197	Bhattacharya, Priyanjali; Chikan, Naveed Anjum; Sharma, Arati; Desai, Dhimant; Annageldiyev, Charyguly; Patel, Pinaki; Patel, Trupti N.	Identification of microsatellite instability in hematologic malignant cell lines	CANCER RESEARCH	79	13	-	-	8.38	https://doi.org/10.1158/1538-7445.SABCS18-1741

1198	Thakur, Shreya; Annageldiyev, Charyguly; Ramisetti, Srinivasa; Patel, Trupti; Lyer, Saumya; Dhanyamraju, Pavan; Amiin, Shantu; Sharma, Arun; Claxton, David; Sharma, Arati	Inhibition of AKT phosphorylation in acute myeloid leukemia by ISC 4	CANCER RESEARCH	79	13	-	-	8.38	https://doi.org/10.1158/1538-7445.AM2019-358
1199	Uma Mahendra Kumar K	Electronic Band Structure and Complex Dielectric Function of zb-AlP: A First Principles Study	Acta Physica Polonica A	136	3	486	489	0.55	http://przyrbwn.icm.edu.pl/APP/PDF/136/app136z3p16.pdf
1200	Royam M.M., Ramesh R., Shanker R., Sabarimurugan S., Kumarasamy C., Ramesh N., Gothandam K.M., Baxi S., Gupta A., Krishnan S., Jayaraj R.	MiRNA predictors of pancreatic cancer chemotherapeutic response: A systematic review and meta-analysis	Cancers	11	7	-	-	6.16	https://doi.org/10.3390/cancers11070900
1201	Anandan D., Madhumathi G., Nambiraj N.A., Jaiswal A.K.	Gum based 3D composite scaffolds for bone tissue engineering applications	Carbohydrate Polymers	214	-	62	70	6.04	https://doi.org/10.1016/j.carbpol.2019.03.020
1202	Mohandoss S., Atchudan R., Immanuel Edison T.N.J., Mandal T.K., Palanisamy S., You S., Napoleon A.A., Shim J.-J., Lee Y.R.	Enhanced solubility of guanosine by inclusion complexes with cyclodextrin derivatives: Preparation, characterization, and evaluation	Carbohydrate Polymers	224	-	-	-	6.04	https://doi.org/10.1016/j.carbpol.2019.115166

1203	A Ashok., L John Kennedy	Magnetically Separable Zinc Ferrite Nanocatalyst for an Effective Biodiesel Production from Waste Cooking Oil	Catalysis Letters	-	-	1	18	2.37	https://link.springer.com/article/10.1007/s10562-019-02906-4
1204	Singh F.V., Wirth T.	Selenium reagents as catalysts	Catalysis Science and Technology	9	5	1073	1091	5.73	https://doi.org/10.1039/c8cy02274g
1205	Malathi K., Ramaiah S., Anbarasu A.	Comparative Molecular Field Analysis and Molecular Docking Studies on Quinolinone Derivatives Indicate Potential Hepatitis C Virus Inhibitors	Cell Biochemistry and Biophysics	-	-	-	-	2.32	https://doi.org/10.1007/s12013-019-00867-4
1206	Rohini K., Ramanathan K., Shanthi V	Multi-Dimensional Screening Strategy for Drug Repurposing with Statistical Frameworkâ€"A New Road to Influenza Drug discovery	Cell Biochemistry and Biophysics			1	15	2.32	https://link.springer.com/article/10.1007/s12013-019-00887-0
1207	Chellan Kumarasamy., Madurantakam Royam Madhav., Shanthi Sabarimurugan ., Sunil Krishnan., Siddhartha Baxi., Ajay Gupta., Km Gothandam ., Rama Jayaraj	Prognostic Value of miRNAs in Head and Neck Cancers: A Comprehensive Systematic and Meta-Analysis	Cell Journal	8	8	772	772	2.05	https://www.mdpi.com/2073-4409/8/8/772
1208	A. MUTHUCHAMY., NIDHI NAGARAJU., A. RAJA ANNAMALAI., DINESH K. AGRAWAL	Nd2O3 DOPED YTTRIA STABILIZED ZIRCONIA CERAMICS FABRICATED BY CONVENTIONAL AND MICROWAVE SINTERING METHODS	Journal Ceramics-Silikáty	63	1	45	50	0.84	https://www.mri.psu.edu/sites/default/files/agrawal/246.pdf

1209	Sharma G.S., Sugavaneswaran M., Vijayalakshmi U., Prakash R.	Influence of Î³-alumina coating on surface properties of direct metal laser sintered 316L stainless steel	Ceramics International	45	10	13456	13463	3.45	https://doi.org/10.1016/j.ceramint.2019.04.046
1210	Kalaivani S., Srividiya S., Vijayalakshmi U., Kannan S.	Bioactivity and up-conversion luminescence characteristics of Yb3+/Tb3+ co-doped bioglass system	Ceramics International	-	-	-	-	3.45	https://doi.org/10.1016/j.ceramint.2019.06.088
1211	Mahender, C.; Sumangala, T. P.; Ade, Ramesh; Saranya, A.; Prasad, Shiva; Venkataramani, N.	Low-loss YIG thick films for microwave applications	CERAMICS INTERNATIONAL	45	4	4316	4321	3.45	https://doi.org/10.1016/j.ceramint.2018.11.106
1212	Muthuchamy A., Nagaraju N., Agrawal D.K., Annamalai A.R.	Effect of La2O3 addition and sintering mode on the mechanical properties and microstructural evolution on an 8YSZ ceramic alloy	Ceramics International	45	3	3668	3674	3.45	https://doi.org/10.1016/j.ceramint.2018.11.028
1213	Devadoss I., Sakthivel P., Muthukumaran S., Sudhakar N.	Enhanced blue-light emission on Cd0.9-xZn0.1CrxS(0âå,¬¯ââ€°¤ xâå,¬¯ââ€°¤âå,¬¯0.05) quantum dots	Ceramics International	45	3	3833	3838	3.45	https://doi.org/10.1016/j.ceramint.2018.11.054
1214	Arul Xavier Stango S., Vijayalakshmi U.	Synthesis and characterization of hydroxyapatite/carboxylic acid functionalized MWCNTS composites and its triple layer coatings for biomedical applications	Ceramics International	45	1	69	81	3.45	https://doi.org/10.1016/j.ceramint.2018.09.135

1215	Lavanya M., Asharani I.V., Thirumalai D.	One pot multi-component synthesis of functionalized spiropyridine and pyrido[2,3-d]pyrimidine scaffolds and their potent in-vitro anti-inflammatory and anti-oxidant investigations	Chemical Biology and Drug Design	93	4	464	472	2.26	https://doi.org/10.1111/cbdd.13434
1216	Oladipupo Kareem M., Edathil A.A., Rambabu K., Bharath G., Banat F., Nirmala G.S., Sathiyanarayanan K.	Extraction, characterization and optimization of high quality bio-oil derived from waste date seeds	Chemical Engineering Communications	-	-	-	-	1.43	https://doi.org/10.1080/00986445.2019.1650034
1217	Nirmala, Gnanasundaram; Murugesan, Thanapalan; Rambabu, K.; Sathiyanarayanan, K.; Show, Pau Loke	Adsorptive removal of phenol using banyan root activated carbon	CHEMICAL ENGINEERING COMMUNICATIONS	-	-	-	-	1.43	https://doi.org/10.1080/00986445.2019.1674839
1218	Jilu Varghese., Mohammed Rehaan Chandan., S Shanthakumar	Fixed bed column study for pesticide removal using silver nanoparticles-embedded polyurethane foam and glass beads	Chemical Engineering Communications	-	-	1	10	1.43	https://www.tandfonline.com/doi/abs/10.1080/00986445.2019.1647181
1219	Unnikrishna Menon., Nanditha Suresh., Giphin George., Anu Mary Ealias., Saravana Kumar M P	A study on combined effect of Fenton and Free Nitrous Acid treatment on sludge dewaterability with ultrasonic assistance: Preliminary investigation on improved calorific value	Chemical Engineering Journal					8.36	https://www.sciencedirect.com/science/article/pii/S1385894719324477

1220	Thirumoorthy K., Viji M., Pandey A.P., Netke T.G., Sekar B., Yadav G., Deshpande S., Thimmakondu V.S.	Many unknowns below or close to the experimentally known cumulene carbene â€“ A case study of C9H2 isomers	Chemical Physics	527	-	-	-	1.82	https://doi.org/10.1016/j.chemphys.2019.110496
1221	Srinivasan E., Rajasekaran R.	Effect of Î’-cyclodextrin-EGCG complexion against aggregated a-synuclein through density functional theory and discrete molecular dynamics	Chemical Physics Letters	-	-	38	46	1.9	https://doi.org/10.1016/j.cplett.2018.12.042
1222	Begam Elavarasi S., Deepa Mariam., Ummal Momeen M., Hu J., Guin M.	Effect of fluorination on bandgap, first and second order hyperpolarizabilities in lithium substituted adamantane: A time dependent density functional theory	Chemical Physics Letters	-	-	310	316	1.9	https://doi.org/10.1016/j.cplett.2018.11.034
1223	T P Sajitha., R Siva., B L Manjunatha., P Rajani., Gogna Navdeep., Dorai Kavita., G Ravikanth., R Uma Shaanker	Sequestration of the plant secondary metabolite, colchicine, by the noctuid moth Polytela gloriosae (Fab.)	Chemoecology	-	-	1	8	2.49	https://link.springer.com/article/10.1007/s00049-019-00283-3
1224	Thiagarajan V., M. P., S. A., R. S., N. C., G.K. S., Mukherjee A.	Diminishing bioavailability and toxicity of P25 TiO2 NPs during continuous exposure to marine algae Chlorella sp.	Chemosphere	233	-	363	372	5.11	https://doi.org/10.1016/j.chemosphere.2019.05.270
1225	V. E., R. A., S. S.	Copper doped nickel aluminate: Synthesis, characterisation, optical and colour properties	Chinese Journal of Chemical Engineering	-	-	-	-	1.91	https://doi.org/10.1016/j.cjche.2019.01.008

1226	Sudha S., Peer Mohamed M., Vinitha G., Rathika Thaya Kumari C., Sangeetha P., Lydia Caroline M.	Synthesis, growth and third order nonlinear optical studies of a rhombohedral crystal: Sodium tetraborate pentahydrate	Chinese Journal of Physics	57	-	211	225	2.54	https://doi.org/10.1016/j.cjph.2018.11.014
1227	Mohamed M.P., Sudha S., Jayaprakash P., Vinitha G., Nageshwari M., Sangeetha P., Kumari C.R.T., Caroline M.L.	Growth and characterization of L-histidinium fumarate fumaric acid monohydrate single crystal: A promising second and third order nonlinear optical material	Chinese Journal of Physics	60	-	581	597	2.54	https://doi.org/10.1016/j.cjph.2019.05.032
1228	MU. Jauhar R.O., Era P., Vivek P., Vinitha G., Murugakoothan P.	Synthesis, structural, frontier molecular orbitals, Hirshfeld analysis and luminescence properties of an organic 2-amino-4, 6-dimethoxypyrimidine 4-methylbenzenesulfonic acid monohydrate single crystal	Chinese Journal of Physics	60	-	262	270	2.54	https://doi.org/10.1016/j.cjph.2019.05.012
1229	Valarmathi B., Amirthakumar C., Sudhakar S., Vinitha G., Kumar R.M.	Synthesis, crystal growth, and characterization of piperazinediium bis (4-aminobenzoate) dihydrate - An efficient third-order nonlinear optical single crystal for opto-electronic applications	Chinese Journal of Physics	62	-	223	239	2.54	https://doi.org/10.1016/j.cjph.2019.09.028
1230	M. Eswar Reddy., G. Ramachandra Reddy	Recursive Median and Mean Partitioned One-to-One Gray Level Mapping Transformations for Image Enhancement	Circuits, Systems, and Signal Processing	-	-	1	24	1.92	https://link.springer.com/article/10.1007/s00034-018-1013-3
1231	K Baboji., Sriadibhatla Sridevi	Optimal Design of Multiplier-Less Non-uniform Channel Filters with Successive Approximation of Vectors	Circuits, Systems, and Signal Processing	-	-	1	24	1.92	https://link.springer.com/article/10.1007/s00034-019-01067-4

1232	Takalkar A.S., Mailan Chinnapandi L.B.	Deep drawing process at the elevated temperature: A critical review and future research directions	CIRP Journal of Manufacturing Science and Technology	27	-	56	67	2.33	https://doi.org/10.1016/j.cirpj.2019.08.002
1233	S. Thiyagarajan., V. Edwin Geo., B. Ashok., K. Nanthagopal., R. Vallinayagam., C. G. Saravanan., P. Kumaran	NOx emission reduction using permanent/electromagnet-based fuel reforming system in a compression ignition engine fueled with pine oil	Clean Technologies and Environmental Policy	-	-	1	11	2.28	https://link.springer.com/article/10.1007/s10098-019-01670-8
1234	Bineesh C Mathew., Thangaraja J., Akella Sivaramakrishna	Combustion, performance and emission characteristics of blends of methyl esters and modified methyl esters of karanja and waste cooking oil on a turbocharged CRDI engine	Clean Technologies and Environmental Policy			1	17	2.28	https://link.springer.com/article/10.1007/s10098-019-01750-9
1235	Jawhara Al-haddad., Fatima Alzaabi., Priyabrata Pal., Rambabu K., Fawzi Banat	Green synthesis of bimetallic copperâ€“silver nanoparticles and their application in catalytic and antibacterial activities	Clean Technologies and Environmental Policy			1	9	2.28	https://link.springer.com/article/10.1007/s10098-019-01765-2
1236	Aarwin Joshua Richard., Jeyanth Suresh Rose., Sanita Korah., Mahima Keziah., Shalin Arambhan., A Arthi., SM Jaisakthi., V Vijayarajan	Quantification of corneal transparency in postâ€□mortem human corneas using laser scatter image analysis	Clinical and Experimental Optometry	-	-	-	-	1.56	https://onlinelibrary.wiley.com/doi/abs/10.1111/cxo.12898
1237	Hemalatha J., Devi M.K.K., Geetha S.	Improving image steganalyser performance through curvelet transform denoising	Cluster Computing	22	-	11821	11839	1.85	https://doi.org/10.1007/s10586-017-1500-5

1238	Radhika P., Vigneswaran T., Selvakumar J.	Design of high performance filter bank multi-carrier transmitter	Cluster Computing	22	-	12521	12527	1.85	https://doi.org/10.1007/s10586-017-1679-5
1239	Reena Monica P., Sreedevi V.T.	Suppression of ambipolar conduction in Schottky barrier carbon nanotube field effect transistors: Modeling, optimization using particle swarm intelligence, and fabrication	CMES - Computer Modeling in Engineering and Sciences	119	3	577	591	0.8	https://doi.org/10.32604/cmes.2019.04718
1240	Latha A., Prasanna S., Hemalatha S., Sivakumar B.	A harmonized trust assisted energy efficient data aggregation scheme for distributed sensor networks	Cognitive Systems Research	56	-	14	22	1.38	https://doi.org/10.1016/j.cogsys.2018.11.006
1241	Khan J.M., Ahmed A., Freeh Alamery S., Farah M.A., Hussain T., Khan M.I., Khan R.H., Malik A., Fatima S., Sen P.	Millimolar concentration of sodium dodecyl sulfate inhibit thermal aggregation in hen egg white lysozyme via increased Î±-helicity	Colloids and Surfaces A: Physicochemical and Engineering Aspects	572	-	167	173	3.13	https://doi.org/10.1016/j.colsurfa.2019.03.085
1242	Khan J.M., Malik A., Ahmad Khan M., Sharma P., Sen P.	Pre-micellar concentrations of sodium dodecylbenzene sulphonate induce amyloid-like fibril formation in myoglobin at pH 4.5	Colloids and Surfaces A: Physicochemical and Engineering Aspects	-	-	-	-	3.13	https://doi.org/10.1016/j.colsurfa.2019.124240
1243	Upadhyay Y., Bothra S., Kumar R., Kumar SK A., Sahoo S.K.	Mimicking biological process to detect alkaline phosphatase activity using the vitamin B6 cofactor conjugated bovine serum albumin capped CdS quantum dots	Colloids and Surfaces B: Biointerfaces	-	-	-	-	3.97	https://doi.org/10.1016/j.colsurfb.2019.110624

1244	Ramadass S.K., Nazir L.S., Thangam R., Perumal R.K., Manjubala I., Madhan B., Seetharaman S.	Type I collagen peptides and nitric oxide releasing electrospun silk fibroin scaffold: A multifunctional approach for the treatment of ischemic chronic wounds	Colloids and Surfaces B: Biointerfaces	175	-	636	643	3.97	https://doi.org/10.1016/j.colsurfb.2018.12.025
1245	Hameed P., Gopal V., Bjorklund S., Ganvir A., Sen D., Markocsan N., Manivasagam G.	Axial Suspension Plasma Spraying: An ultimate technique to tailor Ti6Al4V surface with HAp for orthopaedic applications	Colloids and Surfaces B: Biointerfaces	173	-	806	815	3.97	https://doi.org/10.1016/j.colsurfb.2018.10.071
1246	Abu Mani., Pankaj Tambe., Ariful Rahaman	Flexural properties of multiscale nanocomposites containing multiwalled carbon nanotubes coated glass fabric in epoxy/graphene matrix	Composite Interfaces	-	-	-	-	2.03	https://www.tandfonline.com/doi/full/10.1080/09276440.2019.1569396
1247	Anirudh B., Ganapathi M., Anant C., Polit O.	A comprehensive analysis of porous graphene-reinforced curved beams by finite element approach using higher-order structural theory: Bending, vibration and buckling	Composite Structures	222	-	-	-	4.83	https://doi.org/10.1016/j.compstruct.2019.110899
1248	Karakoti A., Kar V.R.	Deformation characteristics of sinusoidally-corrugated laminated composite panel â€“ A higher-order finite element approach	Composite Structures	216	-	151	158	4.83	https://doi.org/10.1016/j.compstruct.2019.02.097
1249	Aditya Narayan D., Ganapathi M., Pradyumna B., Haboussi M.	Investigation of thermo-elastic buckling of variable stiffness laminated composite shells using finite element approach based on higher-order theory	Composite Structures	211	-	24	40	4.83	https://doi.org/10.1016/j.compstruct.2018.12.012

1250	Surendra T.V., Roopan S.M., Devipriya D., Rahman Khan M.M., Hassanien R.	Multi-perspective CuO@C nanocomposites: Synthesis using drumstick peel as carbon source and its optimization using response surface methodology	Composites Part B: Engineering	172	-	690	703	6.86	https://doi.org/10.1016/j.compositesb.2019.05.024
1251	Verma, Ravi; Nagendra, H. N.; Kumar, V. B. Mahesh; Vivek, G. A.; Kasthurirengan, Srinivasan; Shivaprakash, N. C.; Behera, Upendra	Performance improvement of cryosorption pump by enhancing thermal conductivity of epoxy-aluminum composite	COMPOSITES PART B-ENGINEERING	176	-	-	-	6.86	https://doi.org/10.1016/j.compositesb.2019.107163
1252	Polit O., Anant C., Anirudh B., Ganapathi M.	Functionally graded graphene reinforced porous nanocomposite curved beams: Bending and elastic stability using a higher-order model with thickness stretch effect	Composites Part B: Engineering	166	-	310	327	6.86	https://doi.org/10.1016/j.compositesb.2018.11.074
1253	Jac Fredo A.R., Abilash R.S., Femi R., Mythili A., Kumar C.S.	Classification of damages in composite images using Zernike moments and support vector machines	Composites Part B: Engineering	168	-	77	86	6.86	https://doi.org/10.1016/j.compositesb.2018.12.064
1254	V R Elgin Christo., H Khanna Nehemiah., B Minu., Kannan A	Correlation-Based Ensemble Feature Selection Using Bioinspired Algorithms and Classification Using Backpropagation Neural Network	Computational and Mathematical Methods in Medicine	2019		1	17	1.56	https://www.hindawi.com/journals/cmmm/2019/7398307/abs/
1255	Thimmakondu V.S., Thirumoorthy K.	Si 3 C 2 H 2 isomers with a planar tetracoordinate carbon or silicon atom(s)	Computational and Theoretical Chemistry	1157	-	40	46	1.34	https://doi.org/10.1016/j.comptc.2019.04.009

1256	Anguraj S., Shantharajah S.P., Jeba Emilyn J.	A steganographic method based on optimized audio embedding technique for secure data communication in the internet of things	Computational Intelligence	-	-	-	-	0.78	https://doi.org/10.1111/coin.12253
1257	Sundaresan Y.B., Saleem Durai M.A.	Dynamic machine learning-based heuristic energy optimization approach on multicore architecture	Computational Intelligence	-	-	-	-	0.78	https://doi.org/10.1111/coin.12266
1258	Moorthy U., Gandhi U.D.	Forest optimization algorithm-based feature selection using classifier ensemble	Computational Intelligence	-	-	-	-	0.78	https://doi.org/10.1111/coin.12265
1259	K.Thangaramya., K.Kulothungan., R.Logambigai., M.Selvi., SannasiGanapathy., A.Kannan	Energy Aware Cluster and Neuro-Fuzzy Based Routing Algorithm for Wireless Sensor Networks in IoT	Computer Networks	151	-	211	223	3.03	https://www.sciencedirect.com/science/article/pii/S1389128618307771
1260	BalasubramanianPrabhu kavin., SannasiGanapathy	A Secured Storage and Privacy-Preserving Model Using CRT for Providing Security on Cloud and IoT based Applications	Computer Networks	151	-	181	190	3.03	https://www.sciencedirect.com/science/article/pii/S1389128618308880
1261	Dinesh JacksonSamuel R., Fenil E., GunasekaranManogaran., Vivekananda G.N., Thanjaivadivel T., Jeeva S., Ahilan A	Real time violence detection framework for football stadium comprising of big data analysis and deep learning through bidirectional LSTM	Computer Networks	151	-	191	200	3.03	https://www.researchgate.net/profile/Vivekananda_Gn/publication/330709110_Real_time_Violence_Detection_Framework_for_Football_Stadium_comprising_of_Big_Data_Analysis_and_Deep_Learning_through_Bidirectional_LSTM/links/5c669a8b92851c48a9d544f3/Real-time-Vio

1262	Mohamed Abdel-Basset., Gunasekaran Manogaran., Mai Mohamed	A neutrosophic theory based security approach for fog and mobile-edge computing	Computer Networks	157	-	122	132	3.03	https://www.sciencedirect.com/science/article/abs/pii/S1389128618310727
1263	Deebak B D., Fadi Al-turjman	A hybrid secure routing and monitoring mechanism in IoT-based wireless sensor networks	Ad Hoc Networks	97				3.49	https://www.sciencedirect.com/science/article/abs/pii/S1570870519305050
1264	George G., Lal A.M.	Review of ontology-based recommender systems in e-learning	Computers and Education	142	-	-	-	5.63	https://doi.org/10.1016/j.compedu.2019.103642
1265	Raheleh Khanduzi., Arun Kumar Sangaiah	Tabu search based on exact approach for protecting hubs against jamming attacks	Computers and Electrical Engineering	79				2.19	https://www.sciencedirect.com/science/article/pii/S0045790618333743
1266	Mekala M.S., Viswanathan P.	Energy-Efficient virtual machine selection based on resource ranking and utilization factor approach in cloud computing for IoT	Computers and Electrical Engineering	73	-	227	244	2.19	https://doi.org/10.1016/j.compeleceng.2018.11.021
1267	Malathi D., Logesh R., Subramaniyaswamy V., Vijayakumar V., Sangaiah A.K.	Hybrid Reasoning-based Privacy-Aware Disease Prediction Support System	Computers and Electrical Engineering	73	-	114	127	2.19	https://doi.org/10.1016/j.compeleceng.2018.11.009
1268	Maya Gopal P.S., Bhargavi R.	A novel approach for efficient crop yield prediction	Computers and Electronics in Agriculture	165	-	-	-	3.17	https://doi.org/10.1016/j.compag.2019.104968
1269	Sarma D., Bera U.K., Das A.	A mathematical model for resource allocation in emergency situations with the co-operation of NGOs under uncertainty	Computers and Industrial Engineering	137	-	-	-	3.52	https://doi.org/10.1016/j.cie.2019.106000
1270	Navaneeth B., Suchetha M.	PSO optimized 1-D CNN-SVM architecture for real-time detection and classification applications	Computers in Biology and Medicine	108	-	85	92	2.29	https://doi.org/10.1016/j.compbiomed.2019.03.017

1271	Agrahari A.K., Krishna Priya M., Praveen Kumar M., Tayubi I.A., Siva R., Prabhu Christopher B., George Priya Doss C., Zayed H.	Understanding the structure-function relationship of HPRT1 missense mutations in association with Leschâ€“Nyhan disease and HPRT1-related gout by in silico mutational analysis	Computers in Biology and Medicine	107	-	161	171	2.29	https://doi.org/10.1016/j.compbiomed.2019.02.014
1272	Vivekanandan T., Narayanan S.J.	A Hybrid Risk Assessment Model for Cardiovascular Disease Using Cox Regression Analysis and a 2-means clustering algorithm	Computers in Biology and Medicine	113	-	-	-	2.29	https://doi.org/10.1016/j.compbiomed.2019.103400
1273	Thirumal Kumar D., Jain N., Evangeline J., Kamaraj B., Siva R., Zayed H., George Priya Doss C.	A computational approach for investigating the mutational landscape of RAC-alpha serine/threonine-protein kinase (AKT1) and screening inhibitors against the oncogenic E17K mutation causing breast cancer	Computers in Biology and Medicine	115	-	-	-	2.29	https://doi.org/10.1016/j.compbiomed.2019.103513
1274	Sneha P., Priya R., Febin Prabhu Dass J., George Priya Doss C., M Manickavasagam., Ramamoorthy Siva	Exploring the codon patterns between CCD and NCED genes among different plant species	Computers in Biology and Medicine					2.29	https://www.sciencedirect.com/science/article/pii/S0010482519303257
1275	Chen M.-Y., Lytras M.D., Sangaiah A.K.	Anticipatory computing: Crowd intelligence from social network and big data	Computers in Human Behavior	101	-	350	351	4.31	https://doi.org/10.1016/j.chb.2019.07.035
1276	Vijayakumar V., Malathi D., Subramaniyaswamy V., Saravanan P., Logesh R.	Fog computing-based intelligent healthcare system for the detection and prevention of mosquito-borne diseases	Computers in Human Behavior	100	-	275	285	4.31	https://doi.org/10.1016/j.chb.2018.12.009

1277	Sarma D., Das A., Bera U.K., Hezam I.M.	Redistribution for cost minimization in disaster management under uncertainty with trapezoidal neutrosophic number	Computers in Industry	109	-	226	238	4.77	https://doi.org/10.1016/j.compind.2019.04.004
1278	Goli A., Tirkolaee E.B., Malmir B., Bian G.-B., Sangaiah A.K.	A multi-objective invasive weed optimization algorithm for robust aggregate production planning under uncertain seasonal demand	Computing	-	-	-	-	2.06	https://doi.org/10.1007/s00607-018-00692-2
1279	Tirkolaee E.B., Goli A., Hematian M., Sangaiah A.K., Han T.	Multi-objective multi-mode resource constrained project scheduling problem using Pareto-based algorithms	Computing	-	-	-	-	2.06	https://doi.org/10.1007/s00607-018-00693-1
1280	Suresh R., Rao A.N., Reddy B.E.	Detection and classification of normal and abnormal patterns in mammograms using deep neural network	Concurrency Computation	-	-	-	-	1.13	https://doi.org/10.1002/cpe.5293
1281	Arumugam M., Sangaiah A.K.	Arrhythmia identification and classification using wavelet centered methodology in ECG signals	Concurrency Computation	-	-	-	-	1.13	https://doi.org/10.1002/cpe.5553
1282	Zhang J., Wang B., Ogiela M.R., Wang X.A., Sangaiah A.K.	New public auditing protocol based on homomorphic tags for secure cloud storage	Concurrency Computation	-	-	-	-	1.13	https://doi.org/10.1002/cpe.5600
1283	V Sivakumar., D Rekha	A QoSâ€aware energyâ€efficient memetic flower pollination routing protocol for underwater acoustic sensor network	Concurrency and Computation Practice and Experience	-	-	5166	5166	1.13	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.5166
1284	Shanmuga Priya T., Ramesh N., Agarwal A., Bhusnur S., Chaudhary K.	Strength and durability characteristics of concrete made by micronized biomass silica and Bacteria-Bacillus sphaericus	Construction and Building Materials	226	-	827	838	4.05	https://doi.org/10.1016/j.conbuildmat.2019.07.172

1285	Devulapalli L., Kothandaraman S., Sarang G.	Evaluation of rejuvenator's effectiveness on the reclaimed asphalt pavement incorporated stone matrix asphalt mixtures	Construction and Building Materials	224	-	909	919	4.05	https://doi.org/10.1016/j.conbuildmat.2019.07.126
1286	Kumar R.V.M.S.S.K., Varma S.V.K., Raju C.S.K., Ibrahim S.M., Lorenzini G., Lorenzini E.	Retraction Note to: Magnetohydrodynamic 3D slip flow in a suspension of carbon nanotubes over a slendering sheet with heat source/sink (Continuum Mechanics and Thermodynamics, (2017), 29, 3, (835-851), 10.1007/s00161-017-0563-0)	Continuum Mechanics and Thermodynamics	31	2	605	-	1.76	https://doi.org/10.1007/s00161-018-0742-7
1287	Kumar, R. V. M. S. S. Kiran; Varma, S. Vijaya Kumar; Raju, C. S. K.; Ibrahim, S. M.; Lorenzini, G.; Lorenzini, E.	RETRACTION: Magnetohydrodynamic 3D slip flow in a suspension of carbon nanotubes over a slendering sheet with heat source/sink (Retraction of Vol 29, Pg 835, 2017)	CONTINUUM MECHANICS AND THERMODYNAMICS	31	2	605	605	1.76	https://doi.org/10.1007/s00161-018-0742-7
1288	Rathod D., Dash S.K., Sarma A.	Potential profile near the virtual cathode in presence of charged dust	Contributions to Plasma Physics	-	-	-	-	1.23	https://doi.org/10.1002/ctpp.201900007
1289	Megalingam M., Sarma B., Sarma A.	Characteristic behaviour of plasma fluctuations inside a plasma bubble in presence of a magnetic field due to the formation of a potential well	Contributions to Plasma Physics	-	-	-	-	1.23	https://doi.org/10.1002/ctpp.201800104
1290	Anu Mary Ealias., MP Saravanakumar	A critical review on ultrasonic-assisted dye adsorption: Mass transfer, half-life and half-capacity concentration approach with future industrial perspectives	Critical Reviews in Environmental Science and Technology	-	-	1	57	5.98	https://www.tandfonline.com/doi/abs/10.1080/10643389.2019.1601488?journalCode=best20

1291	Vediyappan S., Chaudhary A.K., Mottamchetty V., Arumugam R., Gandhiraj V., Senthil Pandian M., Perumalsamy R.	Evaluation of Linear and Nonlinear Optical Properties of D-Ï€-A Type 2-Amino-5-Nitropyridinium Dihydrogen Phosphate (2A5NPDP) Single Crystal Grown by the Modified Sankaranarayanan-Ramasamy (SR) Method for Terahertz Generation	Crystal Growth and Design	-	-	-	-	4.15	https://doi.org/10.1021/acs.cgd.9b00382
1292	A Hussain., S Singh., SS Das., K Anjireddy., Karpagam S., Shakeel F	Nanomedicines as Drug Delivery Carriers of Anti-Tubercular Drugs: From Pathogenesis to Infection Control	Current Drug Delivery	16	-	-	-	1.65	https://europepmc.org/abstract/med/30714523
1293	Micheal F., Sayana M., Motial B.M.	Current regulatory standpoint on evaluating the bioequivalence of different classes of generic drugs-is the evaluation in the right direction?	Current Drug Metabolism	20	10	835	844	2.28	https://doi.org/10.2174/1389200220666191007152542
1294	Kalaivani Subramani., Shantharajah S P., Padma Theagarajan	Double Line Clustering based Colour Image Segmentation Technique for Plant Disease Detection	Current Medical Imaging Reviews	15	8	769	776	0.53	https://www.eurekaselect.com/node/160670/article/double-line-clustering-based-colour-image-segmentation-technique-for-plant-disease-detection
1295	Rana D., Kumar S., Webster T.J., Ramalingam M.	Impact of Induced Pluripotent Stem Cells in Bone Repair and Regeneration	Current Osteoporosis Reports	17	4	226	234	3.93	https://doi.org/10.1007/s11914-019-00519-9
1296	Alam MS., Akhtar A., Ahsan I., Shafiq-Un-Nabi S	Pharmaceutical product development exploiting 3D printing technology: Conventional to novel drug delivery system	Current pharmaceutical design	-	-	-	-	2.41	https://europepmc.org/abstract/med/30727872
1297	K Sumangali., Ch Aswani Kumar	Knowledge Reduction in Formal Contexts through CUR Matrix Decomposition	Cybernetics and Systems	-	-	1	32	1.68	https://www.tandfonline.com/doi/abs/10.1080/01969722.2019.1602300

1298	Choudhary R., Venkatraman S.K., Chatterjee A., Vecstaudza J., Yáñez-Gascón M.J., Pérez-Sánchez H., Locs J., Abraham J., Swamiappan S.	Biomineralization, antibacterial activity and mechanical properties of biowaste derived diopside nanopowders	Advanced Powder Technology	30	9	1950	1964	3.25	https://doi.org/10.1016/j.apt.2019.06.014
1299	Reddy S.R.R., Bala Anki Reddy P., Bhattacharyya K.	Effect of nonlinear thermal radiation on 3D magneto slip flow of Eyring-Powell nanofluid flow over a slendering sheet with binary chemical reaction and Arrhenius activation energy	Advanced Powder Technology	30	12	3203	3213	3.25	https://doi.org/10.1016/j.apt.2019.09.029
1300	Pichumani M., Parthiban V., Anitha S., Tiju Thomas	What dominates heat transfer performance of hybrid nanofluid in single pass shell and tube heat exchanger?	Advanced Powder Technology					3.25	https://www.sciencedirect.com/science/article/pii/S092188311930322X
1301	Bidisha Sarkar., Ashaparna Mondal., Yukti Madaan., Nilmadhab Roy., Anbalagan M., Yung-chih Kuo., Priyankar Paira	Luminescent anticancer ruthenium(II)-p-cymene complexes of extended imidazophenanthroline ligands: synthesis, structure, reactivity, biomolecular interactions and live cell imaging	Dalton Transactions					4.05	https://pubs.rsc.org/en/content/articlelanding/2019/dt/c9dt00921c/unauth#!divAbstract

1302	Selva Kumar R., Ashok Kumar S K	A light activated CMP conjugated 8-aminoquinoline turn-on fluorescent optode for selective determination of Th4+ in an aqueous environment	Dalton Transactions	48	33	12607	12614	4.05	https://www.researchgate.net/profile/Selva_Ramasamy/publication/334646980_A_Light_Activated_CMP_Conjugated_8-Aminoquinoline_Turn-On_Fluorescent_Optode_for_Selective_Determination_of_Th4_in_Aqueous_Environment/links/5d63bcd1458515d610257dd3/A-Light-Activated-CMP-Conjugated-8-Aminoquinoline-Turn-On-Fluorescent-Optode-for-Selective-Determination-of-Th4-in-Aqueous-Environment.pdf
1303	Rambabu K., Banat F., Nirmala G.S., Velu S., Monash P., Arthanareeswaran G.	Activated carbon from date seeds for chromium removal in aqueous solution	Desalination and Water Treatment	156	-	267	277	1.23	https://doi.org/10.5004/dwt.2018.23265
1304	Chiranjeevi C., Srinivas T., Shankar R.	Experimental investigation on a hybrid desalination and cooling unit using humidification-dehumidification technique	Desalination and Water Treatment	156	-	148	160	1.23	https://doi.org/10.5004/dwt.2019.23680
1305	Evangeline C., Pragasam V., Rambabu K., Velu S., Monash P., Arthanareeswaran G., Banat F.	Iron oxide modified polyethersulfone/cellulose acetate blend membrane for enhanced defluoridation application	Desalination and Water Treatment	156	-	177	188	1.23	https://doi.org/10.5004/dwt.2018.23174

1306	Anand B., Shankar R., Srinivas T., Murugavelh S.	Performance analysis of combined two stage desalination and cooling plant with different solar collectors	Desalination and Water Treatment	156	-	136	147	1.23	https://doi.org/10.5004/dwt.2019.23663
1307	Joaquin A.A., Nirmala G.	Statistical modeling and process optimization of coagulationâ€“flocculation for treatment of municipal wastewater	Desalination and Water Treatment	157	-	90	99	1.23	https://doi.org/10.5004/dwt.2019.24162
1308	Ramesh N., Mandal A.K.A.	Pharmacokinetic, toxicokinetic, and bioavailability studies of epigallocatechin-3-gallate loaded solid lipid nanoparticle in rat model	Drug Development and Industrial Pharmacy	-	-	-	-	2.37	https://doi.org/10.1080/03639045.2019.1634091
1309	George J., Sajan D., Alex J., Vinitha G.	Proton-induced intermolecular charge transfer in Picolinium Tartrate Monohydrate crystal for OLED and nonlinear optical applications: A combined experimental and computational study	Dyes and Pigments	165	-	239	248	4.02	https://doi.org/10.1016/j.dyepig.2019.01.055
1310	Bandyopadhyay S., Boukhvalov D.W., Nayak A.K., Ha S.R., Shin H.J., Kwon J., Song T., Choi H.	Redox active nitrogen-containing conjugated porous polymer: An organic heterogeneous electrocatalysts for oxygen reduction reaction	Dyes and Pigments	170	-	-	-	4.02	https://doi.org/10.1016/j.dyepig.2019.107557

1311	Novanna M., Kannadasan S., Shanmugam P.	Microwave assisted synthesis and photophysical properties of blue emissive 2-amino-3-carboxamide-1,1â€²-biaryls and 4-(arylamino)-[1,1â€²-biphenyl]-3-carboxamides via Suzuki and Chan-Evans-Lam coupling	Dyes and Pigments	-	-	-	-	4.02	https://doi.org/10.1016/j.dyepig.2019.108015
1312	Ponram M., Balijapalli U., Sambath B., Kulathu Iyer S., Kakaraparthi K., Thota G., Bakthavachalam V., Cingaram R., Sung-Ho J., Natesan Sundaramurthy K.	Inkjet-printed phosphorescent Iridium(III) complex based paper sensor for highly selective detection of Hg2+	Dyes and Pigments	163	-	176	182	4.02	https://doi.org/10.1016/j.dyepig.2018.11.054
1313	Chakraborty D., Chandrasekaran N., Mukherjee A.	Advances in oral cancer detection	Advances in Clinical Chemistry	-	-	-	-	3.44	https://doi.org/10.1016/bs.acc.2019.03.006
1314	Chowdhury J., Al Basir F., Takeuchi Y., Ghosh M., Roy P.K.	A mathematical model for pest management in Jatropha curcas with integrated pesticides - An optimal control approach	Ecological Complexity	37	-	24	31	1.71	https://doi.org/10.1016/j.ecocom.2018.12.004
1315	Silambarasan S., Logeswari P., Cornejo P., Abraham J., Valentine A.	Simultaneous mitigation of aluminum, salinity and drought stress in Lactuca sativa growth via formulated plant growth promoting Rhodotorula mucilaginosa CAM4	Ecotoxicology and Environmental Safety	180	-	63	72	4.53	https://doi.org/10.1016/j.ecoenv.2019.05.006

1316	Mishra P., Dutta S., Haldar M., Dey P., Kumar D., Mukherjee A., Chandrasekaran N.	Enhanced mosquitocidal efficacy of colloidal dispersion of pyrethroid nanometric emulsion with benignity towards non-target species	Ecotoxicology and Environmental Safety	176	-	258	269	4.53	https://doi.org/10.1016/j.ecoenv.2019.03.096
1317	Manojkumar N., Srimuruganandam B., Shiva Nagendra S.M.	Application of multiple-path particle dosimetry model for quantifying age specified deposition of particulate matter in human airway	Ecotoxicology and Environmental Safety	168	-	241	248	4.53	https://doi.org/10.1016/j.ecoenv.2018.10.091
1318	T Devi., R Ganesan	Environmental Benefits of Enhanced Hecc- Elgamal Cryptosystem for Security in Cloud Data Storage Using Soft Computing Techniques	Ekoloji	28	107	665	677	0.05	http://www.ekolojidergisi.com/download/environmental-benefits-of-enhanced-hecc-elgamal-cryptosystem-for-security-in-cloud-data-storage-5620.pdf
1319	Sudhakar N., Pydikalva Padmavathi., Jyotheeswara Reddy ., Thanikanti Sudhakar Babu., Vigna K Ramachandaramurthy., Sanjeevikumar Padmanaban	Conducted Electromagnetic Interference Spectral Peak Mitigation in Luo-Converter Using FPGA-Based Chaotic PWM Technique	Electric Power Components and Systems			1	11	0.89	https://www.tandfonline.com/doi/abs/10.1080/15325008.2019.1629510
1320	Ramakrishna Reddy K., Meikandasivam S., Vijayakumar D.	A novel strategy for maximization of plug-In electric vehicle's storage utilization for grid support with consideration of customer flexibility	Electric Power Systems Research	170	-	158	175	3.02	https://doi.org/10.1016/j.epsr.2018.12.031

1321	Suresh V., Sreejith S., Sudabattula S.K., Kamboj V.K.	Demand response-integrated economic dispatch incorporating renewable energy sources using ameliorated dragonfly algorithm	Electrical Engineering	-	-	-	-	1.3	https://doi.org/10.1007/s00202-019-00792-y
1322	Rudra S., Chakraborty R., Maji P.K., Koley S., Nayak A.K., Paul D., Pradhan M.	Intercalation pseudocapacitance in chemically stable Au-Î±-Fe2O3-Mn3O4 composite nanorod: Towards highly efficient solid-state symmetric supercapacitor device	Electrochimica Acta	324	-	-	-	5.38	https://doi.org/10.1016/j.electacta.2019.134865
1323	Shalini Devi K.S., Jain A., Huang S.-T., Kumar A.S.	Metal and heteroatoms-free carbon soot obtained from atmospheric combustion of naphthalene for sensitive dissolved oxygen reduction reaction and sensing in neutral media	Electrochimica Acta	296	-	407	417	5.38	https://doi.org/10.1016/j.electacta.2018.11.007
1324	Chen, Chia-Chen; Camara, Carmen; Hsiao, Kuo-Lun; Hsu, Tien-Yu; Sangaiah, Arun Kumar	Smart libraries: the application of emerging and innovative technologies	ELECTRONIC LIBRARY	37	5	761	763	0.89	https://doi.org/10.1108/EL-10-2019-269
1325	Iwendi C., Ponnan S., Munirathinam R., Srinivasan K., Chang C.-Y.	An efficient and unique TF/IDF algorithmic model-based data analysis for handling applications with big data streaming	Electronics (Switzerland)	8	11	-	-	1.76	https://doi.org/10.3390/electronics8111331
1326	R Sivapriyan., D Elangovan	Impedance-Source DC-to-AC/DC Converter	Electronics	8	4	438	438	1.76	https://www.mdpi.com/2079-9292/8/4/438
1327	Sooraj Varikkottil., Febin Daya JL	Estimation of Optimal Operating Frequency for Wireless EV Charging System under Misalignment	Electronics	8	3	342	342	1.76	https://www.mdpi.com/2079-9292/8/3/342

1328	Guerrero-Ferreira R.C., Hupfeld M., Nazarov S., Taylor N.M.I., Shneider M.M., Obbineni J.M., Loessner M.J., Ishikawa T., Klumpp J., Leiman P.G.	Structure and transformation of bacteriophage A511 baseplate and tail upon infection of ListeriaÂ cells	EMBO Journal	-	-	-	-	11.23	https://doi.org/10.15252/embj.201899455
1329	Ananthavijayan R., Shanmugam P.K., Padmanaban S., Holm-Nielsen J.B., Blaabjerg F., Fedak V.	Software architectures for smart grid system-a bibliographical survey	Energies	12	6	-	-	2.71	https://doi.org/10.3390/en12061183
1330	Chen X., Chen Y., Sangaiah A.K., Luo S., Yu H.	MonLink: Piggyback status monitoring over LLDP in software-defined energy internet	Energies	12	6	-	-	2.71	https://doi.org/10.3390/en12061147
1331	Arunkumar G., Elangovan D., Sanjeevikumar P., Nielsen J.B.H., Leonowicz Z., Joseph P.K.	DC grid for domestic electrification	Energies	12	11	-	-	2.71	https://doi.org/10.3390/en12112157
1332	Sofana Reka S., DragiÄ□viÄ‡ T., Siano P., Sahaya Prabaharan S.R.	Future generation 5G wireless networks for smart grid: A comprehensive review	Energies	12	11	-	-	2.71	https://doi.org/10.3390/en12112140
1333	Brahmendra Kumar G.V., Sarojini R.K., Palanisamy K., Padmanaban S., Holm-Nielsen J.B.	Large scale renewable energy integration: Issues and solutions	Energies	12	10	-	-	2.71	https://doi.org/10.3390/en12101996

1334	Ganesan A.U., Nandhagopal S., Venkat A.S., Padmanaban S., Pedersen J.K., Chokkalingam L.N., Leonowicz Z.	Performance analysis of single-phase electrical machine for military applications	Energies	12	12	-	-	2.71	https://doi.org/10.3390/en12122285
1335	Hemanth Kumar M.B., Balasubramaniyan S., Padmanaban S., Holm-Nielsen J.B.	Wind energy potential assessment by weibull parameter estimation using multiverse optimization method: A case study of Tirumala region in India	Energies	12	11	-	-	2.71	https://doi.org/10.3390/en12112158
1336	Kuruseelan S., Vaithilingam C.	Peer-to-peer energy trading of a community connected with an AC and DC microgrid	Energies	12	19	-	-	2.71	https://doi.org/10.3390/en12193709
1337	Venugopal P., Vigneswaran T.	State-of-health estimation of Li-ion batteries in electric vehicle using InDRNN under variable load condition	Energies	12	22	-	-	2.71	https://doi.org/10.3390/en12224338
1338	Padmanathan K., Kamalakannan N., Sanjeevikumar P., Blaabjerg F., Holm-Nielsen J.B., Uma G., Arul R., Rajesh R., Srinivasan A., Baskaran J.	Conceptual framework of antecedents to trends on permanent magnet synchronous generators for wind energy conversion systems	Energies	12	13	-	-	2.71	https://doi.org/10.3390/en12132616
1339	Kowsalya M., Monica Purushotham	Reinforced Droop for Active Current Sharing in Parallel NPC Inverter for Islanded AC Microgrid Application	Energies	12	16	1	27	2.71	https://www.mdpi.com/1996-1073/12/16/3090

1340	VK Arun Shankar., Umashankar Subramaniam., Sanjeevikumar Padmanaban., Jens Bo Holm-Nielsen., Frede Blaabjerg., S Paramasivam	Experimental Investigation of Power Signatures for Cavitation and Water Hammer in an Industrial Parallel Pumping System	Energies	12	7	1	14	2.71	https://ideas.repec.org/a/gam/jeners/v12y2019i7p1351-d220988.html
1341	Ashok B., Nanthagopal K., Darla S., Chyuan O.H., Ramesh A., Jacob A., Sahil G., Thiyagarajan S., Geo V.E.	Comparative assessment of hexanol and decanol as oxygenated additives with calophyllum inophyllum biodiesel	Energy	-	-	494	510	5.54	https://doi.org/10.1016/j.energy.2019.02.077
1342	Bhowmick P., Jeevanantham A.K., Ashok B., Nanthagopal K., Perumal D.A., Karthickeyan V., Vora K.C., Jain A.	Effect of fuel injection strategies and EGR on biodiesel blend in a CRDI engine	Energy	181	-	1094	1113	5.54	https://doi.org/10.1016/j.energy.2019.06.014
1343	Jeevanantham A.K., Nanthagopal K., Ashok B., Al-Muhtaseb A.H., Thiyagarajan S., Geo V.E., Ong H.C., Samuel K.J.	Impact of addition of two ether additives with high speed diesel- Calophyllum Inophyllum biodiesel blends on NOx reduction in CI engine	Energy	185	-	39	54	5.54	https://doi.org/10.1016/j.energy.2019.07.013

1344	B.Ashok., A.K.Jeevanantham., K.Nanthagopal., B.Saravanan., M.Senthil Kumar., AjithJohny., AravindMohan., Muhammad UsmanKaisan., ShituAbubakar	An experimental analysis on the effect of n-pentanol-Calophyllum Inophyllum Biodiesel binary blends in CI engine characteristcis	Energy	173	-	290	305	5.54	https://www.sciencedirect.com/science/article/pii/S0360544219302877
1345	M.A.Asokan., S.Senthur Prabu., Pushpa Kiran Kumar Bade., Venkata Mukesh Nekkanti., Sri Sai Gopal Gutta	Performance, combustion and emission characteristics of juliflora biodiesel fuelled DI diesel engine	Energy	173	-	883	892	5.54	https://www.sciencedirect.com/science/article/pii/S0360544219302701
1346	Sakthivel G., Sivaraja C.M., Ikua B.W.	Prediction OF CI engine performance, emission and combustion parameters using fish oil as a biodiesel by fuzzy-GA	Energy	-	-	287	306	5.54	https://doi.org/10.1016/j.energy.2018.10.023
1347	Goudarzi S., Anisi M.H., Kama N., Doctor F., Soleymani S.A., Sangaiah A.K.	Predictive modelling of building energy consumption based on a hybrid nature-inspired optimization algorithm	Energy and Buildings	196	-	83	93	4.5	https://doi.org/10.1016/j.enbuild.2019.05.031
1348	N Shankar Ganesh., T Srinivas., G Uma Maheswari., S Mahendiran., D Manivannan	Development of optimized energy system	Energy & Environment	-	-	-	-	1.09	https://journals.sagepub.com/doi/abs/10.1177/0958305X19834387

1349	Wu Z., Tan P., Zhu P., Cai W., Chen B., Yang F., Zhang Z., Porpatham E., Ni M.	Performance analysis of a novel SOFC-HCCI engine hybrid system coupled with metal hydride reactor for H 2 addition by waste heat recovery	Energy Conversion and Management	-	-	119	131	7.18	https://doi.org/10.1016/j.enconman.2019.04.016
1350	Pillai D.S., Ram J.P., Rajasekar N., Mahmud A., Yang Y., Blaabjerg F.	Extended analysis on Line-Line and Line-Ground faults in PV arrays and a compatibility study on latest NEC protection standards	Energy Conversion and Management	196	-	988	1001	7.18	https://doi.org/10.1016/j.enconman.2019.06.042
1351	Yousri D., Elaziz M.A., Merchaoui M., Rana K.P.S., Babu T.S., Oliva D., Ram P., Rajasekar N., Alama D.F., Eteiba M.B., Kler D., Goswami Y., Kumar V.	Reply on â€œReply to comment on Important notes on parameter estimation of solar photovoltaic cellâ€by Gnetchejo et al. [Energy Conversion and Management, https://doi.org/10.1016/ j.enconman.2019.111870]	Energy Conversion and Management	201	-	-	-	7.18	https://doi.org/10.1016/j.enconman.2019.112234
1352	Yousri D., Elaziz M.A., Razaee A., Merchaoui M., Rana K.P.S., Babu T.S., Oliva D., Ram P., Rajasekar N., Alam D.F., Eteiba M.B., Kler D., Goswami Y., Kumar V.	Comment on â€œImportant notes on parameter estimation of solar photovoltaic cellâ€by Gnetchejo et al. [Energy Conversion and Management, https://doi.org/10.1016/j.enconman.2019.111870]	Energy Conversion and Management	201	-	-	-	7.18	https://doi.org/10.1016/j.enconman.2019.112131
1353	Nanthagopal K., Ashok B., Garnepudi R.S., Tarun K.R., Dhinesh B.	Investigation on diethyl ether as an additive with Calophyllum Inophyllum biodiesel for CI engine application	Energy Conversion and Management	179	-	104	113	7.18	https://doi.org/10.1016/j.enconman.2018.10.064

1354	Ashok B., Nanthagopal K., Arumuga Perumal D., Babu J.M., Tiwari A., Sharma A.	An investigation on CRDi engine characteristic using renewable orange-peel oil	Energy Conversion and Management	-	-	1026	1038	7.18	https://doi.org/10.1016/j.enconman.2018.11.047
1355	Srinivasan G.R., Shankar V., Jambulingam R.	Experimental study on influence of dominant fatty acid esters in engine characteristics of waste beef tallow biodiesel	Energy Exploration and Exploitation	37	3	1098	1124	1.95	https://doi.org/10.1177/0144598718821791
1356	Somasundaram M., k M.P.	Co-pyrolysis of Juliflora biomass with low-density polyethylene for bio-oil synthesis	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	-	-	-	-	0.89	https://doi.org/10.1080/15567036.2019.1635232
1357	Deepanraj B., Senthilkumar N., Ranjitha J.	Effect of solid concentration on biogas production through anaerobic digestion of rapeseed oil cake	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	-	-	-	-	0.89	https://doi.org/10.1080/15567036.2019.1636902
1358	Anand, B.; Murugavelh, S.	A hybrid system for power, desalination, and cooling using concentrated photovoltaic/thermal collector	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	-	-	-	-	0.89	https://doi.org/10.1080/15567036.2019.1644395
1359	Murugavelh S., Anand B., K Midhun Prasad., R Nagarajan., S Azariah Pravin Kumar	Exergy analysis and kinetic study of tomato waste drying in a mixed mode solar tunnel dryer	Energy Sources, Part A: Recovery, Utilization and Environmental Effects			1	17	0.89	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1679289
1360	Ganesh N.S., Srinivas T.	Nuclear energy-driven Kalina cycle system suitable for Indian climatic conditions	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	41	3	298	308	0.89	https://doi.org/10.1080/15567036.2018.1516011

1361	Senthur Prabu S., Choudhary A., Mittal N., Gupta S., Ramkumar D., Natarajan A.	Failure evaluation of SA 210C riffle water wall tubes in 70â€¯MW CFBC boiler	Engineering Failure Analysis	95	-	239	247	2.2	https://doi.org/10.1016/j.engfailanal.2018.09.028
1362	Senthur Prabu S., Choudhary A., Mittal N., Gupta S., Ramkumar D., Natarajan A.	Failure evaluation of SA 210C riffle water wall tubes in 70ââ,¬¯MW CFBC boiler	Engineering Failure Analysis	95	-	239	247	2.2	https://doi.org/10.1016/j.engfailanal.2018.09.028
1363	Ramani P.V., KSD L.K.L.	Application of lean in construction using value stream mapping	Engineering, Construction and Architectural Management	-	-	-	-	1.56	https://doi.org/10.1108/ECAM-12-2018-0572