

3.4.5. Research publications – Number of research papers published per teacher of the institution in the Journals notified by UGC care list during the last five years. (20)								
3.4.5.1 Number of research papers published by the faculty of the Institution in the Journals notified by UGC care list								
S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of Journal	Yearwise counting	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	"Road Transport in Economic Development	Seema, Pawan Kumar Dhiman	Management and Humanities	International Journal of Management and Applied Science	1	2017	2394-7926	<a href="http://mms.raj.in/paper_detail.php?paper_id=9241&amp;name=Road+Transport+in+Economic+Development">http://mms.raj.in/paper_detail.php?paper_id=9241&amp;name=Road+Transport+in+Economic+Development</a>
2	"Rushdie's Critique of Politics in Midnight's Children" The Criticism	Bhupinder singh, Jaspreet Kaur Bhangu	Management and Humanities	An International Journal in English Vol. 8 Issue II	2	2017	2582-4046	<a href="https://www.the-criticism.com/8/2/002.pdf">https://www.the-criticism.com/8/2/002.pdf</a>
3	A comparative study of cosmological models in alternative theory of gravity with LVDP & BVDP	Mishra RK, Chand A	Mathematics	Astrophysics and Space Science <a href="https://doi.org/10.1007/s10590-017-1317-9">https://doi.org/10.1007/s10590-017-1317-9</a>	3	2017	0004-640X	<a href="https://www.springer.com/journal/10590">https://www.springer.com/journal/10590</a>
4	A comparative study of flow properties of banana and non-banana rice flour from two different mills	Jan, S., Ghosei, C., Saxena, D.C.	Food Engineering & Technology	Journal of Cereal Science, 76, 165-172. <a href="https://doi.org/10.1016/j.jcs.2017.08.016">https://doi.org/10.1016/j.jcs.2017.08.016</a>	4	2017	5240	<a href="https://www.sciencedirect.com/journal/journal-of-cereal-science">https://www.sciencedirect.com/journal/journal-of-cereal-science</a>
5	A comparison of optimization algorithms for standard benchmark functions.	Harpreet Singh, Birmohan Singh	Department of Computer Science and Engineering	International Journal of Advanced Research in Computer Science	5	2017	0976-5697	<a href="http://www.ijarcs.info/index.php/ijarcs/article/view/4584">http://www.ijarcs.info/index.php/ijarcs/article/view/4584</a>
6	A framework for enhancing the thermographic evaluation on characteristic areas for neuronal axonits detection	Jaipreet Singh and Ajaat Shatrui Arora	Electrical & Instrumentation Engineering	Infrared Physics & Technology <a href="https://doi.org/10.1016/j.infrared.2017.08.011">https://doi.org/10.1016/j.infrared.2017.08.011</a>	6	2017	1350-4495	<a href="https://www.sciencedirect.com/journal/infrared-physics-and-technology">https://www.sciencedirect.com/journal/infrared-physics-and-technology</a>
7	A Robust Anti-Spoofing Technique for Face Liveness Detection with Morphological Operations	Manninder Singh and Ajaat Shatrui Arora	Electrical & Instrumentation Engineering	Optik - International Journal for Light and Electron Optics <a href="https://doi.org/10.1016/j.ijleo.2017.04.004">https://doi.org/10.1016/j.ijleo.2017.04.004</a>	7	2017	1687-9384	<a href="https://www.sciencedirect.com/journal/optik-international-journal-for-light-and-electron-optics">https://www.sciencedirect.com/journal/optik-international-journal-for-light-and-electron-optics</a>
8	A robust technique of cubic Hermite collocation for solution of two phase non-linear model	Arora S, Kaur I, Kumar H, Kakreja VK	Mathematics	Journal of King Saud University-Engineering Science <a href="https://doi.org/10.1016/j.jksues.2015.06.003">https://doi.org/10.1016/j.jksues.2015.06.003</a>	8	2017	1018-3639	<a href="https://www.sciencedirect.com/journal/journal-of-king-saud-university-engineering-science">https://www.sciencedirect.com/journal/journal-of-king-saud-university-engineering-science</a>
9	A Scenario of IT based Agriculture Projects in India.	Major Singh, Harjinder Kaur	Department of Computer Science and Engineering	International Journal of Advanced Research in Computer Science <a href="https://doi.org/10.26483/ijarcs.481.2856">https://doi.org/10.26483/ijarcs.481.2856</a>	9	2017	0976-5697	<a href="https://www.ijarcs.info/index.php/ijarcs/article/view/4814">https://www.ijarcs.info/index.php/ijarcs/article/view/4814</a>
10	A taxonomic survey on load balancing in cloud	Major Singh, Avish Thakur	Department of Computer Science and Engineering	Journal of Network and Computer Applications <a href="https://doi.org/10.1016/j.jnca.2017.06.029">https://doi.org/10.1016/j.jnca.2017.06.029</a>	10	2017	1084-8045	<a href="https://www.sciencedirect.com/journal/journal-of-network-and-computer-applications">https://www.sciencedirect.com/journal/journal-of-network-and-computer-applications</a>
11	An Approach for Enhancement of Microcalcifications in Mammograms	Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Journal of Medical and Biological Engineering <a href="https://doi.org/10.1007/s40346-017-0276-7">https://doi.org/10.1007/s40346-017-0276-7</a>	11	2017	2199-4757	<a href="https://www.springer.com/journal/40346">https://www.springer.com/journal/40346</a>
12	An Approach for Enhancement of Microcalcifications in Mammograms	Birmohan Singh and Manpreet Kaur	Electrical & Instrumentation Engineering	Journal of Medical and Biological Engineering <a href="https://doi.org/10.1007/s40346-017-0276-7">https://doi.org/10.1007/s40346-017-0276-7</a>	12	2017	1609-0985	<a href="https://www.sciencedirect.com/journal/journal-of-medical-and-biological-engineering">https://www.sciencedirect.com/journal/journal-of-medical-and-biological-engineering</a>
13	An approach for feature selection using local searching and global optimization techniques	Sadhana Tiwari, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Neural Computing and Applications <a href="https://doi.org/10.1007/s00521-017-2959-y">https://doi.org/10.1007/s00521-017-2959-y</a>	13	2017	1433-3038	<a href="https://www.springer.com/journal/921">https://www.springer.com/journal/921</a>
14	An approach for feature selection using local searching and global optimization techniques	Sadhana Tiwari, Birmohan Singh and Manpreet Kaur	Electrical & Instrumentation Engineering	Neural Computing and Applications <a href="https://doi.org/10.1007/s00521-017-2959-y">https://doi.org/10.1007/s00521-017-2959-y</a>	14	2017	0941-0643	<a href="https://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective">https://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective</a>
15	An Assessment of the Functioning of Legal Services Authorities in India.	Neha, Pandop Kumar Jain	Management and Humanities	International Journal of Human Resource Management and Research.	15	2017	2249-7986	<a href="https://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective">https://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective</a>
16	Antioxidant activity, phenolic, carotenoid and color changes in packaged fresh carrots stored under refrigeration temperature	Haq, Raees-ul and Kamlesh Prasad	Food Engineering and Technology	Journal of Food Measurement and Characterization, 11(4): 1542-1549. <a href="https://doi.org/10.1007/s11694-017-9533-2">https://doi.org/10.1007/s11694-017-9533-2</a>	16	2017	2193-4126	<a href="https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization">https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization</a>
17	Assessment of nutritional, physicochemical, antioxidant, structural and rheological properties of spray dried turmeric pulp powder	Mazzaliar, K., Dar, B. N. and Kumar, P.	Food Engineering and Technology	Journal of Food Measurement and Characterization, 11(2): 746-757. <a href="https://doi.org/10.1007/s11694-016-9444-7">https://doi.org/10.1007/s11694-016-9444-7</a> (IF-2.8)	17	2017	2193-4134	<a href="https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization">https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization</a>
18	Ball convergence of the Newton-Gauss method in Banach space	Arzoo IK, Sharma RJ, Kumar D	Mathematics	SoMA Journal <a href="https://doi.org/10.1007/s40324-016-0091-z">https://doi.org/10.1007/s40324-016-0091-z</a>	18	2017	2254-3902	<a href="https://www.springer.com/journal/40324">https://www.springer.com/journal/40324</a>
19	Biopigment produced by Monascus purpureus MTCC 369 in submerged and solid fermentation.	Rachna Sacharw, Parmiti S. Panesar, Reeba Panesar and Anil Kumar	Food Engineering & Technology	Pigment and Resin Technology, 46(6), 425-432. (IF-1.263), <a href="https://doi.org/10.1108/PRT-10-2016-0095">https://doi.org/10.1108/PRT-10-2016-0095</a>	19	2017	3694220	<a href="https://www.emerald.com/insight/ISSN0167-6369">https://www.emerald.com/insight/ISSN0167-6369</a>
20	Black Hole Attack Detection Using Counters for AODV in MANET	Gurjinder Kaur, Rajni Rani	Department of Computer Science and Engineering	International Journal of Advanced Research in Computer Science	20	2017	0976-5697	<a href="http://www.ijarcs.info/index.php/ijarcs/article/view/5113">http://www.ijarcs.info/index.php/ijarcs/article/view/5113</a>
21	Changes in total phenolic content and color of bottle gourd ( <i>Lagenaria siceraria</i> ) juice upon conventional and ohmic blanching	Saheeh Bhat, Charanjiv Singh Saini and Harsh Kumar Sharma	Food Engineering and Technology	Food Science and Biotechnology, 26(1): 29-36. <a href="https://doi.org/10.1007/s10083-017-0004-7">https://doi.org/10.1007/s10083-017-0004-7</a>	21	2017	1226-7088	<a href="https://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective">https://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective</a>
22	Characterization of secondary metabolites from various solvent extracts of saffron floral water	Bashari Yousof, Parmiti S. Panesar, Harsh K. Chopra and Khalid Gul	Food Engineering & Technology	Proceedings of the National Academy of Science, India, Section B: Biological Sciences (87), 89-100. <a href="https://doi.org/10.1007/s40011-015-0547-4">https://doi.org/10.1007/s40011-015-0547-4</a> (IF-0.396).	22	2017	3698211	<a href="https://www.sciencedirect.com/journal/proceedings-of-the-national-academy-of-science-india-section-b-biological-sciences">https://www.sciencedirect.com/journal/proceedings-of-the-national-academy-of-science-india-section-b-biological-sciences</a>
23	Characterizing the pigmented traditional rice cultivars grown in temperate regions of Kashmir (India) for free and bound phenolics compounds and in vitro antioxidant properties.	Faham M Bhat, Charanjiv S Riaz	Food Engineering & Technology	Journal of the Science of Food and Agriculture, 76(7): 253-262 <a href="https://doi.org/10.1016/j.jcs.2017.06.018">https://doi.org/10.1016/j.jcs.2017.06.018</a>	23	2017	1097-0010	<a href="https://www.sciencedirect.com/journal/journal-of-the-science-of-food-and-agriculture">https://www.sciencedirect.com/journal/journal-of-the-science-of-food-and-agriculture</a>
24	Classification of Seizure Prone EEG Signal Using Amplitude and Frequency Based Parameters of Intrinsic Mode Functions	Manpreet Kaur and Garwinder Singh	Electrical & Instrumentation Engineering	Journal of Medical and Biological Engineering <a href="https://doi.org/10.1007/s40346-017-0275-8">https://doi.org/10.1007/s40346-017-0275-8</a>	24	2017	1609-0985	<a href="https://www.sciencedirect.com/journal/journal-of-medical-and-biological-engineering">https://www.sciencedirect.com/journal/journal-of-medical-and-biological-engineering</a>
25	Combined heat and power economic dispatch using integrated civilized swarm optimization and Powell's pattern search method	Nitin Narang, Era Sharma, and J.S Dhillon	Electrical & Instrumentation Engineering	Applied Soft Computing <a href="https://doi.org/10.1016/j.asoc.2016.12.046">https://doi.org/10.1016/j.asoc.2016.12.046</a>	25	2017	1568-4946	<a href="https://www.sciencedirect.com/journal/applied-soft-computing">https://www.sciencedirect.com/journal/applied-soft-computing</a>
26	Comparative analysis of bio-polymers addition on structural and physical properties of spray dried beetroot juice concentrate	Bazaria, B. and Kumar, P.	Food Engineering and Technology	Journal of Food Processing and Preservation, 41(6), e13232. <a href="https://doi.org/10.1111/jppp.13232">https://doi.org/10.1111/jppp.13232</a>	26	2017	1745-4549	<a href="https://www.sciencedirect.com/journal/journal-of-food-processing-and-preservation">https://www.sciencedirect.com/journal/journal-of-food-processing-and-preservation</a>
27	Comparative Analysis of Hybrid Models for Prediction of BP Reactivity to Crowd Log	Gurmit Kaur, Ajaat Shatrui Arora, and Vijender Kumar Jain	Electrical & Instrumentation Engineering	JOURNAL OF HEALTHCARE ENGINEERING <a href="https://doi.org/10.1155/2017/2187904">https://doi.org/10.1155/2017/2187904</a>	27	2017	2040-2298	<a href="https://www.sciencedirect.com/journal/journal-of-healthcare-engineering">https://www.sciencedirect.com/journal/journal-of-healthcare-engineering</a>
28	Comparative Analysis of Trace-Based Mobility Models in Mobile Ad-hoc Networks	Saiveer Kaur, Jagpal Singh Ubhi	ECE	International Journal of Research in Electronics and Computer Engineering.	28	2017	0876-5697	<a href="http://www.ijarcs.info/index.php/ijarcs/article/view/5113">http://www.ijarcs.info/index.php/ijarcs/article/view/5113</a>
29	Comparative study of various methods for extraction of antioxidants compound from bitter melon seed	Hannum S. Gamde, Parmiti S. Panesar and Ram K. Gulabawa	Food Engineering & Technology	International Journal of Current Microbiology and Applied Science (IJCMA) <a href="https://doi.org/10.1155/2017/2187904">https://doi.org/10.1155/2017/2187904</a>	29	2017	2319-7692	<a href="https://www.sciencedirect.com/journal/international-journal-of-current-microbiology-and-applied-science">https://www.sciencedirect.com/journal/international-journal-of-current-microbiology-and-applied-science</a>
30	Comparison of Genetic Algorithm, Particle Swarm Optimization and Biogeography-based Optimization for Feature Selection to Classify Clusters of Microcalcifications.	Baljit Singh Khobra, and Amar Paritap Singh Phawaha	ECE	Journal of the Institution of Engineers (India): Series B <a href="https://doi.org/10.1007/s4031-016-0236-8">https://doi.org/10.1007/s4031-016-0236-8</a>	30	2017	2250-2106 / 2250-2114	<a href="https://www.scopus.com/journalid/210834436">https://www.scopus.com/journalid/210834436</a>
31	Contextualizing Acculturation in Bharati Mukherjee's Desirable Daughters	Anupreet Kaur, Parveen Khanna, Arvind Khanna	Management and Humanities	International Journal of Research in Humanities, Arts and Literature.	31	2017		<a href="https://www.ijarcs.info/index.php/ijarcs/article/view/5113">https://www.ijarcs.info/index.php/ijarcs/article/view/5113</a>
32	Contractive maps on operator ideals and norm inequalities II	Aggarwal A, Kapil Y, Singh M	Mathematics	Linear Algebra and its Applications <a href="https://doi.org/10.1016/j.laa.2016.10.016">https://doi.org/10.1016/j.laa.2016.10.016</a>	32	2017	0024-3795	<a href="https://www.sciencedirect.com/journal/linear-algebra-and-its-applications">https://www.sciencedirect.com/journal/linear-algebra-and-its-applications</a>
33	Contractive maps on operator ideals and norm inequalities III	Aggarwal A, Kapil Y, Singh M	Mathematics	Linear Algebra and its Applications <a href="https://doi.org/10.1016/j.laa.2016.10.016">https://doi.org/10.1016/j.laa.2016.10.016</a>	33	2017	0024-3795	<a href="https://www.sciencedirect.com/journal/linear-algebra-and-its-applications">https://www.sciencedirect.com/journal/linear-algebra-and-its-applications</a>
34	Cross-Cultural Currents in V.S. Naipaul's A House of Mr. Biswas	Anupreet Kaur, Parveen Khanna, Arvind Khanna	Management and Humanities	International Refereed Journal of Literary Exploration	34	2017	2320-2101	<a href="http://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective">http://www.researchgate.net/publication/318748545-An-Assessment-of-the-Functioning-of-Legal-Services-Authorities-in-India-A-Theoretical-Perspective</a>
35	Design and Analysis of All Optical Up and Down Wavelength Converter Based on FWM of SOA-MZI for 60 Gbps RZ Data Signal	Yadav, Y. S. and K. Prasad	ECE	Photonics Network Communications <a href="https://doi.org/10.1007/s11107-017-0696-x">https://doi.org/10.1007/s11107-017-0696-x</a>	35	2017	1387-974X / 1572-8188	<a href="https://www.sciencedirect.com/journal/photonics-network-communications">https://www.sciencedirect.com/journal/photonics-network-communications</a>
36	Development and characterization of shelf stable quick cooking curries	Yadav, Y. S. and K. Prasad	Food Engineering and Technology	International Food Research Journal, 24(1): 465-470	36	2017	2231-7546	<a href="https://www.sciencedirect.com/journal/international-food-research-journal">https://www.sciencedirect.com/journal/international-food-research-journal</a>
37	Doabs on the Truth, Faith on the Suspicion: Adaptation of Othello in Othello	Ritu Mohan and Mahesh Kumar Arora	Management and Humanities	Quote Unquote: International Journal of Language, Humanities and Management	37	2017	2395-6092	<a href="http://ijlm.com/">http://ijlm.com/</a>
38	Drying kinetics of millet, pomegranate and wheat based pasta and its effect on microstructure, color, water absorption and pasting properties	Gall, A., K. Prasad and P. Kumar	Food Engineering and Technology	Journal of Food Measurement and Characterization, 11(2): 675-684. <a href="https://doi.org/10.1007/s11694-016-9437-6">https://doi.org/10.1007/s11694-016-9437-6</a>	38	2017	2193-4126	<a href="https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization">https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization</a>
39	Drying kinetics of millet, pomegranate and wheat based pasta and its effect on microstructure, color, water absorption and pasting properties	Gall, A., Prasad, K. and Kumar, P.	Food Engineering and Technology	Journal of Food Measurement and Characterization, 1(2), 675-684. <a href="https://doi.org/10.1007/s11694-016-9437-6">https://doi.org/10.1007/s11694-016-9437-6</a> (IF-2.8)	39	2017	2193-4134	<a href="https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization">https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization</a>
40	EACO and FABC to multi-path data transmission in wireless sensor networks	Rajeev Kumar, Dilip Kumar, and Dinesh Kumar	ECE	IFT Communications DOI: 10.1049/ift-com.2016.0859	40	2017	1751-8628 / 1751-8636	<a href="https://www.sciencedirect.com/journal/ift-communications">https://www.sciencedirect.com/journal/ift-communications</a>
41	Effect of dextrose equivalency of malto-dextrin together with gum Arabic on properties of encapsulated beetroot juice	Bazaria, B. and Kumar, P.	Food Engineering and Technology	Journal of Food Measurement and Characterization, 11(1), 156-163. <a href="https://doi.org/10.1007/s11694-016-9392-4">https://doi.org/10.1007/s11694-016-9392-4</a> (IF-2.8)	41	2017	2193-4134	<a href="https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization">https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization</a>
42	Effect of dietary fiber enrichment and different cooking methods on quality of chicken nuggets	Asish Kumar Pathera, Charanjiv Singh Riaz, Sanjay Yadav, and Pradeep Kumar Saini	Food Engineering & Technology	Korean Journal of Food Science and Animal Resources <a href="http://dx.doi.org/10.5851/kfs.2018.023">http://dx.doi.org/10.5851/kfs.2018.023</a>	42	2017	2636-0772	<a href="https://www.sciencedirect.com/journal/korean-journal-of-food-science-and-animal-resources">https://www.sciencedirect.com/journal/korean-journal-of-food-science-and-animal-resources</a>
43	Effect of gamma irradiation on structural, molecular, thermal and rheological properties of sunflower protein isolate	M.A. Malik, H.K. Sharma and Charanjiv Singh Saini	Food Engineering and Technology	Food Hydrocolloid, 72, 312-322. <a href="https://doi.org/10.1016/j.foodhyd.2017.06.011">https://doi.org/10.1016/j.foodhyd.2017.06.011</a>	43	2017	0268-005X	<a href="https://www.sciencedirect.com/journal/food-hydrocolloid">https://www.sciencedirect.com/journal/food-hydrocolloid</a>
44	Effect of germination on chemical, functional and nutritional characteristics of wheat, brown rice and triticale: a comparative study.	Mandeep S Sibani, Dharmesh C Saxena, Charanjiv Riaz	Food Engineering & Technology	Journal of the Science of Food and Agriculture, 97(10), 4643-4651 <a href="https://doi.org/10.1002/jsfa.8336">https://doi.org/10.1002/jsfa.8336</a>	44	2017	1097-0010	<a href="https://www.sciencedirect.com/journal/journal-of-the-science-of-food-and-agriculture">https://www.sciencedirect.com/journal/journal-of-the-science-of-food-and-agriculture</a>
45	Effect of germination on nutritional, functional, pasting, and microstructural properties of chenopodium (Chenopodium album) flour	Jan, R., Saxena, D. C., & Singh, S.	Food Engineering & Technology	Journal of Food Processing and Preservation 41(3), e12959. <a href="https://doi.org/10.1111/jppp.12959">https://doi.org/10.1111/jppp.12959</a>	45	2017	1745-4549	<a href="https://www.sciencedirect.com/journal/journal-of-food-processing-and-preservation">https://www.sciencedirect.com/journal/journal-of-food-processing-and-preservation</a>
46	Effect of particle size, shape and surface roughness on bulk and shear properties of rice flour	Shumaila Jaha, Chinmay Ghosh, D.C. Saxena	Food Engineering & Technology	Journal of Cereal Science <a href="https://doi.org/10.1016/j.jcs.2017.04.015">https://doi.org/10.1016/j.jcs.2017.04.015</a>	46	2017	0733-5210	<a href="https://www.sciencedirect.com/journal/journal-of-cereal-science">https://www.sciencedirect.com/journal/journal-of-cereal-science</a>
47	Effect of processing parameters on quality attributes of fried banana chips	Wani, S. A., Sharma, V. and Kumar, P.	Food Engineering and Technology	International Food Research Journal, 24(4), 1407. <a href="http://ajps.ajpsonline.com/2017/04/04/1407-1415/1407-1415.pdf">http://ajps.ajpsonline.com/2017/04/04/1407-1415/1407-1415.pdf</a>	47	2017	2231-7546	<a href="https://www.sciencedirect.com/journal/international-food-research-journal">https://www.sciencedirect.com/journal/international-food-research-journal</a>
48	Effect of sprouting on physical properties, morphology and flowability of onion powder	Bhraj Majid and Vikas Nanda	Food Engineering and Technology	Journal of Food Measurement and Characterization, 11(4):2033-204. Impact Factor: 3.006. <a href="https://doi.org/10.1007/s11694-017-9586-2">https://doi.org/10.1007/s11694-017-9586-2</a>	48	2017	2193-4126	<a href="https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization">https://www.sciencedirect.com/journal/journal-of-food-measurement-and-characterization</a>
49	Effect of thermal and alternate thermal processing on bottle gourd ( <i>Lagenaria siceraria</i> ) juice	Saheeh Bhat, Charanjiv Singh Saini, Manish Kumar and Harsh Kumar Sharma	Food Engineering and Technology	Journal of Food Processing and Preservation, 41(3): 1-9. <a href="https://doi.org/10.1111/jppp.12911">https://doi.org/10.1111/jppp.12911</a>	49	2017	1745-4549	<a href="https://www.sciencedirect.com/journal/journal-of-food-processing-and-preservation">https://www.sciencedirect.com/journal/journal-of-food-processing-and-preservation</a>
50	Electrically Small Microstrip Patch Antenna Loaded with Spiral Resonator for Wireless Applications	Rajni and Anupma Marwaha	ECE	Journal of Wireless Personal Communications <a href="https://doi.org/10.1007/s11277-017-4315-z">https://doi.org/10.1007/s11277-017-4315-z</a>	50	2017	0929-6212 / 1572-834X	<a href="https://www.sciencedirect.com/journal/journal-of-wireless-personal-communications">https://www.sciencedirect.com/journal/journal-of-wireless-personal-communications</a>
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52	Evaluation of various properties of composite flour from oats, sorghum, amaranth and wheat flour and production of cookies thereof	Raham M. and Charanjiv Singh Saini	Food Engineering and Technology	International Food Research Journal, 24(6): 2278-2284. <a href="http://ajps.ajpsonline.com/2017/06/06/2278-2284/2278-2284.pdf">http://ajps.ajpsonline.com/2017/06/06/2278-2284/2278-2284.pdf</a>	52	2017	2231-7546	<a href="https://www.sciencedirect.com/journal/international-food-research-journal">https://www.sciencedirect.com/journal/international-food-research-journal</a>
53	Exigency Analysis of State Road Transport System in India	Seema, Pawan Kumar Dhiman	Management and Humanities	Asian Journal of Science and Technology	53	2017	0976-5376	<a href="https://www.asianjournal.com/sites/default/files/issue-53/09765376.pdf">https://www.asianjournal.com/sites/default/files/issue-53/09765376.pdf</a>
54	Experimental modeling and simulation of supercritical fluid extraction of moringa oleifera seed oil by carbon dioxide	Anni Razi, Bikash Mohanty, Ravindra Bhargava	Chemical Engineering	Chemical Engineering Communications <a href="https://doi.org/10.1080/00986445.2017.1328415">https://doi.org/10.1080/00986445.2017.1328415</a>	54	2017	1563-5201	<a href="https://www.scopus.com/journalid/detail.url?pathid=56025473000">https://www.scopus.com/journalid/detail.url?pathid=56025473000</a>
55	Extraction, identification and assessment of antioxidant compounds of bear extracts of traditional rice cultivars: An analytical approach	Faham M Bhat, Charanjiv S Riaz	Food Engineering & Technology	Food Chemistry, 237(12), 264-274. DOI:10.1016/j.foodchem.2017.05.113	55			

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58	Fractionate Assessment of Elemental Composition in Different Mango Cultivars to Estimate Nutrient Losses through Crop Removal	Sinha, R. M. Fera Ahmad, U.S. Jaiswal, Ghanshyam Singh, M. Wasim Siddiqui and K. Prasad	Food Engineering and Technology	Asian Journal of Chemistry, 29(1): 09-Dec	58	2017	0970-7077	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
59	Gamma irradiation of alkali extracted protein isolate from dephenolized sunflower meal	M.A. Malik and Charanjiv Singh Saini	Food Engineering and Technology	LWT-Food Science and Technology, 84:204-211. <a href="https://doi.org/10.1016/j.lwt.2017.05.067">https://doi.org/10.1016/j.lwt.2017.05.067</a>	59	2017	0023-6438	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
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61	Grievance Redressal in Life Insurance Sector - Role of IRDAI	Pawan Kumar Dhimant	Management and Humanities	International Journal of Engineering Technology, Management and Applied Sciences DOI: 10.21276/ijems.2016.1.3.3	61	2017	2321-8878	<a href="https://www.ansinetjournal.in/journals/International-Journals/International-Journal-of-Research-in-Tourism/Articles-And-Literature">https://www.ansinetjournal.in/journals/International-Journals/International-Journal-of-Research-in-Tourism/Articles-And-Literature</a>
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63	Human Detection using Robust Feature Set of HOG and LBP with SVM	Pratishtha Verma, Manminder Singh, Birmohan Singh	Department of Computer Science and Engineering	International Journal of Advances in Computing Technology DOI: 10.1109/TEL-NET.2017.8343324	63	2017	2233-9337	<a href="https://www.scopus.com/journal/4374200084">https://www.scopus.com/journal/4374200084</a>
64	Hybrid heuristic search method for design of digital IR filter with conflicting objectives	D. S. Sidhu, J. S. Dhillon and Dalveer Kaur	Electrical & Instrumentation Engineering	Soft Computing <a href="https://doi.org/10.1007/s00501-015-2023-8">https://doi.org/10.1007/s00501-015-2023-8</a>	64	2017	1432-7643	Consortium for Academic and Research Ethics (unipune.ac.in)
65	Improved Newton-like methods for solving systems of nonlinear equations	Sharma JR, Arora H	Mathematics	SeMA Journal <a href="https://doi.org/10.1007/s40324-016-0085-x">https://doi.org/10.1007/s40324-016-0085-x</a>	65	2017	2254-3902	<a href="https://www.springer.com/journal/40324">https://www.springer.com/journal/40324</a>
66	Influence of Drying Kinetics on Moisture Diffusivity, Carotene Degradation and Nonsynthetic Browning of Pretreated and Untreated Carrot Shreds	Haq, R., P. Kumar and K. Prasad	Food Engineering and Technology	Journal of Food Processing and Preservation, 41(2): e12785. <a href="https://doi.org/10.1111/jfpp.12785">https://doi.org/10.1111/jfpp.12785</a>	66	2017	1745-4549	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
67	Influence of drying kinetics on moisture diffusivity, carotene degradation and nonsynthetic browning of pretreated and untreated carrot shreds: effect of drying on carotene and non enzymatic browning	Haq, R., Kumar, P. and Prasad, K.	Food Engineering and Technology	Journal of Food Processing and Preservation41(2), e12785. <a href="https://doi.org/10.1111/jfpp.12785">https://doi.org/10.1111/jfpp.12785</a>	67	2017	1745-4549	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
68	Integrated cat swarm optimization and differential evolution algorithm for optimal IR filter design in multi-objective framework	Kamalpreet Kaur Dhaliwal and Jaspreet Singh Dhillon	Electrical & Instrumentation Engineering	Circuits, Systems, and Signal Process <a href="https://doi.org/10.1007/s00034-016-0304-9">https://doi.org/10.1007/s00034-016-0304-9</a>	68	2017	0278-081X	Consortium for Academic and Research Ethics (unipune.ac.in)
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70	Limitations on Hybrid WDM-OTDM Multicast Overlay System Imposed by Nonlinear Polarization Effect and its Mitigation	Sukhbir Singh and Surinder Singh	ECE	IEEE Photonics Journal, <a href="http://doi.org/10.1109/JPHOT.2017.2750483">http://doi.org/10.1109/JPHOT.2017.2750483</a>	70	2017	1943-0655 / 1943-0647	<a href="https://ml.clarivate.com/search-results?issn=1943-0655&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1943-0655&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
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80	On compensation of four wave mixing effect in dispersion managed hybrid WDM-OTDM multicast overlay system with optical phase conjugation modules	Sukhbir Singh and Surinder Singh	ECE	Optical Fiber Technology <a href="https://doi.org/10.1016/j.yofte.2017.08.005">https://doi.org/10.1016/j.yofte.2017.08.005</a>	80	2017	1068-5200 / 1095-9912	<a href="https://ml.clarivate.com/search-results?issn=1068-5200&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1068-5200&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
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97	Response surface optimization for cellulose production from agro-industrial waste by using new bacterial isolate <i>Glucoamobacter xylinus</i> C18	Oxchand Singh, Parmiji S. Panesar and Harish K. Chopra	Food Engineering & Technology	Food Science and Biotechnology, 26(4), 1019-1028. (IF-3.231), <a href="https://doi.org/10.1007/s10068-017-0143-x">https://doi.org/10.1007/s10068-017-0143-x</a>	97	2017	1226-7708	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
98	Response Surface Optimization of Rice Straw Treatment with Oxalic Acid For Production of Xylose, Cellulose and Lignin	Sinha, A. S. K., Dhanraj, R. R.	Chemical Engineering	International Journal of chemical Engineering Research	98	2017	16878078	<a href="https://www.researchgate.net/publication/316717171/abstract">https://www.researchgate.net/publication/316717171/abstract</a>
99	Screening of media components and process parameters for production of L(+)-lactic acid from potato waste liquid using amylolytic <i>Rhizopus oryzae</i> .	Parmiji S. Panesar and Shubhroto Kar	Food Engineering & Technology	Acta Alimentaria, 46(3), 312-322. <a href="https://doi.org/10.1556/066.2016.0013">https://doi.org/10.1556/066.2016.0013</a> , (IF-1.000)	99	2017	1393006	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
100	Simulation of combustion space heat transfer of glass melting furnace	Abhik Banerjee, Anil Rai, Bikash Mohanty, Varun	Chemical Engineering	Heat Transfer - Asian Research <a href="https://doi.org/10.1002/hj.21231">https://doi.org/10.1002/hj.21231</a>	100	2017	10992871	<a href="https://www.scopus.com/journalDetail.url?authorid=56025473609">https://www.scopus.com/journalDetail.url?authorid=56025473609</a>
101	Simulation of Supercritical Fluid Extraction of Essential Oil from Natural Products	Anil Rai, Ravindra Bhargava, Bikash Mohanty	Chemical Engineering	Journal of Applied Research on Medicinal and Aromatic Plants <a href="https://doi.org/10.1016/j.jarmp.2016.09.005">https://doi.org/10.1016/j.jarmp.2016.09.005</a>	101	2017	2214-7861	<a href="https://www.scopus.com/journalDetail.url?authorid=56025473609">https://www.scopus.com/journalDetail.url?authorid=56025473609</a>
102	Some physico-chemical properties of germinated and un-germinated buckwheat ( <i>Fagopyrum esculentum</i> L.)	Nain Devarjan, Prem Prakash and Navdeep Jindal	Food Engineering and Technology	International Journal of Science, Environment and Technology, 6(2), 1491-1501	102	2017	1735-1472 (print) 1735-2630 (web)	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
103	Spray drying of tamarind pulp: effect of process parameters using protein as carrier agent	Muzzalir, K. and Kumar, P.	Food Engineering and Technology	Journal of Food Processing and Preservation, 41(2), e12781. <a href="https://doi.org/10.1111/jfpp.12781">https://doi.org/10.1111/jfpp.12781</a>	103	2017	1745-4549	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
104	Square Patch Antenna with Fractal DGS for Band Notch Function	S Kakkur, TS Karim, Amar Parthap Singh Pharoowa	ECE	Indian Journal of Science and Technology <a href="http://DOI:10.17485/ijst/2017/10(31)/114217">http://DOI:10.17485/ijst/2017/10(31)/114217</a>	104	2017	0974-6846 / 0974-5645	<a href="https://inl.clarivate.com/search-results?issn=0974-6846&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://inl.clarivate.com/search-results?issn=0974-6846&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
105	Structural, thermal and rheological properties of starches isolated from Indian quinoa varieties.	Khan N. Jan, Parmiji S. Panesar, Ju C. Ram and Sukhcham Singh	Food Engineering & Technology	International Journal of Biological Macromolecules, 102, 315-322. <a href="https://doi.org/10.1016/j.ijbmac.2017.04.027">https://doi.org/10.1016/j.ijbmac.2017.04.027</a> (IF-8.025)	105	2017	0141-8130	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
106	Studies of the diffractive photoproduction of isolated photons at HERA			PHYSICAL REVIEW D <a href="https://doi.org/10.1103/PhysRevD.96.032006">https://doi.org/10.1103/PhysRevD.96.032006</a>	106	2017	2470-0010	Physical Review D (aps.org)
107	Studies of total bremsstrahlung spectra in the oxides of lanthanides	Singh, Anrit, Singh, Tajinder, Dhaliwal, A. S.	Physics	RADIATION PHYSICS AND CHEMISTRY <a href="https://doi.org/10.1016/j.radphyschem.2017.07.017">https://doi.org/10.1016/j.radphyschem.2017.07.017</a>	107	2017	0969-806X	Radiation Physics and Chemistry - Journal - Elsevier
108	Studies on chitosan based super hydrophilic adsorbent for phasing out Rhodamine 6G dye and Cd <sup>2+</sup> ions from aqueous solutions	Navneet Bhullar, K. Kumari and Dhiring Sod	Chemical Engineering	Desalination and Water Treatment <a href="http://doi:10.5004/dwt.2017.21575">http://doi:10.5004/dwt.2017.21575</a>	108	2017	1944-3994	<a href="https://www.scopus.com/journalDetail.url?authorid=57108199454">https://www.scopus.com/journalDetail.url?authorid=57108199454</a>
109	Studies on Power Ultrasound Process Optimization and Its Comparative Analysis with Conventional Thermal Processing for Treatment of Raw Honey.	Sandeep Janghu, Manab B. Bera, Vikas Nanda and Ashish Rawson	Food Engineering and Technology	Food Technology and Biotechnology, 55(4), DOI: 10.17113/ftb.55.04.17.5263	109	2017	20926456, 12267708	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
110	Study of Esterification of Waste Cooking Oil using Solid Acid Catalyst Derived from Coconut Coir	Ankush Sotakke & Pushpa Jha	Chemical Engineering	International Journal of Engineering and Management Research	110	2017	2394-6962.	<a href="https://www.indianjournals.com/issn.aspx?target=journal&amp;volume=7&amp;issue=3&amp;article=626">https://www.indianjournals.com/issn.aspx?target=journal&amp;volume=7&amp;issue=3&amp;article=626</a>
111	Study on Power Ultrasound Optimization and Its Comparison with Conventional Thermal Processing for Treatment of Raw Honey	Janghu, Sandeep; Bera, Manab B.; Nanda, Vikas; Rawson, Ashish	Food Engineering & Technology	Food technology & Biotechnology, 55.4, <a href="https://doi.org/10.17113/ftb.55.04.17.5263">https://doi.org/10.17113/ftb.55.04.17.5263</a>	111	2017	3330-9862	
112	Study on the effect of esterification on physicochemical, pasting, morphological and thermal properties of buckwheat starch ( <i>Fagopyrum esculentum</i> ).	Madhu, Y. S. Yadav and Navdeep Jindal	Food Engineering and Technology	Chemical Science Review and Letters/	112	2017	2278-6783	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
113	Surrogate worth trade-off method for multi-objective thermal power load dispatch	Nirbhay Jap Singh, J. S. Dhillon, and D.P. Kothari	Electrical & Instrumentation Engineering	Energy <a href="https://doi.org/10.1016/j.energy.2017.07.063">https://doi.org/10.1016/j.energy.2017.07.063</a>	113	2017	0360-5442	Consentium for Academic and Research Ethics (outprint.ac.in)
114	Synthesis and characterization of titanium doped barium ferrite and effects of doping on electrical and magnetic properties of the compound	S.S. Ghuman	Physics	FERROELECTRICS <a href="https://doi.org/10.1080/00150193.2017.1361215">https://doi.org/10.1080/00150193.2017.1361215</a>	114	2017	150193	Ferroelectrics: Vol 597, No 1 (Current issue) (tandfonline.com)
115	Synthesis of chitosan based gel and study of swelling characteristics	Navneet Bhullar, K. Kumari and Dhiring Sod	Chemical Engineering	Indian Journal of Chemical Technology <a href="http://DOI:10.56042/ijct.v24i5.13795">http://DOI:10.56042/ijct.v24i5.13795</a>	115	2017	0975-0991	<a href="https://www.scopus.com/journalDetail.url?authorid=57108199454">https://www.scopus.com/journalDetail.url?authorid=57108199454</a>
116	Synthesis, spectroscopic analysis and theoretical study of new pyridine-isoaxanzoline derivatives	Himanshu Rani, Prof. R N Singh	Chemistry	Journal of molecular structure <a href="https://doi.org/10.1016/j.molstruc.2016.09.042">https://doi.org/10.1016/j.molstruc.2016.09.042</a>	116	2017	0022-2860	
117	The Unification of Literary and Spiritual Values in Indian English Inscriptions: A Discourse on the Beyond	Gaureep Singh, Mahesh Kumar Arora	Management and Humanities	Quote Unquote: International Journal of Language, Humanities and Management	117	2017	2395-6092	<a href="http://ijahms.com/">http://ijahms.com/</a>
118	Theme of Resistance to Racial and Gender Oppression in the Selected Poems of Maya Angelou, "The Criterion	Ruby Jindal, Jap preet Kaur Bhangu	Management and Humanities	An International Journal in English Vol. 8 Issue II	118	2017	2582-4406	<a href="https://www.the-criterion.com/V8/n2/AM03.pdf">https://www.the-criterion.com/V8/n2/AM03.pdf</a>
119	Thick target total bremsstrahlung spectra of lead compounds in the photon energy region 1-10 keV by Sr-90 beta particles	Sharma, Subansar Jit, Singh, Tajinder, Singh, Doondarshi, Singh, Anrit, Dhaliwal, A. S.	Physics	APPLIED RADIATION AND ISOTOPES <a href="https://doi.org/10.1016/j.apradiso.2017.09.010">https://doi.org/10.1016/j.apradiso.2017.09.010</a>	119	2017	0969-8043	Applied Radiation and Isotopes   Journal   ScienceDirect.com by Elsevier
120	Total bremsstrahlung spectra of thick lead compounds produced by Sr-90 beta emitter in photon energy region of 10-100 keV	Sharma, Subansar Jit, Singh, Tajinder, Singh, Doondarshi, Singh, Anrit, Dhaliwal, A. S.	Physics	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS <a href="https://doi.org/10.1016/j.nimb.2017.04.027">https://doi.org/10.1016/j.nimb.2017.04.027</a>	120	2017	0168-585X	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms - Journal   ScienceDirect.com by Elsevier
121	Total phenolic content, antioxidant activity and anthocyanin profile of sprouted onion powder.	Ishrat Majid and Vikas Nanda	Food Engineering and Technology	Acta Alimentaria, An International Journal of Food Science, 47 (1), 52-60. IF-1.08, <a href="https://doi.org/10.1556/066.2017.0006">https://doi.org/10.1556/066.2017.0006</a>	121	2017	01393006, 15882535	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
122	Towards comparative evaluation of trust and reputation models over static, dynamic and oscillating wireless sensor networks	Vinod Kumar Verma, Surinder Singh, and N.P. Pathak	Department of Computer Science and Engineering, Department of Electronics and Communication Engg.	SPRINGER Wireless Networks: <a href="https://doi.org/10.1007/s11276-015-1144-4">https://doi.org/10.1007/s11276-015-1144-4</a>	122	2017	1022-0038	<a href="https://www.springer.com/journal/141276">https://www.springer.com/journal/141276</a>
123	Two Stage Grid Classification Based Algorithm for the Identification of Fields Under a Wireless Sensor Network Monitored Area	Tripathi Singh Panag and J. S. Dhillon	Electrical & Instrumentation Engineering	Wireless Personal Communications - <a href="https://doi.org/10.1007/s11277-016-3813-8">https://doi.org/10.1007/s11277-016-3813-8</a>	123	2017	0929-6212	Consentium for Academic and Research Ethics (outprint.ac.in)
124	Ultrasound assisted Modification of the Polysaccharides	Pawan Kumar, Harish Chopra, Kamlesh Kumari	Chemical Engineering	International Journal of Advanced Research in Science and Engineering	124	2017	2456-1908	<a href="http://www.ijarse.com/images/pdf/pdf/1510996790_108_IARSE.pdf">http://www.ijarse.com/images/pdf/pdf/1510996790_108_IARSE.pdf</a>
125	Using combined optimization, GC-MS and analytical technique to analyze the germination effect on phenolics, dietary fibers, minerals and GABA contents of Kodo millet ( <i>Paspalum scrobiculatum</i> ).	Seema Sharma, Dhamesh C Saxena, Charanjit S Riar	Food Engineering & Technology	Food Chemistry, 233 (10), 20-28, <a href="https://doi.org/10.1016/j.foodchem.2017.04.099">https://doi.org/10.1016/j.foodchem.2017.04.099</a>	125	2017	0308-8146	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
126	Vanillin formation by electrooxidation of lignin on stainless steel anode: kinetics and byproducts	Singh, S., and Ghatkoti H.R.,	Chemical Engineering	Journal of Wood Chemistry and Technology <a href="https://doi.org/10.1080/02773841.2017.1310809">https://doi.org/10.1080/02773841.2017.1310809</a>	126	2017	1532-2319	<a href="https://www.scopus.com/journalDetail.url?authorid=57205511916">https://www.scopus.com/journalDetail.url?authorid=57205511916</a>
127	Analysis of the SIRP epidemic model with anti-worm patching	Utkarsh Niranjani, Ramesh Kumar Agrawal, Brejesh Lalit	Department of Computer Science and Engineering	International Journal of Computer Mathematics: Computer Systems Theory <a href="https://doi.org/10.1080/23799927.2018.1479314">https://doi.org/10.1080/23799927.2018.1479314</a>	1	2018	2379-9935	<a href="https://www.tandfonline.com/loc/olc/olc020/current">https://www.tandfonline.com/loc/olc/olc020/current</a>
128	"Chaos and Disorder in Women's Life during Division of India"	Anita Rani and Mahesh Kumar Arora	Management and Humanities	International Journal of Research in Humanities, Arts and Literature	2	2018	2347-4564	<a href="https://www.anjalijournals.in/journals/International-Journals/International-journal-of-research-in-humanities-arts-and-literature">https://www.anjalijournals.in/journals/International-Journals/International-journal-of-research-in-humanities-arts-and-literature</a>
129	"Performance Analysis of DE-QPSK and M-QPSK with MRC Receiver over $\alpha$ - $\beta$ Fading Channel	Kiranpreet Kaur, TS Kamal, J S Ubbi	ECE	International Journal of Computer Applications	3	2018		<a href="https://inl.clarivate.com/search-results?issn=1532-4137&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://inl.clarivate.com/search-results?issn=1532-4137&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
130	"What work" and "What doesn't work" in the rehabilitation of offender: A General Perspective.	Pandeep Kumar Jain, Simrjit Kaur, Neha, Bhanu Malhotra "	Management and Humanities	International Journal of Business Management and Research (IJBMR).	4	2018	2347-4696	<a href="https://www.researchgate.net/publication/348621702/WHAT_WORK_AND_WHAT_DOESNT_WORK_IN_REHABILITATION_OF_OFFENDERS_A_GENERAL_PERSPECTIVE">https://www.researchgate.net/publication/348621702/WHAT_WORK_AND_WHAT_DOESNT_WORK_IN_REHABILITATION_OF_OFFENDERS_A_GENERAL_PERSPECTIVE</a>
131	A STUDY ON AWARENESS TOWARDS LEGAL AID AMONG GENERAL PEOPLE IN SELECTED RURAL REGIONS OF PUNJAB	Neha and Pandeep Kumar Jain	Management and Humanities	The Catalyst- Journal of Management.	5	2018	2455-7927	<a href="https://www.researchgate.net/publication/348621506/A_STUDY_ON_AWARENESS_TOWARDS_LEGAL_AID_AMONG_GENERAL_PEOPLE_IN_SELECTED_RURAL_REGIONS_OF_PUNJAB">https://www.researchgate.net/publication/348621506/A_STUDY_ON_AWARENESS_TOWARDS_LEGAL_AID_AMONG_GENERAL_PEOPLE_IN_SELECTED_RURAL_REGIONS_OF_PUNJAB</a>
132	A biopolymer-based composite hydrogel for rhodamine 6G dye removal: its synthesis, adsorption isotherms and kinetics	Navneet Bhullar, Kamlesh Kumari & Dhiring Sod	Chemistry	Iranian Polymer Journal <a href="https://doi.org/10.1007/s13726-018-0630-9">https://doi.org/10.1007/s13726-018-0630-9</a>	6	2018	71552428	<a href="https://doi.org/10.1007/s13726-018-0630-9">https://doi.org/10.1007/s13726-018-0630-9</a>
133	A comparative study to evaluate the corrosion performance of Zn incorporated Cr3C2(NiCr) coating at 900 °C	Lalit Ahuja, Deepa Mudgal, Surendra Singh, Satya Prakash	Mechanical	Ceramics International <a href="https://doi.org/10.1016/j.ceramint.2018.01.047">https://doi.org/10.1016/j.ceramint.2018.01.047</a>	7	2018	0272-8842	<a href="https://www.journals.elsevier.com/ceramics-international">https://www.journals.elsevier.com/ceramics-international</a> <a href="https://inl.clarivate.com/search-results?issn=0272-8842&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://inl.clarivate.com/search-results?issn=0272-8842&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>



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184	Effect of addition of different levels of $\beta$ -glucan from minor millet on the functional, textural and sensory characteristics of cake, premix and cake.	S Sharma, DC Saxena, CS Riari.	Food Engineering & Technology	Journal of Food Measurement and Characterization Vol.12 (2), June, 2018, 1186-1194. <a href="https://doi.org/10.1007/s11694-018-9732-5">https://doi.org/10.1007/s11694-018-9732-5</a>	58	2018		<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
185	Effect of Copper and Magnesium Stoichiometric Additions and Thermal Aging on the Mechanical Properties of Cast Aluminum Alloys	R Kumar, V Sahni	Mechanical	Indian Journal of Science and Technology <a href="https://doi.org/10.1007/s11694-018-9732-5">https://doi.org/10.1007/s11694-018-9732-5</a>	59	2018	0974-5645	<a href="https://indjst.org/archives">https://indjst.org/archives</a> <a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
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188	Effect of extrusion cooking on colour (L*, a*, b*) of germinated buckwheat-corn based snacks.	Naini Devrajan, Prem Prakash and Navdeep Jindal	Food Engineering and Technology	International Journal of Current Microbiology and Applied Sciences <a href="http://doi:7.2018/3413-3424">http://doi:7.2018/3413-3424</a> .	62	2018	2319-7706	
189	Effect of extrusion cooking on functional properties of germinated buckwheat-corn based snacks using RSM.	Naini Devrajan, Prem Prakash, Navdeep Jindal and Shashi Kala	Food Engineering and Technology	Journal of Pharmacognosy and Phytochemistry, 7(2), 3112-3118. <a href="https://www.phytojournal.com/archives/2018/vol7issue2/PartAR/7-2-343-580.pdf">https://www.phytojournal.com/archives/2018/vol7issue2/PartAR/7-2-343-580.pdf</a>	63	2018	P: 2349-8234	
190	Effect of microwave treatment on dehydration kinetics and moisture diffusivity of Asiatic-Himalayan black carrot	Hajj, Raees-ul, Pradyuman Kumar and Kamlesh Prasad	Food Engineering and Technology	Journal of the Saudi Society of Agricultural Sciences, 17(4): 463-470. <a href="https://doi.org/10.1016/j.jssas.2016.11.004">https://doi.org/10.1016/j.jssas.2016.11.004</a>	64	2018	1658-077X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
191	Effect of parboiling and puffing processes on the physicochemical, functional, optical, pasting, thermal, textural and structural properties of selected indica rice	Kumar, Shiv and Kamlesh Prasad	Food Engineering and Technology	Journal of Food Measurement and Characterization, 12(3): 1707-1722. <a href="https://doi.org/10.1007/s11694-018-9786-4">https://doi.org/10.1007/s11694-018-9786-4</a>	65	2018	2193-4126	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
192	Effect of particle and surface properties on flowability of rice flour	S Jan, V Karde, C Ghosh, DC Saxena	Food Engineering & Technology	Food Bioscience, (28) 38-48. <a href="https://doi.org/10.1016/j.food.2018.03.001">https://doi.org/10.1016/j.food.2018.03.001</a>	66	2018	2212-4292	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
193	Effect of weld cooling rates on mechanical and metallurgical properties of submerged arc welded pressure vessel steel	Harish Kumar Arya, Kulwant Singh, Ravinder K Saxena	Mechanical	Journal of Pressure Vessel Technology <a href="https://doi.org/10.1115/1.4040024">https://doi.org/10.1115/1.4040024</a>	67	2018	ISSN 0094-9930	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
194	Efficient methods of optimal eighth and sixteenth order convergence for solving nonlinear equations	Sharma JR, Kumar S	Mathematics	SeMA Journal <a href="https://doi.org/10.1007/s40324-017-0131-3">https://doi.org/10.1007/s40324-017-0131-3</a>	68	2018	2254-9902	<a href="https://www.springer.com/journal/45324">https://www.springer.com/journal/45324</a>
195	Elicited effect of microwave absorption mechanisms in Co-Ga substituted Ba-Sr hexaferrites in X-band	Harsimrat Kaur, Charanjiv Singh, Anupma Marwaha	ECE	Journal of Material Science: Materials in Electronics (JMSE) <a href="https://doi.org/10.1007/s10854-018-9638-3">https://doi.org/10.1007/s10854-018-9638-3</a>	69	2018	0957-4522 / 1573-482X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
196	Enantioselective Reduction Reactions Using Chiral Ionic Liquids: An Overview	Avtar Singh, Nimitajet Kaur, Harish Kumar Chopra	Chemistry	Current Organic Synthesis <a href="https://doi.org/10.1007/978-1-5666180427111428">https://doi.org/10.1007/978-1-5666180427111428</a>	70	2018	1570-1794	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
197	ENERGY EFFICIENT TECHNIQUE FOR DETECTION AND PREVENTION OF BLACKHOLE ATTACK IN WIRELESS SENSOR NETWORK	Garudkar Kaur, VK Jain, Yogesh Chhaba	Department of Computer Science and Engineering	Ciencia e Technica Vitivimicola <a href="https://doi.org/10.1007/978-3-319-69155-8_8">https://doi.org/10.1007/978-3-319-69155-8_8</a>	71	2018	2416-3953	<a href="https://www.springer.com/journal/95016">https://www.springer.com/journal/95016</a>
198	Energy Preserving Remote Supervised Room An Improved Room Automation System	Gaurav Tripathi, Damanpreet Singh	Department of Computer Science and Engineering	Paramas Research Journal	72	2018	2249-2976	<a href="https://www.paramasresearch.org/PDF-9-95016-2018/">https://www.paramasresearch.org/PDF-9-95016-2018/</a> <a href="https://www.paramasresearch.org/gallery/jur-2018.pdf">https://www.paramasresearch.org/gallery/jur-2018.pdf</a>
199	Enhanced efficiency of thin film GaAs solar cells with plasmonic metal nanoparticles	Singh, Gurjit, Verma, S. S.	Physics	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS <a href="https://doi.org/10.1080/15567036.2017.1407840">https://doi.org/10.1080/15567036.2017.1407840</a>	73	2018	1556-7036	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects: Vol 44, No 4 (Current Issue) (tandfonline.com)
200	Enhancement of the Performance Parameters of Microstrip Slotted Patch Antenna using Defected Ground Structure	Ashish Kumar, Amar Partap Singh Pharwaha	ECE	International Journal of Engineering Trends and Technology (IJETT)	74	2018	2231-5381	<a href="http://www.ijett.net/vol18/issue11/20181107-0929717">http://www.ijett.net/vol18/issue11/20181107-0929717</a>
201	Evaluation of physical properties and hydration kinetics of red lentil (Lens culinaris) at different processed levels and soaking temperatures	Kumar, M. M., K. Prasad, T. Sarat Chandra and S. Debnath	Food Engineering and Technology	Journal of the Saudi Society of Agricultural Sciences, 17(3): 330-338. <a href="https://doi.org/10.1016/j.jssas.2016.07.004">https://doi.org/10.1016/j.jssas.2016.07.004</a>	75	2018	1658-077X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
202	Experimental and theoretical investigations on acid catalyzed stereoselective synthesis of new indanoyl-thiazole derivatives	Poonam Gautam, Deepika Gautam, Ranpal Kaurdardar	Chemistry	Journal of molecular structure <a href="https://doi.org/10.1016/j.molstruc.2016.09.042">https://doi.org/10.1016/j.molstruc.2016.09.042</a>	76	2018	0022-2860.	<a href="https://doi.org/10.1016/j.molstruc.2018.02.001">https://doi.org/10.1016/j.molstruc.2018.02.001</a>
203	Exploring Low-Cost Natural Precursors as Chiral Building Blocks in Synthesis: Chiral Carbohydrate-Ionic Liquids	Nimitajet Kaur, Avtar Singh, Harish Kumar Chopra	Chemistry	Mini-Reviews in Organic Chemistry <a href="https://doi.org/10.2174/1570193X15666171218161135">https://doi.org/10.2174/1570193X15666171218161135</a>	77	2018	1570-193X	<a href="https://doi.org/10.2174/1570193X15666171218161135">https://doi.org/10.2174/1570193X15666171218161135</a>
204	Exploring the feasibility of development of nanomaterial-based microwave absorbers	Surekha Rani, Anupma Marwaha, Sanjay Marwaha	ECE	International Nano Letters <a href="https://doi.org/10.1007/s40089-018-0254-2">https://doi.org/10.1007/s40089-018-0254-2</a>	78	2018	2008-9295 / 2238-5326	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
205	Exploring the physical, functional, thermal, and textural properties of bee pollen from different botanical origins of India.	Mamta Thakur and Vikas Nanda	Food Engineering and Technology	Journal of Food Process Engineering, 43(1)e12935 DOI: 10.1111/jffe.12935 (IF 2.889)	79	2018	1745-4530	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
206	Extending the applicability of modified Newton-RSS method for solving systems of nonlinear equations.	Sharma JR, Argyros IK, Kumar D	Mathematics	Studia Universitatis Babeş-Bolyai Mathematica	80	2018	2065-961x	<a href="http://10.24103/ubmath.2018.09">10.24103/ubmath.2018.09</a>
207	Extraction and in vitro antioxidant capacity evaluation of phenolic compounds from pigmented aromatic rice (Oryza sativa L.) cultivars.	FM Bhat, CS Riari	Food Engineering & Technology	Journal of Food Measurement and Characterization , 12(3), 56-67. <a href="https://doi.org/10.1007/s11694-017-9616-0">https://doi.org/10.1007/s11694-017-9616-0</a>	81	2018	2193-4126	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
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209	Fabrication of Micro-Channels on Pure-Ti by USM and Its Surface Roughness Analysis	Rahul Gupta, Pardeep Gupta	Mechanical	Ciencia e Technica, Vitivimicola	83	2018	2416-3953	<a href="https://www.cvi-jve-journal.org/">https://www.cvi-jve-journal.org/</a> <a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
210	Fault tolerance in cloud computing environment: A systematic survey	Major Singh, Main Hasan	Department of Computer Science and Engineering	Computers in Industry <a href="https://doi.org/10.1016/j.compind.2018.03.027">https://doi.org/10.1016/j.compind.2018.03.027</a>	84	2018	0166-3615	Computers in Industry / Journal / ScienceDirect.com by Elsevier
211	Further studies of isolated photon production with a jet in deep inelastic scattering at HERA			JOURNAL OF HIGH ENERGY PHYSICS <a href="https://doi.org/10.1007/JHEP01(2018)032">https://doi.org/10.1007/JHEP01(2018)032</a>	85	2018	1126-6708	Journal of High Energy Physics / Home (springer.com)
212	Gluten Free Approach in Fat and Sugar Amended Biscuits: A Healthy Concern for Obese and Diabetics	Singh, A. and Kumar, P.	Food Engineering and Technology	Journal of Food Processing and Preservation, 42(3), e13546. <a href="https://doi.org/10.1111/jffe.13546">https://doi.org/10.1111/jffe.13546</a>	86	2018	1745-4549	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
213	Graphene based Wideband Arc Truncated Terahertz Antenna for Wireless Communication	Bansal, A. Marwaha, A. Singh, R. Bala, S. Marwaha	ECE	Current Nanoscience, Bentham Science Publisher <a href="https://doi.org/10.2174/1573413714666180115120022">https://doi.org/10.2174/1573413714666180115120022</a>	87	2018	1573-4137 / 1875-6786	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
214	Graphene based Wideband Arc Truncated Terahertz Antenna for Wireless Communication	Bansal, A. Marwaha, A. Singh, R. Bala, S. Marwaha	ECE	Current Nanoscience, Bentham Science Publisher, <a href="https://doi.org/10.2174/1573413714666180115120022">https://doi.org/10.2174/1573413714666180115120022</a>	88	2018		<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
215	Hybrid artificial algae algorithm for economic load dispatch	Mohit Kumar and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied Soft Computing <a href="https://doi.org/10.1016/j.asoc.2018.06.035">https://doi.org/10.1016/j.asoc.2018.06.035</a>	89	2018	1568-4946	Consortium for Academic and Research Ethics (conscare.ac.in)
216	Impact of spraying on the degradation kinetics of color and vitamin C of onion powder packaged in different packaging materials.	Ikhraj Majid, Shafiq Hussain and Vikas Nanda	Food Engineering and Technology	Journal of Food Processing and Preservation, 43: e13849 <a href="https://doi.org/10.1111/jffe.13849">https://doi.org/10.1111/jffe.13849</a>	90	2018	1745-4549	
217	Improvement in pulp quality and effluent properties using methanol as carbohydrate protector during ozone bleaching of wheat straw pulp	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Chemical Engineering	APPTA Journal, <a href="http://doi.org/10.3216/infommt.15978343355651">http://doi.org/10.3216/infommt.15978343355651</a>	91	2018	10386807	<a href="https://www.scopus.com/authid/detail.url?authid=572035119316">https://www.scopus.com/authid/detail.url?authid=572035119316</a>
218	Improvement of functional properties of sunflower protein isolates near isoelectric point: Application of heat treatment	Mudasir Ahmad Malik and Charanjiv Singh Saini	Food Engineering and Technology	LWT- Food Science and Technology, 98: 411-417. <a href="https://doi.org/10.1016/j.lwt.2018.09.009">https://doi.org/10.1016/j.lwt.2018.09.009</a>	92	2018	0023-6438	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>



260	Prediction of Accuracy for Hepatocellular Carcinoma Patients using Cluster based Feature Ranking	Preetam Pal, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	International Journal of Medical Research & Health Sciences	134	2018	2319-5886	<a href="https://www.ijmrhs.com/abstract/prediction-of-accuracy-for-hepatocellular-carcinoma-patients-using-cluster-based-feature-ranking-15250.html">https://www.ijmrhs.com/abstract/prediction-of-accuracy-for-hepatocellular-carcinoma-patients-using-cluster-based-feature-ranking-15250.html</a> <a href="https://www.ijmrhs.com/medic4-research/prediction-of-accuracy-for-hepatocellular-carcinoma-patients-using-cluster-based-feature-ranking.pdf">https://www.ijmrhs.com/medic4-research/prediction-of-accuracy-for-hepatocellular-carcinoma-patients-using-cluster-based-feature-ranking.pdf</a>
261	Process development of bottle gourd sweetener by microwave heating: Changes in rheological, textural, sensory and morphological parameters	Sabeeta Bhat, Charanjiv Singh Saini and Harish Kumar Sharma	Food Engineering and Technology	Food Bioscience, 34: 95-102. <a href="https://doi.org/10.1016/j.food.2018.05.009">https://doi.org/10.1016/j.food.2018.05.009</a>	135	2018	2212-4292	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
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263	Process optimization of lignin conversion into value added chemicals by thermochemical pretreatment and electrooxidation on a stainless steel anode	Singh, S., and Ghatak H.R.,	Chemical Engineering	Holzforschung <a href="https://doi.org/10.1515/hf-2017-0108">https://doi.org/10.1515/hf-2017-0108</a>	137	2018	183830	<a href="https://www.scopus.com/authid/detail.uri?authorId=57203514216">https://www.scopus.com/authid/detail.uri?authorId=57203514216</a>
264	Processing of materials at cryogenic temperature and its implications in manufacturing: A review	Anil Singla, Jagtar Singh, Vishal Sharma	Mechanical	Materials and Manufacturing Processes. <a href="https://doi.org/10.1080/10426914.2018.1424908">https://doi.org/10.1080/10426914.2018.1424908</a>	138	2018	Print ISSN: 1042-6914 & hide_exact_match, true&utm_source=ml&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal	<a href="https://www.tandfonline.com/doi/full/10.1080/10426914.2018.1424908">https://www.tandfonline.com/doi/full/10.1080/10426914.2018.1424908</a> <a href="https://ml.clarivate.com/search-results?utm=1042-6914&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?utm=1042-6914&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
265	Profit-based unit commitment using hybrid optimization technique	Himanshu Anand, Nitin Narang and J.S. Dhillon	Electrical & Instrumentation Engineering	Energy <a href="https://doi.org/10.1016/j.energy.2018.01.138">https://doi.org/10.1016/j.energy.2018.01.138</a>	139	2018	0360-5442	Consortium for Academic and Research Ethics (unipune.ac.in)
266	Quenched and tempered steel welded with micro-alloyed based ferritic fillers	Varun Sharma and A. S. Shahi	Mechanical	Journal of Materials Processing Technology <a href="https://doi.org/10.1016/j.jmpt.2017.10.059">https://doi.org/10.1016/j.jmpt.2017.10.059</a>	140	2018	0924-0136	<a href="https://www.sciencedirect.com/journal/journal-of-materials-processing-technology">https://www.sciencedirect.com/journal/journal-of-materials-processing-technology</a> <a href="https://ml.clarivate.com/search-results?utm=0924-0136&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?utm=0924-0136&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
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268	Rheological and structural properties of protein isolates extracted from dephenolized sunflower meal: Effect of high intensity ultrasound	M.A. Malik and Charanjiv Singh Saini	Food Engineering and Technology	Food Hydrocolloids, 81: 229-241. <a href="https://doi.org/10.1016/j.foodhyd.2018.02.052">https://doi.org/10.1016/j.foodhyd.2018.02.052</a>	142	2018	0268-005X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
269	Rheological, thermal, micro structural and functional properties of freeze dried onion powders as affected by sprouting.	Ishrat Majid, B.N. Dar and Vikas Nanda	Food Engineering and Technology	Food Bioscience, 22: 105-112. <a href="https://doi.org/10.1016/j.food.2018.01.012">https://doi.org/10.1016/j.food.2018.01.012</a>	143	2018	2212-4292	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
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271	Stability analysis of environmentally benign green emulsion liquid membrane	A Kumar, A Thakur, PS Panesar	Chemical Engineering	Journal of Dispersion Science and Technology <a href="https://doi.org/10.1080/01932691.2017.1421029">https://doi.org/10.1080/01932691.2017.1421029</a>	145	2018	1532-2351	<a href="https://www.scopus.com/authid/detail.uri?authorId=57107711776">https://www.scopus.com/authid/detail.uri?authorId=57107711776</a>
272	Stability analysis of environmentally benign green emulsion liquid membrane.	Anil Kumar, Avinash Thakur and Parmjit S. Panesar	Food Engineering & Technology	Journal of Dispersion Science and Technology, 39(10), 1510-1517. <a href="https://doi.org/10.1080/01932691.2017.1421079">https://doi.org/10.1080/01932691.2017.1421079</a> (IF- 2.042)	146	2018	-	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
273	Statistical optimization of lactic acid extraction using green emulsion ionic liquid membrane (GELM).	A Kumar, A Thakur, PS Panesar.	Chemical Engineering	Journal of Environmental Chemical Engineering <a href="https://doi.org/10.1016/j.jece.2018.01.037">https://doi.org/10.1016/j.jece.2018.01.037</a>	147	2018	2213-3437	<a href="https://www.scopus.com/authid/detail.uri?authorId=57107711776">https://www.scopus.com/authid/detail.uri?authorId=57107711776</a>
274	Statistical optimization of lactic acid extraction using Green Emulsion Ionic Liquid Membrane (GELM).	Anil Kumar, Avinash Thakur, and Parmjit Singh Panesar	Food Engineering & Technology	Journal of Environmental Chemical Engineering, 6(2), 1855-1864. <a href="https://doi.org/10.1016/j.jece.2018.01.037">https://doi.org/10.1016/j.jece.2018.01.037</a> (IF- 7.968)	148	2018	2213-3437	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
275	Studies on physico-chemical, functional, pasting and morphological characteristics of developed extra thin flaked rice	Kumar, S., R. Haq and K. Prasad	Food Engineering and Technology	Journal of the Saudi Society of Agricultural Sciences, 17(3): 259-267. <a href="https://doi.org/10.1016/j.jssas.2016.05.004">https://doi.org/10.1016/j.jssas.2016.05.004</a>	149	2018	1658-077X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
276	Study of optimal eighth order weighted-Newton methods in Banach spaces	Argyros IK, Kumar D, Sharma JR	Mathematics	Communications of the Korean Mathematical Society <a href="https://doi.org/10.1080/00194506.2022.2046509">https://doi.org/10.1080/00194506.2022.2046509</a>	150	2018	2234-3024	<a href="https://www.kms.or.kr">https://www.kms.or.kr</a>
277	Study on Removal of Cd(II) from Aqueous Solution by using Arachis Hypogaea as Low Cost Biosorbent.	G.K.Jawa, S.M.Ahuja	Chemical Engineering	Asian Journal of Chemistry	151	2018	1861-4728	<a href="https://asianjournalofchemistry.in/user/ViewFreeArticle.asp?ArticleId=30_5_30">https://asianjournalofchemistry.in/user/ViewFreeArticle.asp?ArticleId=30_5_30</a>
278	Synthesis of biopolymer based composite hydrogels for Rhodamine 6G dye removal: Adsorption isotherms and kinetics	Navneet Bhatnagar, K. Kumari and Dhairaj Sud	Chemical Engineering	Iranian Polymer Journal <a href="https://doi.org/10.1007/s13726-018-0630-9">https://doi.org/10.1007/s13726-018-0630-9</a>	152	2018	1026-1265	<a href="https://www.scopus.com/authid/detail.uri?authorId=57108295454">https://www.scopus.com/authid/detail.uri?authorId=57108295454</a>
279	Synthesis, characterization and applications of some novel DMAP-based chiral ionic liquids	Avtar Singh, H K Chopra	Chemistry	Journal of Molecular Liquids <a href="https://doi.org/10.1016/j.molliq.2018.06.058">https://doi.org/10.1016/j.molliq.2018.06.058</a>	153	2018	0167-7322	<a href="https://doi.org/10.1016/j.molliq.2018.06.058">https://doi.org/10.1016/j.molliq.2018.06.058</a>
280	Synthesis, characterization and swelling behavior of silver nanoparticles containing superabsorbent based on grafted copolymer of polyacrylic acid/Guar gum	Singh, Jagdeep; Dhalwal, A. S.	Physics	VACUUM <a href="https://doi.org/10.1016/j.vacuum.2018.08.017">https://doi.org/10.1016/j.vacuum.2018.08.017</a>	154	2018	0042-207X	Vacuum   Journal   ScienceDirect.com by Elsevier
281	Synthesis, characterization, and organocatalytic application of chiral ionic liquids derived from (S, R)-ascorbic acid	Nimaljeet Kaur, Harish Kumar Chopra	Chemistry	Synthetic Communications <a href="https://doi.org/10.1080/00397911.2017.1384842">https://doi.org/10.1080/00397911.2017.1384842</a>	155	2018	0039-7911	<a href="https://doi.org/10.1080/00397911.2017.1384842">https://doi.org/10.1080/00397911.2017.1384842</a>
282	Synthesis, thermodynamic, photophysical and DFT studies of some trivalent metal chelates of a hexadecylate triphospho hydroxyquinolate based ligand	Akbar, Rifat; Baral, Minati; Kamngos, B. K.	Chemistry	JOURNAL OF COORDINATION CHEMISTRY <a href="https://doi.org/10.1080/0098972.2018.1430362">https://doi.org/10.1080/0098972.2018.1430362</a>	156	2018	0095-8972	<a href="https://doi.org/10.1080/0098972.2018.1430362">https://doi.org/10.1080/0098972.2018.1430362</a>
283	Task deadline-aware energy efficient scheduling model for a virtualized cloud	Major Singh, Neha Garg	Department of Computer Science and Engineering	Arabian Journal for Science and Engineering <a href="https://doi.org/10.1007/s13669-017-2779-5">https://doi.org/10.1007/s13669-017-2779-5</a>	157	2018	2191-4281	Arabian Journal for Science and Engineering   Home   Springer.com
284	Textural, in vitro antioxidant activity and sensory characteristics of cookies made from blends of wheat-quinoa grown in India.	Khan N. Jan, Parmjit S. Panesar, and Sukhcham Singh	Food Engineering & Technology	Journal of Food Processing and Preservation, 42(3), e13542. <a href="https://doi.org/10.1111/jpp.13542">https://doi.org/10.1111/jpp.13542</a> (IF- 8.609)	158	2018	1745-4549	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
285	the Design of Planar Antenna using Fibonacci Word Fractal Geometry in Support of Public Safety	Gurmeet Singh, Anur Partap Singh Pharwaha	ECE	International Journal of RF and Microwave Computer-Aided Engineering <a href="https://doi.org/10.1002/immce.21554">https://doi.org/10.1002/immce.21554</a>	159	2018	1096-4290 / 1099-047X	<a href="https://ml.clarivate.com/search-results?utm=1096-4290&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?utm=1096-4290&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
286	The Impact of Social Media on Small Enterprises in India	Remu, and Sanjeev Bansal	Management and Humanities	Journal of Emerging Technologies and Innovative Research	160	2018	2349-5162	<a href="https://www.ijer.in/papers/ETIR4006033.pdf">https://www.ijer.in/papers/ETIR4006033.pdf</a>
287	The impact of total productive maintenance on key performance indicators (TPCDSM): A case study of automobile manufacturing sector	Richa Sharma, Jagtar Singh, Vikas Rastogi	Mechanical	International Journal of Productivity and Quality Management <a href="https://doi.org/10.1504/IJPMQ.2018.091794">https://doi.org/10.1504/IJPMQ.2018.091794</a>	161	2018	1746-6474	<a href="https://www.inderscience.com/home.php?code=ijpmq">https://www.inderscience.com/home.php?code=ijpmq</a> <a href="https://www.scopus.com/sourceid/5700165165">https://www.scopus.com/sourceid/5700165165</a>
288	The silent and subterranean Theological stream in Indian English writings: a discovery of the perennial spring of perpetual knowledge	Gurpreet Singh and Mahesh Kumar Arora	Management and Humanities	International Conference on Research Development in Arts, Social Science, & Humanities	162	2018	-	<a href="https://www.ijer.in/papers/ETIR4006033.pdf">https://www.ijer.in/papers/ETIR4006033.pdf</a>
289	Thermal, structural and rheological characterization of protein isolate from sesame meal	Charanjiv Singh Saini, Harish Kumar Sharma and Lovleen Sharma	Food Engineering and Technology	Journal of Food Measurement and Characterization, 12(1): 426-432. <a href="https://doi.org/10.1007/s11094-017-9655-6">https://doi.org/10.1007/s11094-017-9655-6</a>	163	2018	2193-4126	
290	Thermogravimetric evaluation of mindfulness meditation using dynamic R imaging	Jaspreet Singh, Sachin Kumar, and Ajat Shatru Arora	Electrical & Instrumentation Engineering	Infrared Physics & Technology <a href="https://doi.org/10.1016/j.infrared.2018.10.029">https://doi.org/10.1016/j.infrared.2018.10.029</a>	164	2018	1350-4495	Consortium for Academic and Research Ethics (unipune.ac.in)
291	Two-way ranking based service mapping in cloud environment	Major Singh, Neeraj Yadav	Department of Computer Science and Engineering	Future Generation Computer Systems <a href="https://doi.org/10.1016/j.future.2017.11.027">https://doi.org/10.1016/j.future.2017.11.027</a>	165	2018	0167-739X	Future Generation Computer Systems   Journal   ScienceDirect.com by Elsevier
292	Ultrasound Mediated Modification and Characterization of Chitosan	Pawan Kumar, Kamlesh Kumari, Harish Chopra	Chemistry	Asian Journal of Chemistry <a href="http://doi.org/10.14233/ajchem.2018.21078">http://doi.org/10.14233/ajchem.2018.21078</a>	166	2018	0970-7077	<a href="https://doi.org/10.14233/ajchem.2018.21078">https://doi.org/10.14233/ajchem.2018.21078</a>
293	Ultrasound Mediated Modification and Characterization of Chitosan.	Pawan Kumar, Kamlesh Kumari, Harish Chopra	Chemical Engineering	Asian Journal of Chemistry <a href="http://doi.org/10.14233/ajchem.2018.21078">http://doi.org/10.14233/ajchem.2018.21078</a>	167	2018	0970-7077	<a href="https://www.scopus.com/authid/detail.uri?authorId=57198199454">https://www.scopus.com/authid/detail.uri?authorId=57198199454</a>
294	Unit commitment considering dual-mode combined heat and power generating units using integrated optimization technique	Himanshu Anand, Nitin Narang and J.S. Dhillon	Electrical & Instrumentation Engineering	Energy Conversion and Management <a href="https://doi.org/10.1016/j.enconman.2018.06.054Get">https://doi.org/10.1016/j.enconman.2018.06.054Get</a>	168	2018	0196-8904	Consortium for Academic and Research Ethics (unipune.ac.in)
295	Utilization of agro-industrial residues for the production of $\beta$ -glucuronidase using fungal isolate under solid state fermentation conditions.	Rupinder Kaur, Parmjit S. Panesar and Ram S. Singh	Food Engineering & Technology	Acta Alimentaria, 47(2), 162-170. <a href="https://doi.org/10.1556/066.2018.47.2">https://doi.org/10.1556/066.2018.47.2</a> (IF- 1.000)	169	2018	1393006	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
296	Utilization of graphene oxide-based microwave absorber for pattern enhancement of patch antenna array	Suresh Rani, Anupma Marwaha, Sanjay Marwaha	ECE	Journal of Nanophotonics <a href="https://doi.org/10.1117/1.JNP.12101012">https://doi.org/10.1117/1.JNP.12101012</a>	170	2018	1934-2608	<a href="https://ml.clarivate.com/search-results?utm=1934-2608&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?utm=1934-2608&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
297	Weld joint design and thermal aging influence on the metallurgical, sensitization and pitting corrosion behavior of AISI 304L stainless steel welds., Vol 33(2018) 126-135.	Jatjeet Singh and A.S. Shahi	Mechanical	Journal of Manufacturing Processes <a href="https://doi.org/10.1016/j.jmpt.2018.05.004">https://doi.org/10.1016/j.jmpt.2018.05.004</a>	171	2018	1526-6125	<a href="https://www.journals.elsevier.com/journal-of-manufacturing-processes">https://www.journals.elsevier.com/journal-of-manufacturing-processes</a> <a href="https://ml.clarivate.com/search-results?utm=1526-6125&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?utm=1526-6125&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
298	Structural modification of quinoa seed protein isolates (QPIs) by variable-time sonification for improving its physicochemical and functional characteristics.	Nisar A. Mir, Charanjiv S. Riar, Sukhcham Singh	Food Engineering & Technology	Ultrasonics: Sonochemistry, NOV, 58, 104700. <a href="https://doi.org/10.1016/j.ultsonch.2019.104700">https://doi.org/10.1016/j.ultsonch.2019.104700</a> (Impact factor: 9.336)	1	2019	1350-4177	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
299	Education Transforming Lives: The Importance of Formal Education for Aspiring Entrepreneurial Journeys	Kima Rani, Sanjeev Bansal	Management and Humanities	IMPACT: IRIHAL Journal	2	2019	2321 8878	<a href="https://ojs.neri.in/article/2019/488-1555410146.pdf">https://ojs.neri.in/article/2019/488-1555410146.pdf</a>
300	340 Ch's PbSK-DP-DQPSK optical orthogonal modulation format with coherent direct detection for high capacity WDM optical network	Sukbir Singh, Surinder Singh, Quang Minh NGO and Amin Malekshamshadi	ECE	Optical Fiber Technology, <a href="https://doi.org/10.1016/j.yofte.2019.101936">https://doi.org/10.1016/j.yofte.2019.101936</a>	3	2019	1068-5200 / 1095-9912	<a href="https://ml.clarivate.com/search-results?utm=1068-5200&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?utm=1068-5200&amp;hide_exact_match, true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>

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302	A comparative study on experimental and response surface optimization of lactic acid xanthonic extraction using green emulsion liquid membranes	A Kumar, A Thakur, PS Panesar	Chemical Engineering	Separation and Purification Technology <a href="https://doi.org/10.1016/j.seppur.2018.09.048">https://doi.org/10.1016/j.seppur.2018.09.048</a>	5	2019	1383-5866	<a href="https://www.sciencedirect.com/journal/sep-proc/issue/S13090815710771376">https://www.sciencedirect.com/journal/sep-proc/issue/S13090815710771376</a>
303	A comparative study on experimental and response surface optimization of lactic acid xanthonic extraction using green emulsion liquid membranes	Anil Kumar, Avinash Thakur and Parmjit S. Panesar	Food Engineering & Technology	Separation and Purification Technology 211, 54-62 <a href="https://doi.org/10.1016/j.seppur.2018.09.048">https://doi.org/10.1016/j.seppur.2018.09.048</a> (IF- 9.136)	6	2019	1383-5866	<a href="https://www.sciencedirect.com/journal/sep-proc/issue/S13090815710771376">https://www.sciencedirect.com/journal/sep-proc/issue/S13090815710771376</a>
304	A conglomerated non-motion and cross-axis search optimizer for electric power load dispatch	Mohit Kumar and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied soft computing journal <a href="https://doi.org/10.1016/j.asoc.2019.105641">https://doi.org/10.1016/j.asoc.2019.105641</a>	7	2019	1568-4946	<a href="https://www.sciencedirect.com/journal/applied-soft-computing/issue/S156849462019105641">https://www.sciencedirect.com/journal/applied-soft-computing/issue/S156849462019105641</a>
305	A distributed approach for road clearance with multi-robot in urban search and rescue environment	Anur Nath, A.R.Arun & Rajdeep Niyogi	Department of Computer Science and Engineering	International Journal of Intelligent Robotics and Applications <a href="https://doi.org/10.1007/s13135-019-00111-5">https://doi.org/10.1007/s13135-019-00111-5</a>	8	2019	2366-5971	<a href="https://www.springer.com/journal/41334">https://www.springer.com/journal/41334</a>
306	A dual-channel surface plasmon resonance biosensor based on a photonic crystal fiber for multi-analyte sensing	Veerpal Kaur, and Surinder Singh	ECE	Journal of Computational Electronics <a href="https://doi.org/10.1007/s10825-019-01305-7">https://doi.org/10.1007/s10825-019-01305-7</a>	9	2019	1569-8025 / 1572-8137	<a href="https://link.springer.com/journal/15698025">https://link.springer.com/journal/15698025</a>
307	A First Principle Study of Structural, Electronic, and Vibrational Properties of LaPbBi Half-Heusler Alloy	Gupta, Yuhit; Sinha, Manraj Mohan; Verma, Suram Singh	Physics	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS <a href="https://doi.org/10.1002/pssb.201900117">https://doi.org/10.1002/pssb.201900117</a>	10	2019	1521-3951	<a href="https://onlinelibrary.wiley.com/doi/10.1002/pssb.201900117">https://onlinelibrary.wiley.com/doi/10.1002/pssb.201900117</a>
308	A First Principle Study of Structural, Electronic, and Vibrational Properties of LaPbBi Half-Heusler Alloy	Gupta, Yuhit; Sinha, Manraj Mohan; Verma, Suram Singh	Physics	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS <a href="https://doi.org/10.1002/pssb.201900117">https://doi.org/10.1002/pssb.201900117</a>	11	2019	1521-3951	<a href="https://onlinelibrary.wiley.com/doi/10.1002/pssb.201900117">https://onlinelibrary.wiley.com/doi/10.1002/pssb.201900117</a>
309	A low leakage TG-CNTFET-based inexact full adder for low power image processing applications	Candy Goyal, Jagpal Singh Ubhi, Balwinder Raj	ECE	International Journal of Circuit Theory and Application <a href="https://doi.org/10.1002/cita.2672">https://doi.org/10.1002/cita.2672</a>	12	2019	0098-9886 / 1097-007X	<a href="https://www.interscience.wiley.com/jpages/00989886">https://www.interscience.wiley.com/jpages/00989886</a>
310	A mean-field theoretic model for dual information propagation in networks	Ukash Niranjan, Anurag Singh, Ramesh Kumar Agrawal	Department of Computer Science and Engineering	Journal of Complex Networks <a href="https://doi.org/10.1093/comnet/cnz033">https://doi.org/10.1093/comnet/cnz033</a>	13	2019	2051-1310	<a href="https://academic.oup.com/comnet/advance-article-abstract/doi/10.1093/comnet/cnz033/5511011">https://academic.oup.com/comnet/advance-article-abstract/doi/10.1093/comnet/cnz033/5511011</a>
311	A new method to generate artificial microstructure of dual phase steel using Teacher-Learner Based Optimization	A Verma, RK Saxena	Mechanical	Sadhna, Springer <a href="https://doi.org/10.1007/s12046-019-1054-8">https://doi.org/10.1007/s12046-019-1054-8</a>	14	2019	0973-7677	<a href="https://www.springer.com/journal/12047">https://www.springer.com/journal/12047</a>
312	A Novel Multi-Criteria Decision Framework for Evaluating Green Supply Chain Management Practices: A Case Study	Neeru, Arvind Jayant, Arvind Tiwari	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication) <a href="https://doi.org/10.1016/j.lnme.2017.01.016">https://doi.org/10.1016/j.lnme.2017.01.016</a>	15	2019	2195-4364	<a href="https://www.sciencedirect.com/journal/lnme/issue/S21954364190001311">https://www.sciencedirect.com/journal/lnme/issue/S21954364190001311</a>
313	A Ranking Based Model for Selecting Optimum Cloud Geographical Region	Major Singh Goraya, Neeraj, Damanpreet Singh	Department of Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering <a href="https://doi.org/10.35940/ijitee.IJ8908.08181019">https://doi.org/10.35940/ijitee.IJ8908.08181019</a>	16	2019	2278-3075	<a href="https://www.ijitee.org/issue/8908081019">https://www.ijitee.org/issue/8908081019</a>
314	A review on emulsion liquid membrane (ELM) for the treatment of various industrial effluent streams	A Kumar, A Thakur, PS Panesar	Chemical Engineering	Reviews in Environmental Science and Bio Technology <a href="https://doi.org/10.1007/s1157-019-09492-2">https://doi.org/10.1007/s1157-019-09492-2</a> (IF- 14.284)	17	2019	15691705	<a href="https://www.sciencedirect.com/journal/rev-environ-bio-technol/issue/S15691705190001311">https://www.sciencedirect.com/journal/rev-environ-bio-technol/issue/S15691705190001311</a>
315	A review on Emulsion Liquid Membrane (ELM) for the treatment of various industrial effluent streams	Anil Kumar, Avinash Thakur and Parmjit S. Panesar	Food Engineering & Technology	Reviews in Environmental Science and Bio Technology, 18, pages 153–182. <a href="https://doi.org/10.1007/s1157-019-09492-2">https://doi.org/10.1007/s1157-019-09492-2</a> (IF- 14.284)	18	2019	15691705	<a href="https://www.sciencedirect.com/journal/rev-environ-bio-technol/issue/S15691705190001311">https://www.sciencedirect.com/journal/rev-environ-bio-technol/issue/S15691705190001311</a>
316	A Review On Retinal Blood Vessel Segmentation Methodologies	Aashita, Rahul Gautam	Department of Computer Science and Engineering	International Journal of scientific & Technology Research	19	2019	2277-8616	<a href="https://www.ijstr.org/print-article/sep2019/A-Review-On-Retinal-Blood-Vessel-Segmentation-Methodologies.pdf">https://www.ijstr.org/print-article/sep2019/A-Review-On-Retinal-Blood-Vessel-Segmentation-Methodologies.pdf</a>
317	A robust hybrid multi-criteria decision-making approach for selection of third-party reverse logistics service provider	Shweta Singh, Arvind Jayant, Tammy Walke	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication) <a href="https://doi.org/10.1007/978-981-15-8519-0_32">https://doi.org/10.1007/978-981-15-8519-0_32</a>	20	2019	2195-4365	<a href="https://www.springer.com/journal/11237">https://www.springer.com/journal/11237</a>
318	A Study of Consumer Behavior on Selecting and Switching Telecom Services in Patiala City	Gurpreet Singh, Dr. Sanjeev Kumar Garg.	Management and Humanities	International Journal of 360Degree Management Review	21	2019	5594-6617	<a href="https://www.ij360.com/issue/ij360r/360r.pdf">https://www.ij360.com/issue/ij360r/360r.pdf</a>
319	A survey on QoS mechanisms in WSN for computational intelligence-based routing protocols	Tarunpreet Kaur, Dilip Kumar	ECE	Wireless Network <a href="https://doi.org/10.1007/s11276-019-01978-9">https://doi.org/10.1007/s11276-019-01978-9</a>	22	2019	1022-0038 / 1572-8196	<a href="https://link.springer.com/journal/10220038">https://link.springer.com/journal/10220038</a>
320	A tabular based bow-tie wideband THz antenna design using graphene for wireless applications	Gaurav Bansal, Anupama Marwaha, Amanpreet Singh, Rajni Bala, and Sanjay Marwaha	Electrical & Instrumentation Engineering	Optik <a href="https://doi.org/10.1016/j.ijleo.2019.04.063">https://doi.org/10.1016/j.ijleo.2019.04.063</a>	23	2019	0030-4026	<a href="https://www.sciencedirect.com/journal/optik/issue/S00304026190001311">https://www.sciencedirect.com/journal/optik/issue/S00304026190001311</a>
321	A tabular based bow-tie wideband THz antenna design using graphene for wireless applications	Gaurav Bansal, Anupama Marwaha, Amanpreet Singh, Rajni Bala, Sanjay Marwaha,	ECE	Optik <a href="https://doi.org/10.1016/j.ijleo.2019.04.063">https://doi.org/10.1016/j.ijleo.2019.04.063</a>	24	2019	0030-4026 / 1618-1336	<a href="https://www.sciencedirect.com/journal/optik/issue/S00304026190001311">https://www.sciencedirect.com/journal/optik/issue/S00304026190001311</a>
322	Adsorptive findings on selected bioassays for removal of phenol from aqueous solutions	Ba, P.	Chemical Engineering	Resources <a href="https://doi.org/10.3390/resources8040180">https://doi.org/10.3390/resources8040180</a>	25	2019	2079-9276	<a href="https://www.sciencedirect.com/journal/resources/issue/S20799276190001311">https://www.sciencedirect.com/journal/resources/issue/S20799276190001311</a>
323	Amplified grey wolf optimization for economic load dispatch problem	Diljinder Singh and J.S. Dhillon	Electrical & Instrumentation Engineering	Energy <a href="https://doi.org/10.1016/j.energy.2018.11.034">https://doi.org/10.1016/j.energy.2018.11.034</a>	26	2019	0360-5442	<a href="https://www.sciencedirect.com/journal/energy/issue/S03605442190001311">https://www.sciencedirect.com/journal/energy/issue/S03605442190001311</a>
324	An efficient class of Traub-Steffensen-like seventh order multiple root solvers with applications	Sharma J, Kumar D, Argyros IK	Mathematics	Symmetry <a href="https://doi.org/10.3390/sym11040518">https://doi.org/10.3390/sym11040518</a>	27	2019	2073-8994	<a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a>
325	An efficient class of Traub-Steffensen-type methods for computing multiple zeros	Kumar D, Sharma JR, Cesarano C	Mathematics	Axioms <a href="https://doi.org/10.3390/axioms8020065">https://doi.org/10.3390/axioms8020065</a>	28	2019	2075-1680	<a href="https://www.mdpi.com/journal/axioms">https://www.mdpi.com/journal/axioms</a>
326	An efficient class of weighted-Newton multiple root solvers with seventh order convergence	Sharma J, Kumar D, Cattani C	Mathematics	Symmetry <a href="https://doi.org/10.3390/sym11081054">https://doi.org/10.3390/sym11081054</a>	29	2019	2073-8994	<a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a>
327	An efficient derivative-free one-point method with memory for solving nonlinear equations	Sharma JR, Kumar S, Cesarano C	Mathematics	Mathematics <a href="https://doi.org/10.3390/math7070604">https://doi.org/10.3390/math7070604</a>	30	2019	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
328	An Energy Efficient Scalable Clustering Protocol for Dynamic Wireless Sensor Networks	Hamanpreet Singh, Anand Singh, Shao-Tung Chen, Jung-Chan Liu, Yu-Wei Chan, Chieh-Chih Chen & Vinod Kumar Verma	Department of Computer Science and Engineering	Wireless Personal Communications An International Journal <a href="https://doi.org/10.1007/s11277-019-06701-7">https://doi.org/10.1007/s11277-019-06701-7</a>	31	2019	1572-834X	<a href="https://www.springer.com/journal/11277">https://www.springer.com/journal/11277</a>
329	An energy-efficient cloud system with novel dynamic resource allocation method	Chao-Tung Yang, Shao-Tung Chen, Jung-Chan Liu, Yu-Wei Chan, Chieh-Chih Chen & Vinod Kumar Verma	Department of Computer Science and Engineering	SPRINGER The Journal of Supercomputing <a href="https://doi.org/10.1007/s11227-019-02794-w">https://doi.org/10.1007/s11227-019-02794-w</a>	32	2019	0920-8542	<a href="https://link.springer.com/journal/1007/11227-019-02794-w">https://link.springer.com/journal/1007/11227-019-02794-w</a>
330	An experimental investigation into heat transfer characteristics of aqua based Cu nanofluid for automobile radiator	RKY Nitin Mahay	Mechanical	Journal of Physics: Conference Series <a href="https://doi.org/10.1088/1742-6596/1240/1/012043">https://doi.org/10.1088/1742-6596/1240/1/012043</a>	33	2019	1742-6588	<a href="https://iopscience.iop.org/journal/1742-6596">https://iopscience.iop.org/journal/1742-6596</a>
331	An Intelligent Simulation based case study of Indian Micro Small Medium Enterprise (MSME) of farm equipment Manufacturing	Arvind Jayant, Janprey Sharma	Mechanical	IOP Journal of Physics <a href="http://doi.org/10.1088/1742-6596/1240/1/012030">http://doi.org/10.1088/1742-6596/1240/1/012030</a>	34	2019	1742-6596	<a href="https://iopscience.iop.org/journal/1742-6596">https://iopscience.iop.org/journal/1742-6596</a>
332	Analysis of crystallization phenomenon in Indian honey using molecular dynamics simulations and artificial neural network	Rishi Ravindra Naik, Neha S. Gundhi, Mantra Thakur and Vikas Nanda	Food Engineering and Technology	Food Chemistry <a href="https://doi.org/10.1016/j.foodchem.2019.125182">https://doi.org/10.1016/j.foodchem.2019.125182</a> (IF- 6.306)	35	2019	0308-8146	<a href="https://www.sciencedirect.com/journal/food-chemistry/issue/S03088146190001311">https://www.sciencedirect.com/journal/food-chemistry/issue/S03088146190001311</a>
333	Analytic solution of a diffusion dispersion model of packed bed of finite thickness	Kumar J, Kaleraj VK	Mathematics	Journal of Interdisciplinary Mathematics <a href="https://doi.org/10.1080/09720502.2015.1026466">https://doi.org/10.1080/09720502.2015.1026466</a>	36	2019	9720502	<a href="https://www.tandfonline.com/journals/109720502">https://www.tandfonline.com/journals/109720502</a>
334	Application of Machine Learning Technique for demand forecasting: A Case Study of manufacturing industry	Anshul Agarwal Arvind Jayant, Vaibhav Gupta	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication) <a href="https://doi.org/10.1007/978-981-15-8519-0_31">https://doi.org/10.1007/978-981-15-8519-0_31</a>	37	2019	2195-4365	<a href="https://www.springer.com/journal/11237">https://www.springer.com/journal/11237</a>
335	Application of Modified Gauss-Zeros Iterations for Solving the Load Flow Problem in Active Distribution Networks	Rishabh Verma and Vanskar Sarkar	Electrical & Instrumentation Engineering	Electric Power System Research <a href="https://doi.org/10.1016/j.eprac.2018.11.005">https://doi.org/10.1016/j.eprac.2018.11.005</a>	38	2019	0378-7796	<a href="https://www.sciencedirect.com/journal/electric-power-system-research/issue/S03787796190001311">https://www.sciencedirect.com/journal/electric-power-system-research/issue/S03787796190001311</a>
336	Arduino Based Economic and Real Time Consumption Rate Computing	Shivesh Kumar, Sunil Kumar	Mechanical	Universal Journal of Mechanical Engineering	39	2019	2322-3261	<a href="https://www.ijmeh.com/journal/ijmeh-1905">https://www.ijmeh.com/journal/ijmeh-1905</a>
337	Assessment of Energy-Population-Urbansation Nexus with Changing Energy Industry Scenario in India	Ram Avtar, Saranbh Tripathi and Ashwanti Kumar Agarwal	Electrical & Instrumentation Engineering	Land <a href="https://doi.org/10.3390/land8080124">https://doi.org/10.3390/land8080124</a>	40	2019	2073-445X	<a href="https://www.mdpi.com/journal/land">https://www.mdpi.com/journal/land</a>
338	Autotopographical Elements and Construction of Self in Plays of Mahesh Datt	Monika Kapil and Mahesh Kumar Arora	Management and Humanities	Think India Journal	41	2019	0971-1260	<a href="https://www.thinkindiajournal.com/issue/190507/190508">https://www.thinkindiajournal.com/issue/190507/190508</a>
339	Bioactive compounds from cereal and pulse processing byproducts and their potential health benefits	A. Saini, Dnyan Pawar, Parmjit S. Panesar, M.B. Bera	Food Engineering & Technology	Austin Journal of Nutrition and Metabolism 6(2), 1068. (IF-2.400)	42	2019	2573-5330	<a href="https://www.scribd.com/document/419547141/AJNM-6-2-1068-1073">https://www.scribd.com/document/419547141/AJNM-6-2-1068-1073</a>
340	Bulk viscous string cosmological models in Saez-Ballester theory of gravity	Mishra RK, Dha H	Mathematics	Astrophysics and Space Science <a href="https://doi.org/10.1007/s10599-019-3689-7">https://doi.org/10.1007/s10599-019-3689-7</a>	43	2019	0004-640X	<a href="https://www.springer.com/journal/10502">https://www.springer.com/journal/10502</a>
341	Characterization of germinated and ungerminated (Paspalum scaberrimum) buckwheat grain and its flour	Swati Muteja, Mayank Singh and Naveed Jindal	Food Engineering and Technology	International Journal of Chemical Studies, 7(2)/ 2019/1015-1020	44	2019	2349-8528	<a href="https://www.ijcs.com/issue/720191015-1020">https://www.ijcs.com/issue/720191015-1020</a>
342	Chain production in charged current deep inelastic scattering at HERA			JOURNAL OF HIGH ENERGY PHYSICS <a href="https://doi.org/10.1007/JHEP05(2019)201">https://doi.org/10.1007/JHEP05(2019)201</a>	45	2019	1126-6708	<a href="https://www.sciencedirect.com/journal/jhep/issue/S11266708190001311">https://www.sciencedirect.com/journal/jhep/issue/S11266708190001311</a>
343	Chiral Recognition Methods in Analytical Chemistry: Role of the Chiral Ionic Liquids	Amit Singh, Nirmaljeet Kaur, Harish Kumar Chopra	Chemistry	Critical Reviews in Analytical Chemistry <a href="https://doi.org/10.1080/10408347.2019.1565985">https://doi.org/10.1080/10408347.2019.1565985</a>	46	2019	1040-8347	<a href="https://doi.org/10.1080/10408347.2019.1565985">https://doi.org/10.1080/10408347.2019.1565985</a>
344	Cluster Head Zone Based LEACH Protocol For Wireless Sensor Networks	Damanpreet Singh, Monika	Department of Computer Science and Engineering	International Journal of Scientific & Technology Research	47	2019	2277-8616	<a href="https://www.ijstr.org/print-article/sep2019/Cluster-Head-Zone-Based-Leach-Protocol-For-Wireless-Sensor-Networks.pdf">https://www.ijstr.org/print-article/sep2019/Cluster-Head-Zone-Based-Leach-Protocol-For-Wireless-Sensor-Networks.pdf</a>
345	Comprehensive Controller Implementation for Wind-PV-Diesel Based Standalone Microgrid	Miloud Rezakhalil, Sanjeev Singh, Anshubh Chandra, Bhim Singh, Marco Tremblay, Maurood Saad, and Hun Geng	Electrical & Instrumentation Engineering	IEEE Transactions on Industry Applications	48	2019	0093-9994	<a href="https://www.ieee.org/publications_standards/publications/doi/abs/10.1109/TIA.2019.2920334">https://www.ieee.org/publications_standards/publications/doi/abs/10.1109/TIA.2019.2920334</a>
346	Computational intelligence-based energy efficient routing protocols with QoS assurance for wireless sensor networks: A survey	Tarunpreet Kaur, Dilip Kumar	ECE	International Journal of Wireless and Mobile Computing (Inderscience Enterprises) <a href="https://doi.org/10.1504/IJWMC.2019.099043">https://doi.org/10.1504/IJWMC.2019.099043</a>	49	2019	1741-1084 / 1741-1092	<a href="https://www.sciencedirect.com/journal/ijwmc/issue/S17411084190001311">https://www.sciencedirect.com/journal/ijwmc/issue/S17411084190001311</a>
347	Computer Aided Face Liveness Detection with Facial Thermography	Maninder Singh & A. S. Arora	Department of Computer Science and Engineering	Wireless Personal Communications <a href="https://doi.org/10.1007/s11277-019-06996-6">https://doi.org/10.1007/s11277-019-06996-6</a>	50	2019	0929-6212	<a href="https://www.springer.com/journal/11277">https://www.springer.com/journal/11277</a>
348	Computer Aided Face Liveness Detection with Facial Thermography	Maninder Singh and Ajit Shatra Arora	Electrical & Instrumentation Engineering	Wireless Personal Communications <a href="https://doi.org/10.1007/s11277-019-06996-6">https://doi.org/10.1007/s11277-019-06996-6</a>	51	2019	0929-6212	<a href="https://www.springer.com/journal/11277">https://www.springer.com/journal/11277</a>
349	Convergence analysis and complex geometry of an efficient derivative-free iterative method	Kumar D, Sharma JR, Jaisochi L	Mathematics	Mathematics <a href="https://doi.org/10.3390/math7100919">https://doi.org/10.3390/math7100919</a>	52	2019	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
350	Convergence analysis of weighted-Newton methods of optimal eighth order in Banach spaces	Sharma JR, Argyros IK, Kumar S	Mathematics	Mathematics <a href="https://doi.org/10.3390/math7020198">https://doi.org/10.3390/math7020198</a>	53	2019	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
351	Dattam's Hermines: A Study of Selected plays through Feminist Lens	Monika Kapil and Mahesh Kumar Arora	Management and Humanities	International Journal of English Language, Literature in Humanities	54	2019	2582-4406	<a href="https://www.ijell.com/issue/2019/2582-4406">https://www.ijell.com/issue/2019/2582-4406</a>
352	Design and Analysis of a New Improved Force Linear Switched Reluctance Motor For Transit Application	Nitika Prasad, Shalendra Jain and Sushma Gupta	Electrical & Instrumentation Engineering	IEEE Journal of Research <a href="https://doi.org/10.1109/JR.2019.1467664">https://doi.org/10.1109/JR.2019.1467664</a>	55	2019	0377-2063	<a href="https://www.sciencedirect.com/journal/ieee-journal-of-research/issue/S03772063190001311">https://www.sciencedirect.com/journal/ieee-journal-of-research/issue/S03772063190001311</a>
353	Design and analysis of CNTFET based 10T SRAM for high performance at nanoscale	Makesh Kumar, Jagpal Singh Ubhi	ECE	International Journal of Circuit Theory and Application <a href="https://doi.org/10.1002/cita.2696">https://doi.org/10.1002/cita.2696</a>	56	2019	0098-9886 / 1097-007X	<a href="https://www.interscience.wiley.com/jpages/00989886">https://www.interscience.wiley.com/jpages/00989886</a>
354	Design and analysis of thin film GaAs solar cells using silver nanoparticle plasmons	Singh, Gurjit; Verma, S. S.	Physics	PHOTONICS AND NANOSTRUCTURES-FUNDAMENTALS AND APPLICATIONS <a href="https://doi.org/10.1016/j.photonics.2019.100731">https://doi.org/10.1016/j.photonics.2019.100731</a>	57	2019	1569-4410	<a href="https://www.sciencedirect.com/journal/photonics/issue/S15694410190001311">https://www.sciencedirect.com/journal/photonics/issue/S15694410190001311</a>
355	Design and Development of Spin Welding Machine for Thermoplastics	T Binadi, RK Saxena, S Pandey	Mechanical	Journal of Physics: Conference Series <a href="https://doi.org/10.1088/1742-6596/1240/1/012091">https://doi.org/10.1088/1742-6596/1240/1/012091</a>	58	2019	1742-6588	<a href="https://iopscience.iop.org/journal/1742-6596">https://iopscience.iop.org/journal/1742-6596</a>
356	Design approach of solid-core photonic crystal fiber sensor with sensing ring for blood component detection	Veerpal Kaur and Surinder Singh	ECE	Journal of Nanophotonics	59	2019	1834-2608	<a href="https://doi.org/10.1117/1.5206011">https://doi.org/10.1117/1.5206011</a>



357	Design of all optical contention detection circuit based on HNLF at the data rate of 120 Gbps	Sarinder Singh, Dilbag Singh, Vishal Sharma, Sukbir Singh and Quang Minh NGO	ECE	Optical Fiber Technology <a href="https://doi.org/10.1016/j.yofte.2019.101958">https://doi.org/10.1016/j.yofte.2019.101958</a>	60	2019	1068-5200 / 1095-9912	<a href="https://ml.clarivate.com/search-results?issn=1068-5200&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1068-5200&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
358	Design of Micro-Machined Modified Sierpinski Gasket Fractal Antenna for Satellite Communications	Anur Partap Singh Pharwaha, Ashish Kumar,	ECE	International Journal of RF and Microwave Computer-Aided Engineering <a href="https://doi.org/10.1002/nmce.21786">https://doi.org/10.1002/nmce.21786</a>	61	2019	1096-4290 / 1099-047X	<a href="https://ml.clarivate.com/search-results?issn=1096-4290&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1096-4290&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
359	Design of Micro-Machined Modified Sierpinski Gasket Fractal Antenna for Satellite Communications	Ashish Kumar, Anur Partap Singh Pharwaha	ECE	International Journal of RF and Microwave Computer-Aided Engineering <a href="https://doi.org/10.1002/nmce.21786">https://doi.org/10.1002/nmce.21786</a>	62	2019	1096-4290 / 1099-047X	<a href="https://ml.clarivate.com/search-results?issn=1096-4290&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1096-4290&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
360	Design of Nano Scale Approximate Full Adders for Low Power Arithmetic Circuits	Candy Goyal, Balwinder Raj, Jagpal Singh Ubhi	ECE	Journal of nanoelectronics & optoelectronics	63	2019	1555-130X / 1555-1318	<a href="https://doi.org/10.1166/ino.2019.2504">https://doi.org/10.1166/ino.2019.2504</a>
361	Design of titanium nitride coated PCF-SPR sensor for liquid sensing applications	Veerpal Kaur and Sarinder Singh,	ECE	Optical Fiber Technology <a href="https://doi.org/10.1016/j.yofte.2018.12.015">https://doi.org/10.1016/j.yofte.2018.12.015</a>	64	2019	1068-5200 / 1095-9912	<a href="https://ml.clarivate.com/search-results?issn=1068-5200&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1068-5200&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
362	Design of XPM based all optical contention detection circuit at 120 Gbps	Dilbag Singh, Sarinder Singh, Vishal Sharma, Sukbir Singh and Quang Minh NGO	ECE	Optical and Quantum Electronics <a href="https://doi.org/10.1007/s11082-019-1922-9">https://doi.org/10.1007/s11082-019-1922-9</a>	65	2019	0306-8919 / 1572-817X	<a href="https://ml.clarivate.com/search-results?issn=0306-8919&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0306-8919&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
363	Determination of Lennaire damage parameters for DP990 steel using Teacher-Learner based optimization	A Verma, RK Saxena	Mechanical	Journal of Physics: Conference Series <a href="http://doi.org/10.1088/1742-6596/1240/1/012101">http://doi.org/10.1088/1742-6596/1240/1/012101</a>	66	2019	1742-6588	<a href="https://iopscience.iop.org/journal/1742-6599">https://iopscience.iop.org/journal/1742-6599</a> <a href="https://www.scopus.com/sourceid/130056">https://www.scopus.com/sourceid/130056</a>
364	Development and characterization of biodegradable films from whey protein concentrate, pullulan husk and oxidized, cross-linked, dual modified lotus rhizome starch composite,	Sakshi Sukhija, Sukhcham Singh , Charanjit S Riar,	Food Engineering & Technology	Journal of Science of Food and Agriculture, 99 (7), Jan 2019, 3398-3409. <a href="https://doi.org/10.1002/jsfa.9557">https://doi.org/10.1002/jsfa.9557</a>	67	2019	10970010	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
365	Development of a Polyfunctional Dipodal Schiff Base: An Efficient Chelator and a Potential Zinc Sensor	Gupta, Anil; Dang, Vijay; Baral, Minati; Kanungo, B. K.	Chemistry	BRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION <a href="https://doi.org/10.30492/jcce.2019.32441">https://doi.org/10.30492/jcce.2019.32441</a>	68	2019	10219986	<a href="https://www.mdepi.com/journal/symmetry">https://www.mdepi.com/journal/symmetry</a>
366	Development of optimal eighth order derivative-free methods for multiple roots of nonlinear equations	Sharma JR, Kumar S, Argyros IK	Mathematics	Symmetry <a href="https://doi.org/10.3390/sym11060766">https://doi.org/10.3390/sym11060766</a>	69	2019	2073-8994	<a href="https://www.mdepi.com/journal/symmetry">https://www.mdepi.com/journal/symmetry</a>
367	Development of Pakoda Using Semi-Automatic Pakoda-Making Machine: Thermal, Rheological, Physicochemical and Sensory Properties	Kumar, A., Sethawat, R., & Saxena, D. C.	Food Engineering & Technology	Journal of the Institution of Engineers (India): Series A, 100, pages593-599 <a href="https://doi.org/10.1007/s40030-019-00385-9">https://doi.org/10.1007/s40030-019-00385-9</a>	70	2019	2250-2149	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
368	Distribution transformer failure modes, effects and criticality analysis (FMECA)	Jaipreet Singh, Sanjeev Singh, and Anupreet Singh	Electrical & Instrumentation Engineering	Engineering Failure Analysis <a href="https://doi.org/10.1016/j.engfailanal.2019.02.014">https://doi.org/10.1016/j.engfailanal.2019.02.014</a>	71	2019	1350-6307	<a href="https://www.scopus.com/sourceid/130056">https://www.scopus.com/sourceid/130056</a>
369	Effect of chemical composition, granule structure and crystalline form of pigmented rice starches on their functional characteristics,	Farhan Mohiuddin Bhat, Charanjit Singh Riar	Food Engineering & Technology	Food Chemistry, NOV, 97(1), 124984, <a href="https://doi.org/10.1016/j.foodchem.2019.124984">https://doi.org/10.1016/j.foodchem.2019.124984</a> . (Impact factor: 9.231)	72	2019	0308-8146	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
370	Effect of composition, granular morphology and crystalline structure on the pasting, textural, thermal and sensory characteristics of traditional rice cultivars,	Farhan Mohiuddin Bhat, Charanjit Singh Riar,	Food Engineering & Technology	Food Chemistry, 280 (15), May 2019, 303-309. <a href="https://doi.org/10.1016/j.foodchem.2018.12.064">https://doi.org/10.1016/j.foodchem.2018.12.064</a>	73	2019	0308-8146	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
371	Effect of date syrup on physicochemical, pasting, textural, rheological and morphological properties of sweet potato starch	Deepshikha, Piyush Kashyap and Navdeep Jindal	Food Engineering and Technology	Journal of Food Measurement and Characterization, 13(2019)2398-2405. <a href="https://doi.org/10.1007/s11694-019-00160-1">https://doi.org/10.1007/s11694-019-00160-1</a>	74	2019	2193-4126	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
372	Effect of introducing ozone prior to elemental chlorine free bleaching of wheat straw pulp on pulp, paper and effluent properties	Tripathi, S.K., Bhardwaj, N.K., & Ghatak H.R.,	Chemical Engineering	Cellulose Chemistry and Technology,	75	2019	0576-9787	<a href="https://www.scopus.com/sourceid/130056">https://www.scopus.com/sourceid/130056</a>
373	Effect of moisture content on the physical and mechanical properties of quinoa seeds.	Khan N. Jan, Pamjit S. Panesar and S. Singh	Food Engineering & Technology	International Agrophysics,33(1), DOI 10.31545/istage/104374 (IF: 1.627)	76	2019	2300-8725	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
374	Effect of nutraceuticals (beta-glucan concentrate, flaxseed lignan concentrate and gamma oryzanol concentrate) on nutritional, textural, pasting, thermal, structural and morphological properties of corn and rice flour blend based RTE-extrudates	Kour, I., Singh, S., & Saxena, D. C.	Food Engineering & Technology	Journal of Food Measurement and Characterization,13, pages988-1003. <a href="https://doi.org/10.1007/s11694-018-0013-0">https://doi.org/10.1007/s11694-018-0013-0</a>	77	2019		<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
375	Effect of pH and holding time on the characteristics of protein isolate from <i>Chlorella</i> sp. seeds and study of their amino acid profile and scoring.	Nisar A. Mir, Charanjit S. Riar, Sukhcham Singh,	Food Engineering & Technology	Food Chemistry, 272 (30), January 2019, 165-173. <a href="https://doi.org/10.1016/j.foodchem.2018.08.048">https://doi.org/10.1016/j.foodchem.2018.08.048</a>	78	2019	0308-8146	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
376	Efficient Ostrowski-like methods of optimal eighth and sixteenth order convergence and their dynamics	Sharma JR, Anura H	Mathematics	Afrika Matematika <a href="https://doi.org/10.1007/s13370-019-00691-2">https://doi.org/10.1007/s13370-019-00691-2</a>	79	2019	1012-9405	<a href="https://www.springer.com/journal/13370">https://www.springer.com/journal/13370</a>
377	Energy Traffic Priority Scheduling MAC Protocol with QoS assurance for Heterarchical WSN	Tanupreet Kaur, Dilip Kumar	ECE	International Journal of Electronics <a href="https://doi.org/10.1080/0020717.2019.1591527">https://doi.org/10.1080/0020717.2019.1591527</a>	80	2019	0020-7217 / 1362-3060	<a href="https://ml.clarivate.com/search-results?issn=0020-7217&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0020-7217&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
378	Entrepreneurship Development in Technical Education in India	Kima Rani, Sanjeev Bansal	Management and Humanities	International Journal of Scientific Research and Review	81	2019	2279-0543	<a href="https://www.ijstr.org/pdf/2177.pdf">https://www.ijstr.org/pdf/2177.pdf</a>
379	EROSION WEAR EVALUATION OF HVOF SPRAYED WC-12CO COATING ON SOME PIPELINE MATERIALS USING TAGUCHI APPROACH	Singh, P., Bansal, A., and Goyal, D. K.	Mechanical	Koove Mater. <a href="http://doi.org/10.4149/km.2019.1.113">http://doi.org/10.4149/km.2019.1.113</a>	82	2019	1338-4252	<a href="http://www.koovmat.sv.sk/">http://www.koovmat.sv.sk/</a> <a href="https://ml.clarivate.com/search-results?issn=1338-4252&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=1338-4252&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
380	Evaluation of RGB cube calibration framework and effect of calibration charts on color measurement of mozzarella cheese	P.S. Minz and C.S. Saini	Food Engineering and Technology	Journal of Food Measurement and Characterization 13(2): 1537-1546. <a href="https://doi.org/10.1007/s11694-019-00069-9">https://doi.org/10.1007/s11694-019-00069-9</a>	83	2019	2193-4126	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
381	Experimental and theoretical investigations of Mn-N-codoped TiO2 photocatalyst for visible light induced degradation of organic pollutants	N Sharothi, D Sharma, D Sud	Chemistry	Journal of Materials Research and Technology <a href="https://doi.org/10.1016/j.jmrt.2019.07.008">https://doi.org/10.1016/j.jmrt.2019.07.008</a>	84	2019	2238-7854	<a href="https://doi.org/10.1016/j.jmrt.2019.07.008">https://doi.org/10.1016/j.jmrt.2019.07.008</a>
382	Experimental and theoretical studies on structure, bonding and luminescence properties of Eu(III) and Tb(III) complexes of a new macrocyclic based SHQ ligand	Rohini; Baral, Minati; Kanungo, B. K.	Chemistry	JOURNAL OF COORDINATION CHEMISTRY <a href="https://doi.org/10.1080/00958972.2019.1605064">https://doi.org/10.1080/00958972.2019.1605064</a>	85	2019	0095-8972	<a href="https://doi.org/10.1080/00958972.2019.1605064">https://doi.org/10.1080/00958972.2019.1605064</a>
383	Experimental investigation on surface characteristics in Electrical Discharge Surface Grinding (EDSG) of 6061Al/Al2O3p-10% composite",	HK SS R. Choudhary	Mechanical	Advances in Materials and Processing Technologies <a href="https://doi.org/10.1080/00958972.2019.1605064">https://doi.org/10.1080/00958972.2019.1605064</a>	86	2019	2374-0698	<a href="https://www.tandfonline.com/loc/imp20/current">https://www.tandfonline.com/loc/imp20/current</a> <a href="https://ml.clarivate.com/search-results?issn=2374-0698&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=2374-0698&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
384	Exploiting the influence of heat moisture treatment on physicochemical, pasting, structural and morphological properties of mango kernel starches from Indian cultivars	Bharti, I., Singh, S., & Saxena, D. C.	Food Engineering & Technology	LWT-FST,110, 197-206. <a href="https://doi.org/10.1016/j.lwt.2019.04.082">https://doi.org/10.1016/j.lwt.2019.04.082</a>	87	2019	0023-6438	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
385	Extraction of hexavalent chromium by environmentally benign green emulsion liquid membrane using tridodecylamine as an extractant.	A Kumar, A Thakur, PS Panesar.	Chemical Engineering	Journal of Industrial and Engineering Chemistry <a href="https://doi.org/10.1016/j.jiec.2018.11.002">https://doi.org/10.1016/j.jiec.2018.11.002</a>	88	2019	1226086X	<a href="https://www.scopus.com/sourceid/130056">https://www.scopus.com/sourceid/130056</a>
386	Extraction of hexavalent chromium by environmentally benign green emulsion liquid membrane using tridodecylamine as an extractant.	Anil Kumar, Avinash Thakur and Pamjit S. Panesar	Food Engineering & Technology	Journal of Industrial and Engineering Chemistry,70, 394-401. <a href="https://doi.org/10.1016/j.jiec.2018.11.002">https://doi.org/10.1016/j.jiec.2018.11.002</a> . (IF- 6.760)	89	2019	1226-086X	<a href="https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://ugcare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>

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388	Flexible Fault tolerance in cloud through replicated cooperative resource aware	Major Singh, Moiz Hasan	Department of Computer Science and Engineering	Computer Communications <a href="https://doi.org/10.1016/j.comcom.2019.06.005">https://doi.org/10.1016/j.comcom.2019.06.005</a>	91	2019	0140-3664	<a href="https://www.sciencedirect.com/science/article/pii/S1049251419300012">https://www.sciencedirect.com/science/article/pii/S1049251419300012</a>
389	Purified Production from rice straw using oxalic acid hydrolysis and sulphuric acid dehydration pretreatment	Sinha, A. S. K., Dhanraj, R. R.	Chemical Engineering	PRAMANA RESEARCH JOURNAL	92	2019	2249-2976	<a href="https://www.pramanaresearch.org/gallery/entry/2796.pdf">https://www.pramanaresearch.org/gallery/entry/2796.pdf</a>
390	Generalized King- Trush method and its multi-step iteration in Banach spaces	Sharma JR, Kumar S, Argyros IK	Mathematics	Journal of Complexity <a href="https://doi.org/10.1016/j.joc.2019.02.003">https://doi.org/10.1016/j.joc.2019.02.003</a>	93	2019	0885-064X	<a href="https://www.sciencedirect.com/journal/journal-of-complexity">https://www.sciencedirect.com/journal/journal-of-complexity</a>
391	Goods and Service tax in India-Issues and Challenges	Smeeta Jain, Pawan Kumar Dhaman	Management and Humanities	Journal of Information and Computational Science (China) Zhongshan Daxue University. (UOC- Care Listed Journal)	94	2019	1548- 7741	<a href="https://easnet.org/Uploads/Upload/2255EAP0618118.pdf">https://easnet.org/Uploads/Upload/2255EAP0618118.pdf</a>
392	Grasshopper optimization algorithm based approach for the optimization of ensemble classifier and feature selection to classify epileptic EEG signals	Garwinder Singh, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Medical & Biological Engineering & Computing <a href="https://doi.org/10.1007/s11517-019-01951-w">https://doi.org/10.1007/s11517-019-01951-w</a>	95	2019	1741-0444	<a href="https://www.springer.com/journal/11517">https://www.springer.com/journal/11517</a>
393	Grasshopper optimization algorithm-based approach for the optimization of ensemble classifier and feature selection to classify epileptic EEG signals	Garwinder Singh, Birmohan Singh and Manpreet Kaur	Electrical & Instrumentation Engineering	Medical & Biological Engineering & Computing <a href="https://doi.org/10.1007/s11517-019-01951-w">https://doi.org/10.1007/s11517-019-01951-w</a>	96	2019	0140-0118	<a href="https://www.springer.com/journal/11517">https://www.springer.com/journal/11517</a>
394	GR-T: Grammatical to Roman Transliteration System using Character Mapping and Handcrafted Rules	Shailendra Kumar Singh, Manoj Kumar Sachan	Department of Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering <a href="http://doi.org/10.35940/ijtee.I8836.0718919">http://doi.org/10.35940/ijtee.I8836.0718919</a>	97	2019	2278-3075	<a href="https://www.ijtee.org/">https://www.ijtee.org/</a>
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396	Hybrid Intelligence based Routing Protocols in Wireless Sensor Networks: A Survey	Tanupreet Kaur, Dilip Kumar.	ECE	International Journal of Sensors, Wireless Communications and Control <a href="https://doi.org/10.2174/221037908666181001105319">https://doi.org/10.2174/221037908666181001105319</a>	99	2019	1841-9836 / 1841-9844	<a href="https://www.ccsenet.org/journal/view/doi?id=10.5539/ijswc.v11n10.10001">https://www.ccsenet.org/journal/view/doi?id=10.5539/ijswc.v11n10.10001</a>
397	Hybridization of feature selection and feature weighting for high dimensional data	Dalwinder Singh, Birmohan Singh	Department of Computer Science and Engineering	Applied Intelligence <a href="https://doi.org/10.1007/s10489-018-1348-2">https://doi.org/10.1007/s10489-018-1348-2</a>	100	2019	1573-7497	<a href="https://www.springer.com/journal/10489">https://www.springer.com/journal/10489</a>
398	Impact of cryogenic treatment on mechanical behaviour and microstructure of Ti-6Al-4V ELI biomedical.	Anil Singla, Jagtar Singh, Vishal Sharma	Mechanical	Journal of Materials Engineering and Performance <a href="https://doi.org/10.1007/s11665-019-04338-y">https://doi.org/10.1007/s11665-019-04338-y</a>	101	2019	1059-9495 / 1544-1024	<a href="https://www.springer.com/journal/11665">https://www.springer.com/journal/11665</a>
399	Impact of Training Programs on the Performance of Employees of the Banking Sector: A Review	Sanjeev Bansal, Manjiva Garg	Management and Humanities	Our Heritage	102	2019	0474-9030	<a href="http://www.ourheritage.org/pdf/2145.pdf">http://www.ourheritage.org/pdf/2145.pdf</a>
400	Impact Toughness, Fatigue Crack Growth and Corrosion Behavior of Thermally Aged UNS S32205 Duplex Stainless Steel	Jasjit Singh and A.S. Shahi	Mechanical	Transactions of Indian Institute of Metals <a href="https://doi.org/10.1007/s12066-019-01574-7">https://doi.org/10.1007/s12066-019-01574-7</a>	103	2019	0975-1645	<a href="https://www.springer.com/journal/12667">https://www.springer.com/journal/12667</a>
401	Improvement in selectivity of ozone bleaching using DTPA as carbohydrate protector for wheat straw pulp	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Chemical Engineering	Nordic Pulp and Paper Research Journal <a href="https://doi.org/10.1515/npprj-2020-0062">https://doi.org/10.1515/npprj-2020-0062</a>	104	2019	20000669	<a href="https://www.scopus.com/urnid/detail/urn:uuid:857203513916">https://www.scopus.com/urnid/detail/urn:uuid:857203513916</a>
402	Influence of alkali treatment on physicochemical, pasting, rheological and structural properties of mango kernel starches derived from Indian cultivars	Bharti, I., Singh, S., & Saxena, D. C.	Food Engineering & Technology	International Journal of Biological Macromolecules 125, 103-112. <a href="https://doi.org/10.1016/j.ijb.2018.12.034">https://doi.org/10.1016/j.ijb.2018.12.034</a>	105	2019	0141-8130	<a href="https://www.sciencedirect.com/journal/ijb">https://www.sciencedirect.com/journal/ijb</a>
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404	Influence of intermetallic precipitation on metallurgical, mechanical and pitting behavior of AISI 2205 duplex stainless steel welded joints	Mohd. Majid and A. S. Shahi	Mechanical	Materials Research Express <a href="http://doi.org/10.1088/2053-1591/ab39ef">http://doi.org/10.1088/2053-1591/ab39ef</a>	107	2019	2053-1591	<a href="https://iopscience.iop.org/journal/2053-1591">https://iopscience.iop.org/journal/2053-1591</a>
405	Investigation of structural, hysteresis and electromagnetic parameters for microarray application in doped Ba-Sr hexagonal ferrites at X-band	Harvinita Kaur, Anupam Marwaha, Charanjit Singh, Sukhleen Bindra Narang, Rajshree Jotania, Silvia Jacobo, ASB Sombra, SV Trukhanov, AV Trukhanov, Preksha Dhu	ECE	Journal of Alloys and Compounds	108	2019	0925-8388 / 1873-4669	<a href="https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds">https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds</a>
406	Investigation of Tribological Behaviour of Al-4032 Based Metal Matrix Composite using Taguchi's Optimization Approach	Deepak Kumar and Pradeep K.Singh	Mechanical	Materials Today: Proceedings	109	2019	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a>
407	Investigations on amphoteric Chitosan/TO2 bio-nanocomposites for application in visible light induced photocatalytic degradation	M. Bahal, N. Kaur, NidhiShastri and Dhirej Sad	Chemistry	Advances in Polymer Technology	110	2019	1098-2329	<a href="https://doi.org/10.1155/2019/2345631">https://doi.org/10.1155/2019/2345631</a>
408	Kinetic study of extrusion cooking of corn-rice flour blend fortified with nutritional concentrates with respect to various physical parameters	Kour, J., Singh, S. and Saxena, D.C.	Food Engineering & Technology	British Food Journal, Vol. 122 No. 2, pp. 586-605. <a href="https://doi.org/10.1108/BJF-06-2019-0389">https://doi.org/10.1108/BJF-06-2019-0389</a>	111	2019	0007-070X	<a href="https://www.emerald.com/insight/fulltext.aspx?doi=10.1108/BJF-06-2019-0389">https://www.emerald.com/insight/fulltext.aspx?doi=10.1108/BJF-06-2019-0389</a>
409	L(+)-Lactic acid production by immobilized Lactobacillus casei using low cost agro-industrial waste as carbon and nitrogen sources	A Thakur, PS Panesar, MS Saini	Chemical Engineering	Waste and Biomass Valorization	112	2019	1872-265X	<a href="https://www.scopus.com/urnid/detail/urn:uuid:857197711776">https://www.scopus.com/urnid/detail/urn:uuid:857197711776</a>
410	L(+)-Lactic acid production by immobilized Lactobacillus casei using low cost agro-industrial waste as carbon and nitrogen sources	Avinash Thakur, Parmit J. Panesar and Manohar S. Saini	Food Engineering & Technology	Waste and Biomass Valorization,10(5), 1119-1129. <a href="https://doi.org/10.1007/s12640-017-01829-1">https://doi.org/10.1007/s12640-017-01829-1</a> (IF- 3.449)	113	2019	1872-265X	<a href="https://www.sciencedirect.com/journal/waste-and-biomass-valorization">https://www.sciencedirect.com/journal/waste-and-biomass-valorization</a>
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412	Lactic Acid Extraction from Agarose System by Emulsion Liquid Membrane Separation Process Using Statistical Experimental Design	A Thakur	Chemical Engineering	Polytechnica.	115	2019	1671024X	<a href="https://www.scopus.com/urnid/detail/urn:uuid:857197711776">https://www.scopus.com/urnid/detail/urn:uuid:857197711776</a>
413	Lignin Separation From Black Liquor of agro-based Medium and Small Scale Paper Industry for Sustainable Development	Sinha, A. S. K., Kamboj R.	Chemical Engineering	IPPTA	116	2019	3795462	<a href="https://www.scopus.com/urnid/detail/urn:uuid:857197711776">https://www.scopus.com/urnid/detail/urn:uuid:857197711776</a>
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418	Manufacturing Excellence through Total Productive Maintenance Implementation in an Indian Industry: A Case Study	Gupta P., Hooda A.	Mechanical	International Journal of Mechanical and Production Engineering, Research and Development	121	2019	2321-2071	<a href="https://www.sciencedirect.com/journal/international-journal-of-mechanical-and-production-engineering-research-and-development">https://www.sciencedirect.com/journal/international-journal-of-mechanical-and-production-engineering-research-and-development</a>
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420	Marketing, Mobile and future of Mobile Advertisement: Life Changing through Mobile	Ms. Bharti, Dr. Sanjeev Kumar Garg, Dr. Mandeep Chai	Management and Humanities	International Journal of Psychosocial Rehabilitation,	123	2019	1475-7192	<a href="https://www.psychosocial.com/">https://www.psychosocial.com/</a>
421	Maximal coverage hybrid search algorithm for deployment in wireless sensor networks	Triptoj Singh Panag and J.S. Dhillon	Electrical & Instrumentation Engineering	Wireless Networks	124	2019	1022-0038	<a href="https://www.sciencedirect.com/journal/wireless-networks">https://www.sciencedirect.com/journal/wireless-networks</a>
422	Measurement and Optimization of Performance Parameters of Linear Switched Reluctance Motor Using Finite Element Method	Nisha Prasad, Shikendra Jain and Sushma Gupta	Electrical & Instrumentation Engineering	MAPAN Journal	125	2019	0970-3950	<a href="https://www.sciencedirect.com/journal/mapan">https://www.sciencedirect.com/journal/mapan</a>
423	Metallurgical, impact and fatigue performance of electron beam welded duplex stainless steel joints	Jasjit Singh and A.S. Shahi.	Mechanical	Journal of Materials Processing Technology	126	2019	0924-0136	<a href="https://www.sciencedirect.com/journal/journal-of-materials-processing-technology">https://www.sciencedirect.com/journal/journal-of-materials-processing-technology</a>
424	Microgrid: Configurations, Control and Applications	Miloud Rezkallah, Amrishi Chandra, Sanjeev Singh, and Bhim Singh	Electrical & Instrumentation Engineering	IEEE Transactions on Smart Grid	127	2019	1949-3053	<a href="https://www.sciencedirect.com/journal/ieee-transaction-on-smart-grid">https://www.sciencedirect.com/journal/ieee-transaction-on-smart-grid</a>
425	Modelling Creep Response of a Functionally Graded Rotating Disc with Exponential Reinforcement Gradient	R Singh, RK Saxena, K Khanna, VK Gupta	Mechanical	Materials Today: Proceedings	128	2019	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a>
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427	Moisture Sorption Isotherm Modeling Approach and Effect of Packaging Material on Quality Changes in Extruded Product Stored Under Controlled Conditions	Sharma, R., Srivastava, T., & Saxena, D. C.	Food Engineering & Technology	Journal of Packaging Technology and Research 3, 57-65. <a href="https://doi.org/10.1007/s41783-018-0052-3">https://doi.org/10.1007/s41783-018-0052-3</a>	130	2019	2520-1034	<a href="https://www.sciencedirect.com/journal/journal-of-packaging-technology-and-research">https://www.sciencedirect.com/journal/journal-of-packaging-technology-and-research</a>
428	Multi-objective combined heat and power unit commitment using particle swarm optimization	Himanshu Anand, Nain Narang and J.S. Dhillon	Electrical & Instrumentation Engineering	Energy	131	2019	0360-5442	<a href="https://www.sciencedirect.com/journal/energy">https://www.sciencedirect.com/journal/energy</a>
429	Multi-response Optimization using TGRA for End Milling of AISI H11 Steel Alloy Using Carbide End Mill	Pradeep K Singh, Pardeep Saini and Inder Kaur	Mechanical	Journal of Physics: Conference Series	132	2019	1742-6598	<a href="https://iopscience.iop.org/journal/1742-6598">https://iopscience.iop.org/journal/1742-6598</a>
430	Next generation Internet of things and cloud security solutions	Manoj Kumar Verma, Khushi Nishant, Carlon, Manuel Moreno and Chao-Tung Yang	Department of Computer Science and Engineering	International Journal of Distributed Sensor Networks	133	2019	15501477	<a href="https://www.sagepub.com/journal/ijdsn">https://www.sagepub.com/journal/ijdsn</a>
431	Noninvasive Temperature Measuring and Early Fault Detecting System for Manufacturing Industry	Kumar Gaurav Suman, Dilip Kumar	ECE	MAPAN, Springer	134	2019	0970-3950 / 0974-9853	<a href="https://www.sciencedirect.com/journal/mapan">https://www.sciencedirect.com/journal/mapan</a>
432	Novel Green Synthesis and Characterization of the Antioxidant Activity of Silver Nanoparticles Prepared from Nepeta leucophylla Root Extract	Singh, Jagdeep; Dhalwal, Anurjit Singh	Physics	ANALYTICAL LETTERS	135	2019	1532-236X	<a href="https://www.sciencedirect.com/journal/analytical-letters">https://www.sciencedirect.com/journal/analytical-letters</a>
433	Numerical inverse Laplace transform for solving a class of fractional differential equations	Rani D, Mishra V, Cattani C	Mathematics	Symmetry	136	2019	2073-8994	<a href="https://www.mdpi.com/journal/symmetry/indexing">https://www.mdpi.com/journal/symmetry/indexing</a>

434	On a Bi-Parametric Family of Fourth Order Composite Newton-Jarrat Methods for Nonlinear Systems	Sharma JR, Kumar D, Argonno IK, Magreñán AA	Mathematics	Mathematics	137	2019	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
435	On a class of efficient higher order Newton-like methods	Sharma JR, Kumar D	Mathematics	Mathematical Modelling and Analysis	138	2019	13926292	<a href="https://ojs.iaeng.org/index.php/IJMAA">https://ojs.iaeng.org/index.php/IJMAA</a>
436	On a class of optimal fourth order multiple root solvers without using derivatives	Sharma JR, Kumar S, Jiatschi L	Mathematics	Symmetry	139	2019	2073-8994	<a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a>
437	On a question of Bhatia, Friedland and Jain	Kapil Y, Kaur R, and Singh M	Mathematics	Linear and Multilinear Algebra	140	2019	0308-1087	<a href="https://www.tandfonline.com/action/journalInformation?show=JournalCode&amp;code=dlm30">https://www.tandfonline.com/action/journalInformation?show=JournalCode&amp;code=dlm30</a>
438	On a reduced cost higher order Traub-Steffensen-Like method for nonlinear systems	Sharma JR, Kumar D, Jiatschi L	Mathematics	Symmetry	141	2019	2073-8994	<a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a>
439	On the Design of a Novel Fractal Antenna for Spectrum Sensing in Cognitive Radio.	M Aggarwal, Anwar Pariaz Singh Pharwaha	ECE	Applied Computational Electromagnetics Society Journal	142	2019	1054-4887 / 1943-5711	<a href="https://ml.clarivate.com/search-results?term=1054-4887&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=1054-4887&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
440	On the Development of a Modified Triangular Patch Antenna Array for 4.9 GHz Public Safety WLAN	Gurmeet Singh, Amar Pariaz Singh Pharwaha	ECE	Advanced Electromagnetics	143	2019	2119-0275	<a href="https://ml.clarivate.com/search-results?term=2119-0275&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=2119-0275&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
441	One-point optimal family of multiple root solvers of second-Order	Kumar D, Sharma JR, Cesarano C	Mathematics	Mathematics	144	2019	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
442	Optical Properties Simulation of Magneto-Plasmonic Alloys Nanostructures	Bhatia, Pradeep, Verma, S. S., Sishu, M. M.	Physics	PLASMONICS	145	2019	1557-1955	Plasmonics   Home (springer.com)
443	Optimization of a Modified Rectangular Patch Antenna Array for X band Applications	Ashish Kumar, Anwar Pariaz Singh Pharwaha	ECE	Indian Journal of Science and technology	146	2019	0974-6846 / 0974-5645	<a href="https://ml.clarivate.com/search-results?term=0974-6846&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=0974-6846&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
444	Optimization of gluten free biscuit from foxtail, coira meal and amaranth	Singh, A. and Kumar, P.	Food Engineering and Technology	Food Science and Technology, 39, 43-49 https://doi.org/10.1590/ft.22917	147	2019	0975-8402	<a href="https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148">https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148</a>
445	Optimization of ozone bleaching conditions for improving wheat straw pulp quality using response surface methodology	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R	Chemical Engineering	Ozone: Science and Engineering	148	2019	1547-6545	<a href="https://www.scopus.com/uriid/detail.uri?uriid=573035119316">https://www.scopus.com/uriid/detail.uri?uriid=573035119316</a>
446	Optimization of process parameters on hydrosynthetic furfural content, diastase and invertase activity of coriander honey	R Kamboj, RS Sandhu, RSS Kaler, MB Bera, V Nanda	Food Engineering & Technology	Journal of food science and technology 56 (7), 3205-3214. https://doi.org/10.1007/s13197-019-03774-x	149	2019	21934126	<a href="https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148">https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148</a>
447	Parametric optimization of green synergistic reactive extraction of lactic acid using triethylamine, Alqua336, and butan-2-ol in sunflower oil by response surface methodology	A Kumar, A Thakur.	Chemical Engineering	Chemical Engineering Communications	150	2019	1563-5201	<a href="https://www.scopus.com/uriid/detail.uri?uriid=57107711776">https://www.scopus.com/uriid/detail.uri?uriid=57107711776</a>
448	Performance Analysis of Mobile Nodes in Mobile Ad-hoc Networks using Enhanced Manhattan Mobility Model	Saiveer Kour, Jagpal Singh Ubb	ECE	Journal of Scientific and Industrial Research	151	2019	0022-4456 / 0975-1084	<a href="https://ml.clarivate.com/search-results?term=0022-4456&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=0022-4456&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
449	Performance comparison of classifiers for bilingual gurmukhi-online handwriting recognition system	Manoj Kumar Sachan, Garpreet Singh	Department of Computer Science and Engineering	International Journal of Engineering and Advanced Technology	152	2019	2249-8958	<a href="https://www.ijeaat.org/">https://www.ijeaat.org/</a>
450	Performance enhancement of traffic information gathering algorithm for vehicular ad-hoc networks	Rajeev Kumar, Dilip Kumar and Dinesh Kumar	ECE	International Journal of Communication system	153	2019	1074-5351 / 1099-1131	<a href="https://ml.clarivate.com/search-results?term=1074-5351&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=1074-5351&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
451	Performance evaluation and optimization of solar assisted air heater with discrete multiple arc shaped ribs	Rajneesh Kumar, Varun Goel, Paramjit Singh, Abhishek Saxena, Abhishek Singh Kashyap, Ankit Rai	Chemical Engineering	Journal of Energy Storage	154	2019	2352-152X	<a href="https://www.scopus.com/uriid/detail.uri?uriid=57107711776">https://www.scopus.com/uriid/detail.uri?uriid=57107711776</a>
452	Peroxidase as indicator enzyme of Blanching in bottle gourd ( <i>Lagenaria siceraria</i> ): Changes in enzyme activity, color, and morphological properties during blanching	Subeela Bhat, Charanjit Singh Saini, Manish Kumar and Harish Kumar Sharma	Food Engineering and Technology	Journal of Food Processing and Preservation, 43(8):1-11. https://doi.org/10.1111/jfpp.14017	155	2019	1745-4549	<a href="https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148">https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148</a>
453	Phase analysis and reduction behaviour of Ce dopant in zirconolite	S.S. Ghuman	Physics	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	156	2019	0236-5731	Journal of Radioanalytical and Nuclear Chemistry   Home (springer.com)
454	Photocatalytic degradation of monocrotophos using TiO2 photocatalyst: identification of intermediates by chromatographic techniques and reaction pathway	Paranjot Kaur, Priti Bansal, Dhruj Sud	Chemistry	Desalination and Water Treatment	157	2019	19443994	10.5004/dwt.2019.23830
455	Physicochemical, molecular and thermal properties of high-intensity ultrasound (HIUS) treated protein isolates from album ( <i>Chenopodium album</i> ) seed.	Nisar A. Mr, Charanjit S. Riar, Sukhcham Singh	Food Engineering & Technology	Food Hydrocolloids, 96, 433-441. https://doi.org/10.1016/j.foodhyd.2019.05.052. (Impact factor: 11.504)	158	2019	0268-005X	<a href="https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148">https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148</a>
456	Plasmon enhanced light trapping in thin film GaAs solar cells by Al nanoparticle array	Singh, Gurjit, Verma, S. S.	Physics	PHYSICS LETTERS A	159	2019	0375-9601	Physics Letters A   Journal   ScienceDirect.com by Elsevier
457	Possibilities of laser amplification and measurement of the field structure of ultrashort pulses in the range of 2.7 – 3 μm in erbium-ion-doped tellurite glass fibres	Elena Anabikina, Vasily Doroferov, S.V. Marayev, Sergei Motazin, Aleksei Vyschedlovich Andrianov, Arseny A Sorokin, Maksim Kopeev, Surinder Singh, and Arkady Kim	ECE	Quantum Electronics	160	2019	1063-7818 / 1468-4799	<a href="https://ml.clarivate.com/search-results?term=1063-7818&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=1063-7818&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
458	Probing swift heavy ion irradiation damage in Nd-doped zirconolite	S.S. Ghuman	Physics	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B: BEAM INTERACTIONS WITH MATERIALS AND ATOMS	161	2019	0168-583X	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms   Journal   ScienceDirect.com by Elsevier
459	Process optimization of polyphenol-rich milk powder using hot pollen based on physico-chemical and functional characteristics.	Manta Thakur and Vikas Nanda	Food Engineering and Technology	Journal of Food Processing and Preservation, Engg. e13148	162	2019	01458892, 17454549	<a href="https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148">https://agcare.unipune.ac.in/Apps1/User/Web/CA/86148</a>
460	Product Strategies by Small Retailers in Punjab	Pankaj Kumar, Sanjeev Bansal, Mahesh Arora & Kiran Rani	Management and Humanities	International Journal of Scientific & Technology Research	163	2019	2277-8616	SCOPUS: <a href="http://www.ijstr.org/initial-print/no2019/Product-Strategies-By-Small-Retailers-In-Punjab.pdf">http://www.ijstr.org/initial-print/no2019/Product-Strategies-By-Small-Retailers-In-Punjab.pdf</a>
461	Product Strategies by Small Retailers in Punjab	Pankaj Kumar, Sanjeev Bansal, Mahesh Arora & Kiran Rani	Management and Humanities	International Journal of Scientific & Technology Research	164	2019	2277-8616	<a href="https://www.ijstr.org/">https://www.ijstr.org/</a>
462	Profit based unit commitment using memetic binary differential evolution algorithm	Jaidev Singh Dhaliwal, and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied soft computing journal	165	2019	1568-4946	Consortium for Academic and Research Ethics (unipune.ac.in)
463	Public Transport System-A Boon to National Development	Pawan Kumar Dhimant, Seema Jain	Management and Humanities	Journal of Gujarat Research Society	166	2019	0374-8588	<a href="http://www.gujaratresearchsociety.in/index.php/GJS">http://www.gujaratresearchsociety.in/index.php/GJS</a>
464	QoS mechanisms for MAC protocols in wireless sensor networks: a survey	Tanupreet Kaur, Dilip Kumar	ECE	IET Communications	167	2019	1751-8628 / 1751-8636	<a href="https://ml.clarivate.com/search-results?term=1751-8628&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=1751-8628&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
465	Quality attributes of germinated amaranth flour pasta supplemented with different hydrocolloids	Chauhan, A., Saxena, D. C., & SINGH, S.	Food Engineering & Technology	Journal of Advances in Food Science & Technology, 6(3), 121-129. Retrieved from https://www.ikpress.org/index.php/IAFSAT/article/view/4835	168	2019	2454-4213	
466	Reactive extraction of lactic acid using environmentally benign, green solvents and a synergistic mixture of extractants.	A Kumar, A Thakur.	Chemical Engineering	Scientia Iranica.	169	2019	2345-3605	<a href="https://www.scopus.com/uriid/detail.uri?uriid=57107711776">https://www.scopus.com/uriid/detail.uri?uriid=57107711776</a>
467	Recent Advances in Applications of Supported Ionic Liquids	Pawanpreet Kaur, Harish Kumar Chopra	Chemistry	Current Organic Chemistry	170	2019	1385-2728	<a href="https://doi.org/10.2174/13852728366610120415180">https://doi.org/10.2174/13852728366610120415180</a>
468	Recent developments on sustainable solvents for emulsion liquid membrane processes	A Kumar, A Thakur, PS Panesar	Chemical Engineering	Journal of Cleaner Production	171	2019	2666-7916	<a href="https://www.scopus.com/uriid/detail.uri?uriid=57107711776">https://www.scopus.com/uriid/detail.uri?uriid=57107711776</a>
469	Recognition of Underlying Causes of Power Quality Disturbances Using Stockwell Transform	Rajat Kumar, Bhim Singh, Rajkumar, and Sanjay Marwah	Electrical & Instrumentation Engineering	IEEE Transactions on Instrumentation and Measurement	172	2019	0018-9456	Consortium for Academic and Research Ethics (unipune.ac.in)
470	Reconstruction of optical pulse intensity and phase based on SPM spectra measurements in a microstructured tellurite fiber in telecommunication range	A. Anabikina, Maxim Kopeev, Alexey Andrianov, Vasily V. Doroferov, Surinder Singh, Larkesh Bhatia, Geri Leuchs, and Arkady Kim	ECE	Journal of Lightwave Technology	173	2019	0733-8724 / 1558-2213	<a href="https://ml.clarivate.com/search-results?term=0733-8724&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?term=0733-8724&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
471	SEIG-Based Renewable Generation for MVDC Ship Power System with Improved Power Quality	Jitendra Kumar Tandekar, Amit Ojha, and Shaileendra Jain	Electrical & Instrumentation Engineering	Electric Power Components and Systems	174	2019	1532-5008	Consortium for Academic and Research Ethics (unipune.ac.in)
472	SEIG-based renewable power generation and compensation in MVDC ship power system	Jitendra Kumar Tandekar, Amit Ojha, Suresh Das, Pankaj Swarnkar and Shaileendra Jain	Electrical & Instrumentation Engineering	International Transactions on Electrical Energy Systems	175	2019	2050-7038	Consortium for Academic and Research Ethics (unipune.ac.in)
473	Semi-interpenetrating networks of biopolymer chitosan/acrylic acid and thiourea hydrogels: synthesis, characterization and their potential for removal of cadmium	Navneet Bhullar, Kamlesh Kumari, Dhruj Sud	Chemical Engineering	Iranian Polymer Journal	176	2019	1026-1265	<a href="https://www.scopus.com/uriid/detail.uri?uriid=57108193454">https://www.scopus.com/uriid/detail.uri?uriid=57108193454</a>
474	Semi-interpenetrating networks of biopolymer chitosan/acrylic acid and thiourea hydrogels: synthesis, characterization and their potential for removal of cadmium	Navneet K. Bhullar, Kamlesh Kumari & Dhruj Sud	Chemistry	Iranian Polymer Journal	177	2019	71352428	<a href="https://doi.org/10.1007/s13726-019-00693-8">https://doi.org/10.1007/s13726-019-00693-8</a>

475	SemiVerb system: classification of social media text using sentiment analysis	Shailendra Kumar Singh, Manoj Kumar Sachan	Department of Computer Science and Engineering	Multimedia Tools and Applications	178	2019	1573-7721	<a href="https://www.springer.com/journal/11042">https://www.springer.com/journal/11042</a>
476	Simulation based design of Production and Multi echeckon supply chain network for job shop manufacturing environment: A Case Study	Jagpreet Sharma, Arvind Jayant, Mohit Tyagi	Mechanical	IOP Journal of Physics	179	2019	1742-6597	<a href="https://iopscience.iop.org/journal/1742-6597">https://iopscience.iop.org/journal/1742-6597</a> <a href="https://www.scopus.com/sourceid/130054">https://www.scopus.com/sourceid/130054</a>
477	Size dependent plasmonic properties of Ag@Ag & Cs@ Ag liquid-metal nanoparticles	Bhardwaj, Akanksha; Verma, S. S.	Physics	OPTICS COMMUNICATIONS	180	2019	0030-4018	Optics Communications   Journal   ScienceDirect.com by Elsevier
478	Size-Dependent RIS and FOM of Ag-Fe and Au-Fe Bimetallic Alloys in Triangular Prism: a DDA Study	Bhatia, Pradeep, Verma, S. S.; Sinha, M. M.	Physics	PHOTONIC SENSORS	181	2019	1674-9251	Photonic Sensors   Home   Springer.com
479	Slurry Erosion Behavior of HVOF-Sprayed WC-10Co-4Cr Coated SS 316 Steel with and Without PTFE Modification.	Anuj Bansal Jagtar Singh Harpreet Singh	Mechanical	Journal of Thermal Spray Technology	182	2019	1059-9630	<a href="https://www.springer.com/journal/11666">https://www.springer.com/journal/11666</a> <a href="https://ngl.clarivate.com/search-results?source=1059-9630&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?source=1059-9630&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
480	Solutions of Volterra integral and integro-differential equations using modified Laplace Adomian decomposition method	Rani D. Mishra V.	Mathematics	Journal of Applied Mathematics, Statistics and Informatics	183	2019	1339-0015	<a href="https://sciendo.com/journal/IAMSI">https://sciendo.com/journal/IAMSI</a>
481	Solving linear fractional order differential equations by Chebyshev polynomials based numerical inverse Laplace transform	Rani D. Mishra V.	Mathematics	Mathematics in Engineering, Science & Aerospace	184	2019	2041-31734	<a href="http://online.elsevier.com/online.php/mesa/about">http://online.elsevier.com/online.php/mesa/about</a>
482	Some feasible studies for recycling of steel slag as a useful flux for submerged arc welding	Sumit Saini and Kulwant Singh	Mechanical	Journal of Advanced Manufacturing Systems	185	2019	1793-6896	<a href="https://www.worldscientific.com/worldscinet/jams">https://www.worldscientific.com/worldscinet/jams</a> <a href="https://ngl.clarivate.com/search-results?source=1059-6896&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?source=1059-6896&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
483	Some new harmonic mappings convex in one direction and their convolution	Singla C, Gupta S, Singh S	Mathematics	Filomat	186	2019	2406-0933	<a href="https://www.scijournal.org/impact-factor-of-filomat-share">https://www.scijournal.org/impact-factor-of-filomat-share</a>
484	Standing of Social Media for Hotel Industry	Bharti, Dr. Mandep Ghai	Management and Humanities	International Journal of Research and Analytical Reviews (IJRAR)	187	2019	2348-1269	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>
485	Statistical modeling of $\beta$ -galactosidase production from novel yeast isolate using chemostat	Shweta Kumari, Parag S. Panesar, Rupinder Kaur and Manoh B. Bera	Food Engineering & Technology	Journal of Scientific and Industrial Research/78(2), 81-85. <a href="http://www.scribd.com/doc/45767">http://www.scribd.com/doc/45767</a> (IF-0.4555)	188	2019	0975-1084	<a href="https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList">https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList</a>
486	Statistical Optimization of Lactic Acid Extraction Using Green Solvent and Mixed Extractants (TDA and TOMAC)	A Kumar, A Thakur	Chemical Engineering	Chemical Engineering Research Bulletin	189	2019	2072-9510	<a href="https://www.scopus.com/oaurl/detail.url?uaurl=doi:10.1071/1770">https://www.scopus.com/oaurl/detail.url?uaurl=doi:10.1071/1770</a>
487	Storage stability determination of calorie deficit gluten-free biscuit: Trencher concept	Singh, A. and Kumar, P.	Food Engineering and Technology	Journal of Food Processing and Preservation/43(5), e1392 <a href="https://doi.org/10.1111/jfpf.12927">https://doi.org/10.1111/jfpf.12927</a>	190	2019	1745-4549	<a href="https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList">https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList</a>
488	Structural effect on the central cavity of a pendant 12M3 macrocycle on bonding and photophysical properties of Eu <sup>3+</sup> and Tb <sup>3+</sup> complexes: Experimental and theoretical study	Rohini, Baral, Minati, Kanungo, B. K.	Chemistry	JOURNAL OF MOLECULAR STRUCTURE	191	2019	0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2019.02.032">https://doi.org/10.1016/j.molstruc.2019.02.032</a>
489	Study on Morphology and Mechanical Properties of Stochiometrically Developed Al-Cu-Mg Cast Alloy	R Kumar, V Sahni	Mechanical	International Journal of Mechanical Engineering and Technology	192	2019	0976-6359	<a href="https://journals.indjones.org/search/details?id=40843">https://journals.indjones.org/search/details?id=40843</a> <a href="https://www.scopus.com/sourceid/21140308402">https://www.scopus.com/sourceid/21140308402</a>
490	Sustainable supplier selection for battery manufacturing industry: A MOORA and WASPAS Based Approach	Arvind Jayant, Shweta Singh, Aditya Kumar Chandan	Mechanical	IOP Journal of Physics	193	2019	1742-6598	<a href="https://iopscience.iop.org/journal/1742-6598">https://iopscience.iop.org/journal/1742-6598</a> <a href="https://www.scopus.com/sourceid/130055">https://www.scopus.com/sourceid/130055</a>
491	Synthesis and Validation of a Cu Meta-Based Wideband Microwave Absorber on an Antenna Array	Surekha Rani, Anupam Marwaha, Sanjay Marwaha, Sukhleen Bindra Narang, Murthy Chavali, and P. Narasimha Reddy.	ECE	Journal of Electronic Materials.	194	2019	0361-5235 / 1543-186X	<a href="https://ngl.clarivate.com/search-results?source=1543-186X&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ngl.clarivate.com/search-results?source=1543-186X&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
492	Triple band Fractal Antenna for Radio Navigation and Fixed satellite services using thagmity Optimization	Ashwini Kumar, Amar Partap Singh Phawaha.	ECE	Advanced Electromagnetics	195	2019	2119-0275	<a href="https://ngl.clarivate.com/search-results?source=2119-0275&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ngl.clarivate.com/search-results?source=2119-0275&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
493	Tuning the optical properties of Fe-Au core-shell nanoparticles with spherical and spheroidal nanostructures	Bhatia, Pradeep, Verma, S. S.; Sinha, M. M.	Physics	PHYSICS LETTERS A	196	2019	0375-9601	Physics Letters A   Journal   ScienceDirect.com by Elsevier
494	Tuning the optical properties of Fe-Au core-shell nanoparticles with spherical and spheroidal nanostructures	Bhatia, Pradeep, Verma, S. S.; Sinha, M. M.	Physics	PHYSICS LETTERS A	197	2019	0375-9601	Physics Letters A   Journal   ScienceDirect.com by Elsevier
495	Ultrasound-Assisted Facile Synthesis and Antimicrobial Studies of Alkylammonium-bis-benzimidazolium-ionic-liquids	Aniripal Kaur, Anvesh Pal Kaur, Pooam Gantam, Deepika Gantam, RamPal Chaudhary	Chemistry	Journal of Heterocyclic Chemistry	198	2019	0022-152X	<a href="https://doi.org/10.1002/jhet.2591">https://doi.org/10.1002/jhet.2591</a>
496	Valorization of deoiled rice bran by development and process optimization of extrudates.	Sharma, R., Srivastava, T., & Saxena, D. C.	Food Engineering & Technology	Engineering in agriculture, environment and food 12(2) 173-180. <a href="https://doi.org/10.1016/j.eaef.2018.12.005">https://doi.org/10.1016/j.eaef.2018.12.005</a>	199	2019	1881-8566	<a href="https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList">https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList</a>
497	Valorization of fruits and vegetables waste through green extraction of bioactive compounds and their nanoemulsions-based delivery system.	A. Saini, Parag S. Panesar, M.B. Bera	Food Engineering & Technology	Bioresources and Bioprocessing, 6, 26 (2019). <a href="https://doi.org/10.1186/s40643-019-0261-9">https://doi.org/10.1186/s40643-019-0261-9</a> (4.983)	200	2019	2197-4365	<a href="https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList">https://ugcare.unipune.ac.in/Apps/User/Web/CA/ReList</a>
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499	VM selection and allocation policy to optimize VM migration in cloud environment	Neha Garg, Damunpreet Singh, Major Singh Gorya	Department of Computer Science and Engineering	Int J Recent Technol Eng	202	2019	2277-3878	<a href="https://www.ijrte.org/wp-content/uploads/papers/062/2270078219.pdf">https://www.ijrte.org/wp-content/uploads/papers/062/2270078219.pdf</a>
500	Wavelet and total variation based method using adaptive regularization for speckle noise reduction in ultrasound images	Nishtha Rawat, Manminder Singh, Bimohan Singh	Department of Computer Science and Engineering	Wireless Personal Communications <a href="https://doi.org/10.1007/s11277-019-06229-w">https://doi.org/10.1007/s11277-019-06229-w</a>	203	2019	1572-834X	<a href="https://www.springer.com/journal/11277">https://www.springer.com/journal/11277</a>
501	Weld metal composition and aging influence on metallurgical, corrosion and fatigue crack growth behavior of austenitic stainless steel welds	Dikshant Malhotra and A. S. Shahi	Mechanical	Materials Research Express <a href="http://doi.org/10.1088/2053-1591/ab39ef">http://doi.org/10.1088/2053-1591/ab39ef</a>	204	2019	2053-1591	<a href="https://iopscience.iop.org/journal/2053-1592">https://iopscience.iop.org/journal/2053-1592</a> <a href="https://ngl.clarivate.com/search-results?source=2053-1591&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?source=2053-1591&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
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503	Impact of implementing TPM Based Total Cost Management Approach in Indian Manufacturing Industry	Pardeep Gupta & Sachit Vardhan	Mechanical	Int. J. of Services and Operations Management <a href="https://doi.org/10.1504/IJISOM.2022.123332">https://doi.org/10.1504/IJISOM.2022.123332</a>	1	2020	1744-2389	
504	Influence of cryogenic treatment on mechanical performance of friction stir Al-Zn-Cu alloy weldments	Anuj Bansal, Anil Kumar Singh, Vinay Dwivedi, Deepak Kumar Goyal, Jomy Singh, Manish Kumar Gupta, Gregorz M. Kozłowski.	Mechanical	Journal of Manufacturing Processes. <a href="https://doi.org/10.1016/j.jmapro.2020.04.067">https://doi.org/10.1016/j.jmapro.2020.04.067</a>	2	2020	1526-6125 ISSN	<a href="https://www.journals.elsevier.com/journal-of-manufacturing-processes">https://www.journals.elsevier.com/journal-of-manufacturing-processes</a> <a href="https://ngl.clarivate.com/search-results?source=1526-6125&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?source=1526-6125&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
505	<b>Social Media Influencing Small Enterprises in India</b>	<b>Remu, and Sanjeev Bansal</b>	<b>Management and Humanities</b>	<b>International Journal of Emerging Technologies</b>	<b>3</b>	<b>2020</b>	<b>0975-8364</b>	<a href="https://www.researchtrend.net/ijet/ijet-abstract">https://www.researchtrend.net/ijet/ijet-abstract</a>
506	"Optimized null steering in compact bowtie antenna array using simulation driven Taguchi method"	Baljinder Kaur, Anupam Marwaha	ECE	Journal of Metrology and Measurement Systems <a href="http://doi.org/10.24425/jmms.2020.131717">http://doi.org/10.24425/jmms.2020.131717</a>	4	2020	2300-1941	<a href="https://ngl.clarivate.com/search-results?source=2300-1941&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ngl.clarivate.com/search-results?source=2300-1941&amp;hide_exact_match_0=true&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
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509	A Comparative Study of Cubic B-spline-Based Quasi-Interpolation and Differential Quadrature Methods for Solving Fourth-Order Parabolic PDEs	R. C. Mittal, Sudhir Kumar and Ram Jiwari	Mathematics	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences <a href="https://doi.org/10.1007/s40010-020-00684-y">https://doi.org/10.1007/s40010-020-00684-y</a>	7	2020	0369-8203	<a href="https://www.springer.com/journal/40010">https://www.springer.com/journal/40010</a>
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511	A faster King-Werner-type iteration and its convergence analysis	Sharma JR, Argyros IK, Kumar S	Mathematics	Appllicable Analysis <a href="https://doi.org/10.1080/00036811.2019.1569228">https://doi.org/10.1080/00036811.2019.1569228</a>	9	2020	0003-6811	<a href="https://www.tandfonline.com/loi/gaa20/current">https://www.tandfonline.com/loi/gaa20/current</a>
512	A genetic algorithm based leach protocol for cluster head selection to enhance the network lifetime of wireless sensor network	Gurjinder Kaur, Manisha Kumari	Department of Computer Science and Engineering	ICTACT J. Commun. Technology <a href="http://doi.org/10.2101/ictact.2021.0371">http://doi.org/10.2101/ictact.2021.0371</a>	10	2020	2182-2186	ICTACT Journals   Online Journal Websites
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515	A novel health indicator developed using filter-based feature selection algorithm for the identification of rotor defects	A Kumar, CP Gandhi, X Liu, Y Zhou, R Kumar, J Xiang	Mechanical	Proceedings of the Institution of Mechanical Engineers Part O, Journal of ... <a href="https://doi.org/10.1177/1748006X20916953">https://doi.org/10.1177/1748006X20916953</a>	13	2020	1748-0078	<a href="https://journals.sagepub.com/home/piv">https://journals.sagepub.com/home/piv</a> <a href="https://www.scopus.com/sourceid/19300157022">https://www.scopus.com/sourceid/19300157022</a>
516	A review on photocatalytic remediation of environmental pollutants and H <sub>2</sub> production through water splitting: A sustainable approach	Ahmad, K, Ghatak H.R., and Ahuja, S.M	Chemical Engineering	Environmental Technology & Innovation <a href="https://doi.org/10.1016/j.eti.2020.100893">https://doi.org/10.1016/j.eti.2020.100893</a>	14	2020	2352-1864	<a href="https://www.scopus.com/oaurl/detail.url?uaurl=doi:10.1016/j.eti.2020.100893">https://www.scopus.com/oaurl/detail.url?uaurl=doi:10.1016/j.eti.2020.100893</a>
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518	A Survey and Taxonomy on Energy Management Schemes in Wireless Sensor Networks	Damunpreet Singh Jagpreet Singh, Ranjit Kaur	Department of Computer Science and Engineering	Journal of Systems Architecture <a href="https://doi.org/10.1016/j.sysarc.2020.101782">https://doi.org/10.1016/j.sysarc.2020.101782</a>	16	2020	1383-7621	<a href="https://www.sciencedirect.com/journal/journal-of-systems-architecture">https://www.sciencedirect.com/journal/journal-of-systems-architecture</a>

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521	Advances in urea and thiourea catalyzed ring opening polymerization: A brief overview	Isha Jain and Payal Malik	Chemistry	Eur. Polym. J. <a href="https://doi.org/10.1016/j.eurpolymj.2020.109791">https://doi.org/10.1016/j.eurpolymj.2020.109791</a>	19	2020	0014-3057	<a href="https://doi.org/10.1016/j.eurpolymj.2020.109791">10.1016/j.eurpolymj.2020.109791</a>
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529	An examination of mechanical properties of dissimilar AISI 304 stainless steel and copper weldment obtained using GTAW	G Singh, RK Saxena, S Pandey	Mechanical	Materials Today: Proceedings 26, 2783-2789 <a href="https://doi.org/10.1016/j.matpr.2020.02.579">https://doi.org/10.1016/j.matpr.2020.02.579</a>	27	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a>
530	An Exploratory Investigation and Optimization of Taper Cutting Operation with Wire Electro Discharge Machining (Paper ID : 84)	AS A, Verma, S. Singh	Mechanical	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.04.290">https://doi.org/10.1016/j.matpr.2020.04.290</a>	28	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a>
531	An optimal fourth order derivative-free numerical algorithm for multiple roots	Kumar S, Kumar D, Sharma JR, Cesaramo C, Agarwal P, Chu YM	Mathematics	Symmetry <a href="https://doi.org/10.3390/sym12061038">https://doi.org/10.3390/sym12061038</a>	29	2020	2073-8994	<a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a>
532	An unconstrained and effective approach of script identification for online bilingual handwritten text	Gurpreet Singh, Manoj Kumar Sachan	Department of Computer Science and Engineering	National Academy Science Letters <a href="https://doi.org/10.1007/s40009-020-00889-0">https://doi.org/10.1007/s40009-020-00889-0</a>	30	2020	2250-1754	<a href="https://www.springer.com/journal/40009">https://www.springer.com/journal/40009</a>
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534	Analysis of bioisomers for their thermochemical transformations to biofuels	Jha, P., Dass, B.	Chemical Engineering	International Journal of Energy Production and Management <a href="http://dx.doi.org/10.2495/EQ-V5-N2-115-124">http://dx.doi.org/10.2495/EQ-V5-N2-115-124</a>	32	2020	20563280	<a href="https://www.scrips.com/issue/detail.asp?issueid=4-56715604200">https://www.scrips.com/issue/detail.asp?issueid=4-56715604200</a>
535	Analysis of COVID-19 cases in India through Machine Learning - A Study of Intervention	Hanuman Verma, Akshansh Gupta, Utkarsh Ntranjan	Department of Computer Science and Engineering	arXiv preprint arXiv:2008.10450 <a href="https://doi.org/10.48550/arXiv.2008.10450">https://doi.org/10.48550/arXiv.2008.10450</a>	33	2020	2331-8422	<a href="https://arxiv.org/">https://arxiv.org/</a>
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537	Assessment of creep in composite disc having exponential, hyperbolic and uniform thickness profiles	R Singh, RK Saxena, K Khanna, VK Gupta	Mechanical	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.02.431">https://doi.org/10.1016/j.matpr.2020.02.431</a>	35	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a>
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539	Banana Starch: Properties, Description, and Modified Variations - A Review	Kaur, L., Singh A., Kumar, P. and Dhillon S B.	Food Engineering and Technology	International Journal of Biological Macromolecules,165, 2096-2102 <a href="https://doi.org/10.1016/j.ijbiomac.2020.10.058">https://doi.org/10.1016/j.ijbiomac.2020.10.058</a>	37	2020	0141-8130	<a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a> <a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a>
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544	Characterization and measurement of nanostructured copper-based electromagnetic wave absorber	Sarekha Rani, Anupma Marwaha, Sanjay Marwaha, Sukhleen Bindra, Murthy Chavali and P. Narasimha Reddy	Electrical & Instrumentation Engineering	Electromagnetics <a href="https://doi.org/10.1080/02726343.2020.1780375">https://doi.org/10.1080/02726343.2020.1780375</a>	42	2020	0272-6343	Consortium for Academic and Research Ethics (intpsone.ac.in)
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551	CPW-fed wide band micro-machined fractal antenna with band-notched function	Ashwini Kumar, Amar Partap Singh Pharwaha	ECE	Applied Computational Electromagnetics Society Journal	49	2020	1054-4887 / 1943-5711	<a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a> <a href="https://www.scrips.com/issue/2110070037">https://www.scrips.com/issue/2110070037</a>
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557	Design of D-shaped PCF-SPR sensor with dual coating of ITO and ZnO conducting metal oxide	Veerpal Kaur, Surinder Singh	ECE	Optik <a href="https://doi.org/10.1016/j.ijleo.2020.165135">https://doi.org/10.1016/j.ijleo.2020.165135</a>	55	2020	0030-4026 / 1618-1336	<a href="https://ml.clarivate.com/search-results?issn=0030-4026&amp;issn_medium=share-by-link&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0030-4026&amp;issn_medium=share-by-link&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
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562	Development of a Modified Hilbert Curve Fractal Antenna for Multiband Applications	Ashwini Kumar, Amar Partap Singh Pharvaha	ECE	IETE Journal of Research <a href="https://doi.org/10.1080/03772061.2020.1772126">https://doi.org/10.1080/03772061.2020.1772126</a>	60	2020	0377-2063 / 0974-780X	<a href="https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
563	Development of exothermic flux for enhanced penetration for submerged arc welding process	Aditya Kumar, Kulwant Singh	Mechanical	Journal of Advanced Manufacturing Systems <a href="https://doi.org/10.1142/S0219686720500079">https://doi.org/10.1142/S0219686720500079</a>	61	2020	1793-6896	<a href="https://www.worldscientific.com/worldscinet/jams">https://www.worldscientific.com/worldscinet/jams</a> <a href="https://ml.clarivate.com/search-results?issn=0219-6867&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=0219-6867&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
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567	Distance based congestion control mechanism for CoAP in IoT	Sharu Bansal and Dilip Kumar	ECE	IET communications <a href="https://doi.org/10.1049/iet-com.2020.0486">https://doi.org/10.1049/iet-com.2020.0486</a>	65	2020	1751-8628 / 1751-8636	<a href="https://ml.clarivate.com/search-results?issn=1751-8628&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1751-8628&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
568	Diversity driven multi-parent evolutionary algorithm with adaptive non-uniform mutation	Sanika Chauhan, Manrohan Singh and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Journal of Experimental & Theoretical Artificial Intelligence <a href="https://doi.org/10.1080/0952181X.2020.1785020">https://doi.org/10.1080/0952181X.2020.1785020</a>	66	2020	0952-813X	Consortium for Academic and Research Ethics (unipune.ac.in)
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571	Effect of introducing ozone in elemental chlorine free bleaching of pulp on generation of chlorophenolic compounds	Tripathi, S.K., Bhardwaj, N.K., and Ghatak H.R.,	Chemical Engineering	Nordic Pulp and Paper Research Journal <a href="https://doi.org/10.1515/nppp-2020-0062">https://doi.org/10.1515/nppp-2020-0062</a>	69	2020	20000669	<a href="https://www.sciopus.com/jarhid-detail.asp?journalid=57203511916">https://www.sciopus.com/jarhid-detail.asp?journalid=57203511916</a>
572	Effect of Probe Ultrasonication, Microwave and Sunlight on Biosynthesis, Bioactivity and Structural Morphology of Panica granatum Peel's Polyphenols-Based Silver Nanocoagulates.	Foujdar, R., Chopra, H. K., Bera, M. B., Chauhan, A. K., & Mahajan, P.	Food Engineering & Technology	Waste and Biomass Valorization, 1-20. <a href="https://doi.org/10.1007/s12649-020-01175-2">https://doi.org/10.1007/s12649-020-01175-2</a>	70	2020	1877-265X	
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574	Enhanced salp swarm algorithm for multiobjective electric power dispatch problem	Veenu Kansal and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied soft computing journal <a href="https://doi.org/10.1016/j.asoc.2020.106393">https://doi.org/10.1016/j.asoc.2020.106393</a>	72	2020	1568-4946	Consortium for Academic and Research Ethics (unipune.ac.in)
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576	Energy harvesting in wireless sensor networks: A taxonomic survey	Jagpreet Singh Dhanrajpreet Singh, Ranjit Kaur	Department of Computer Science and Engineering	International Journal of Energy Research <a href="https://doi.org/10.1002/er.5816">https://doi.org/10.1002/er.5816</a>	74	2020	1099-114X	<a href="https://www.sciopus.com/journal/1099114x">https://www.sciopus.com/journal/1099114x</a>
577	Enhanced photocurrent in thin-film GaAs solar cells with embedded Al nanoparticles	Singh, Gurjit; Sakhon, Jagmeet Singh; Verma, S. S.	Physics	ENERGY SOURCES PART A: RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS <a href="https://doi.org/10.1080/15567036.2019.1587082">https://doi.org/10.1080/15567036.2019.1587082</a>	75	2020	1556-7036	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Vol 44, No 4 (Current issue) (tandfonline.com)
578	Envisioning Black Womanhood in the Selected Poems of Rita Dove, Management and Humanities	Ruby Jindal & Jagpreet Kaur Bhanga	Management and Humanities	Wesleyan Journal of Research	76	2020	0975-1386	<a href="http://www.wesleyanjournal.in/">http://www.wesleyanjournal.in/</a>
579	Enzymatic debittering of Citrus reticulata (Kinnow) pulp residue and its utilization for the preparation of vermicelli.	Singla, G., Panesar, P. S., Sangwan, R. S. and Kishanika, M.	Food Engineering & Technology	Journal of Food Processing and Preservation,45(2), e15135. <a href="https://doi.org/10.1111/jppf.15135">https://doi.org/10.1111/jppf.15135</a> . (IF-2.609)	77	2020	1745-4549	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
580	Enzymatic processing of Citrus reticulata (Kinnow) pomace using naringinase and its valorization through preparation of nutritionally enriched pasta.	Singla, G., Panesar, P. S., Sangwan, R. S. and Kishanika, M.	Food Engineering & Technology	Journal of Food Science and Technology (3.117) <a href="https://doi.org/10.1007/s11927-020-04846-z">https://doi.org/10.1007/s11927-020-04846-z</a>	78	2020	0022-1155	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
581	EROSION BEHAVIOR OF HYDROPHOBIC POLYTETRAFLUOROETHYLENE (PTFE) COATINGS WITH DIFFERENT THICKNESSES	Bansal, A., Singh, J., and Singh, H.	Mechanical	Wear <a href="https://doi.org/10.1016/j.wear.2020.203340">https://doi.org/10.1016/j.wear.2020.203340</a>	79	2020	456-457	<a href="https://www.sciencedirect.com/journal/wear">https://www.sciencedirect.com/journal/wear</a> <a href="https://ml.clarivate.com/search-results?issn=0043-1648&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0043-1648&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
582	Erosive wear behaviour of HVOF-sprayed Ni-30Cr203 coating on pipeline materials	Anuj Bansal, Deepak Kumar Goyal, Prabhjot Singh, Anil Kumar Singla, Manish Kumar Gupta, Niraj Bala, Jayanti Kolte, Gautam Setia,	Mechanical	International Journal of Refractory Metals and Hard Materials. <a href="https://doi.org/10.1016/j.ijrmhm.2020.105332">https://doi.org/10.1016/j.ijrmhm.2020.105332</a>	80	2020	0263-4368 ISSN	<a href="https://www.sciencedirect.com/journal/international-journal-of-refractory-metals-and-hard-materials">https://www.sciencedirect.com/journal/international-journal-of-refractory-metals-and-hard-materials</a> <a href="https://ml.clarivate.com/search-results?issn=0263-4368&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0263-4368&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
583	Estimation of absolute distance and high-frequency vibration from the modulated SM-OFF signal using compound mutated genetic algorithm	Vibhor Kumar Bhardwaj and Surita Maini	Electrical & Instrumentation Engineering	Optics and Lasers in Engineering <a href="https://doi.org/10.1016/j.optlaseng.2020.106271">https://doi.org/10.1016/j.optlaseng.2020.106271</a>	81	2020	0143-8166	Consortium for Academic and Research Ethics (unipune.ac.in)
584	Exceedingly Captivating Advertisement Content: Reference to FMCG product	Bharti, Dr. Sanjeev Kumar Garg, Dr. Mandep Ghai	Management and Humanities	PalArch's Journal of Archaeology of Egypt / Egyptology	82	2020	1567-214X	<a href="https://archives.palarch.nl/index.php/jae/article/view/1826">https://archives.palarch.nl/index.php/jae/article/view/1826</a>
585	Exceedingly Captivating Advertisement Content: Reference to FMCG product*	Ms. Bharti, Dr. Sanjeev Kumar Garg, Dr. Mandep Ghai	Management and Humanities	PalArch's Journal of Archaeology of Egypt / Egyptology	83	2020	1567-214X	<a href="https://archives.palarch.nl/index.php/jae/article/view/1826">https://archives.palarch.nl/index.php/jae/article/view/1826</a>
586	Experimental and in-silico studies of a symmetric biomimetic tripod derived from an oxygen-bridged tris(hydroxyquinone)nickelhexane and its iron and chromium adducts	Akbar, Rifat; Baral, Minati; Kamngro, B. K.	Chemistry	INORGANIC CHEMISTRY COMMUNICATIONS <a href="https://doi.org/10.1016/j.inoche.2020.108231">https://doi.org/10.1016/j.inoche.2020.108231</a>	84	2020	1387-7003.	<a href="https://www.sciopus.com/jarhid-detail.asp?journalid=5710819154">10.1016/j.inoche.2020.108231</a>
587	Exploring the Business Challenges and Techniques used for Improving Customer Satisfaction through TQM: An Empirical study	Pandeep Gupta and Anshul Mittal	Mechanical	Journal of Advanced Manufacturing Systems <a href="https://doi.org/10.1142/S021968672150030X">https://doi.org/10.1142/S021968672150030X</a>	85	2020	1793-6896	<a href="https://www.worldscientific.com/worldscinet/jams">https://www.worldscientific.com/worldscinet/jams</a> <a href="https://ml.clarivate.com/search-results?issn=0219-6867&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=0219-6867&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
588	Exploring the Potential of Supported Ionic Liquids as Building Block Systems in Catalysis	Pawanpreet Kaur and Harish Kumar Chopra	Chemistry	ChemistrySelect <a href="https://doi.org/10.1002/slct.202002826">https://doi.org/10.1002/slct.202002826</a>	86	2020	2365-6549	<a href="https://doi.org/10.1002/slct.202002826">https://doi.org/10.1002/slct.202002826</a>
589	Fabrication of calcium hydroxyapatite incorporated polyurethane-graphene oxide nanocomposite porous scaffolds from poly (ethylene terephthalate) waste: A green route toward bone tissue engineering	Arandeep Singh, Sanjay Kumar Bhardwaj, Kamlesh Kumari, Patti Paban Kishu	Chemical Engineering	Polymer. <a href="https://doi.org/10.1016/j.polymer.2020.122436">https://doi.org/10.1016/j.polymer.2020.122436</a>	87	2020	2073-4360	<a href="https://www.sciopus.com/jarhid-detail.asp?journalid=5710819154">https://www.sciopus.com/jarhid-detail.asp?journalid=5710819154</a>
590	Factors Affecting Consumer Purchase Intention for Organic Food: A Review	Pandeep Kumar Jain	Management and Humanities	Alochana Chakra Journal	88	2020	2231-3990	<a href="http://www.alochanachakra.com/">http://www.alochanachakra.com/</a>
591	Finite element simulation of stress corrosion cracking in austenitic stainless steel using modified Lemaitre damage model	Y Jasra, S Singhal, R Upman, RK Saxena	Mechanical	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.02.499">https://doi.org/10.1016/j.matpr.2020.02.499</a>	89	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.sciopus.com/soincexd/21100370037">https://www.sciopus.com/soincexd/21100370037</a>

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593	FPS-MAC: Fuzzy priority scheduling-based MAC protocol for intelligent monitoring systems	Tarunpreet Kaur and Dilip Kumar	ECE	International Journal of Communication Systems <a href="https://doi.org/10.1002/dac.4540">https://doi.org/10.1002/dac.4540</a>	91	2020	1074-5351 / 1099-1131	<a href="https://onlinelibrary.wiley.com/doi/10.1002/dac.4540">https://onlinelibrary.wiley.com/doi/10.1002/dac.4540</a>
594	Graphene based Multiband Frequency Antipodal Vivaldi Nanocantenna for UWB Applications	Gaurav Bansal, Anupma Marwaha, Amanpreet Singh, Rajni Bala, Sanjay Marwaha	ECE	Journal of Computational Electronics <a href="https://doi.org/10.1007/s10825-020-01400-2">https://doi.org/10.1007/s10825-020-01400-2</a>	92	2020	1569-8025 / 1572-8137	<a href="https://onlinelibrary.wiley.com/doi/10.1007/s10825-020-01400-2">https://onlinelibrary.wiley.com/doi/10.1007/s10825-020-01400-2</a>
595	Hybrid Response Surface Method-African Buffalo Optimization Technique for Ultrasonic Production of Biodiesel from Waste Cooking Oil using Li doped CaO Nanocatalyst	Upendar Dhall & Pardeep Gupta	Mechanical	International Journal of Innovative Technology and Exploring Engineering	93	2020	2278-3075	<a href="https://www.ijitee.org/">https://www.ijitee.org/</a> <a href="https://www.scopus.com/sourceid/2110089409">https://www.scopus.com/sourceid/2110089409</a>
596	Impact of Cryogenic Treatment on HCF and FCP Performance of $\beta$ -Solution Treated Ti-6Al-4V ELI	Singla, A.K.; Singh, J.; Sharma, V.S.; Gupta, M.K.; Song, Q.; Rozmek, D.; Krolczyk, G.M.	Mechanical	Materials <a href="https://doi.org/10.3390/ma13030500">https://doi.org/10.3390/ma13030500</a>	94	2020	1996-1944	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7040581/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7040581/</a> <a href="https://onlinelibrary.wiley.com/doi/10.3390/ma13030500">https://onlinelibrary.wiley.com/doi/10.3390/ma13030500</a>
597	Impact of layer rotation on micro-structure, grain size, surface integrity and mechanical behaviour of SLM Al-Si-10Mg alloy.	Manish Kumar Gupta, Anil Kumar Singla, Hansong Ji, Qinghua Song, Zhanqiang Liu, Wentong Cai, Mozammel Mia, Navneet Khanna, Grzegorz M. Krolczyk.	Mechanical	Journal of Materials Research and Technology. <a href="https://doi.org/10.1016/j.jmrt.2020.06.090">https://doi.org/10.1016/j.jmrt.2020.06.090</a>	95	2020	2238-7854 ISSN	<a href="https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology">https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology</a> <a href="https://onlinelibrary.wiley.com/doi/10.1016/j.jmrt.2020.06.090">https://onlinelibrary.wiley.com/doi/10.1016/j.jmrt.2020.06.090</a>
598	Impact of storage and packaging material on the nutritional, product properties and microbial count of extruded snacks	Wani, S. A., Bhat, T.A., Ganie, N.A. and Kumar, P.	Food Engineering and Technology	Current Nutrition and Food Science 16(4), 592-600 <a href="https://doi.org/10.2174/157340315666190126114847">https://doi.org/10.2174/157340315666190126114847</a>	96	2020	1573-4013	<a href="https://ugccare.unipune.ac.in/Apps/User/Web/CareNet">https://ugccare.unipune.ac.in/Apps/User/Web/CareNet</a>
599	Improvement of low temperature impact toughness through flux modification for submerged arc welded low carbon steel E350 plates	Arya H. Lucky	Mechanical	Indian Journal of Science and Technology <a href="https://doi.org/10.17485/IJST/13125.677">https://doi.org/10.17485/IJST/13125.677</a>	97	2020	0974-6846	<a href="https://indjst.org/archives">https://indjst.org/archives</a> <a href="https://onlinelibrary.wiley.com/doi/10.17485/IJST/13125.677">https://onlinelibrary.wiley.com/doi/10.17485/IJST/13125.677</a>
600	INFLUENCE OF CRYOGENIC TREATMENT ON MECHANICAL PERFORMANCE OF FRICTION STR AL-ZN-CU ALLOY WELDMENTS	Bansal, A., Singla, A. K., Dwivedi, V., Goyal, D. K., Singh, J., Gupta, M. K., and Krolczyk, G. M.	Mechanical	Journal of Manufacturing Processes <a href="https://doi.org/10.1016/j.jmapro.2020.04.067">https://doi.org/10.1016/j.jmapro.2020.04.067</a>	98	2020	1526-6125	<a href="https://www.journals.elsevier.com/journal-of-manufacturing-processes">https://www.journals.elsevier.com/journal-of-manufacturing-processes</a> <a href="https://onlinelibrary.wiley.com/doi/10.1016/j.jmapro.2020.04.067">https://onlinelibrary.wiley.com/doi/10.1016/j.jmapro.2020.04.067</a>
601	Influence of intermetallic precipitation on metallurgical, mechanical and pitting behaviour of AISI 2205 duplex stainless steel welded joints	Mehdi Majidi, A.S Shahi	Mechanical	Material Research Express, IOP Publishing Ltd <a href="http://doi.org/10.1088/2053-1591/ab664c">http://doi.org/10.1088/2053-1591/ab664c</a>	99	2020	2053-1591	<a href="https://iopscience.iop.org/journal/2053-1591">https://iopscience.iop.org/journal/2053-1591</a> <a href="https://onlinelibrary.wiley.com/doi/10.1088/2053-1591/ab664c">https://onlinelibrary.wiley.com/doi/10.1088/2053-1591/ab664c</a>
602	INVESTIGATING SLURRY EROSION BEHAVIOR OF A HYDRO-MACHINERY STEEL UNDER VARIOUS IMPINGEMENT VARIABLES*	Bansal, A., Singh, J., and Singh, H.	Mechanical	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.08.747">https://doi.org/10.1016/j.matpr.2020.08.747</a>	100	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
603	Investigating the impact of data normalization on classification performance	Dalwinder Singh, Birmohan Singh	Department of Computer Science and Engineering	Applied Soft Computing <a href="https://doi.org/10.1016/j.asoc.2019.105524">https://doi.org/10.1016/j.asoc.2019.105524</a>	101	2020	1568-4946	<a href="https://www.sciencedirect.com/journal/applied-soft-computing">https://www.sciencedirect.com/journal/applied-soft-computing</a>
604	Investigation of substrate materials for graphene oxide absorber loaded antenna array increased ambient temperature	Sarekha Rani, Anupma Marwaha and Sanjay Marwaha	Electrical & Instrumentation Engineering	Photonic Network Communications <a href="https://doi.org/10.1007/s11107-020-00908-6">https://doi.org/10.1007/s11107-020-00908-6</a>	102	2020	1387-974X	<a href="https://www.journals.elsevier.com/journal-of-manufacturing-processes">https://www.journals.elsevier.com/journal-of-manufacturing-processes</a> <a href="https://onlinelibrary.wiley.com/doi/10.1007/s11107-020-00908-6">https://onlinelibrary.wiley.com/doi/10.1007/s11107-020-00908-6</a>
605	Investigation of substrate materials for graphene oxide absorber loaded antenna array increased ambient temperature	Sarekha Rani, Anupma Marwaha, Sanjay Marwaha	ECE	Photonic network communications	103	2020	1387-974X / 1572-8188	<a href="https://onlinelibrary.wiley.com/doi/10.1007/s11107-020-00908-6">https://onlinelibrary.wiley.com/doi/10.1007/s11107-020-00908-6</a>
606	Investigation on Aging-Induced Degradation of Impact Toughness and Corrosion Performance of Duplex Stainless Steel Weldment	Sumeet Singh, Jastoj Singh and A. S. Shahi	Mechanical	Transactions of Indian Institute of Metals	104	2020	0975-1645	<a href="https://www.springer.com/journal/12666">https://www.springer.com/journal/12666</a> <a href="https://onlinelibrary.wiley.com/doi/10.1007/s12044-020-00972-2">https://onlinelibrary.wiley.com/doi/10.1007/s12044-020-00972-2</a>
607	Investigations On High Temperature Wear And Metallurgical Characteristics Of Stellite 6/GTA (Gas Tungsten Arc) Weld Claddings	Adarsh Prakash and A. S. Shahi	Mechanical	Materials Research Express	105	2020	2053-1591	<a href="https://iopscience.iop.org/journal/2053-1591">https://iopscience.iop.org/journal/2053-1591</a> <a href="https://onlinelibrary.wiley.com/doi/10.1088/2053-1591/ab664c">https://onlinelibrary.wiley.com/doi/10.1088/2053-1591/ab664c</a>
608	IoT Ecosystem: A Survey on Devices, Gateways, Operating Systems, Middleware and Communication	Sharu Bansal and Dilip Kumar	ECE	International Journal of Wireless Information Networks	106	2020	1068-9605 / 1572-8129	<a href="https://onlinelibrary.wiley.com/doi/10.1002/ijwin.12044">https://onlinelibrary.wiley.com/doi/10.1002/ijwin.12044</a>
609	Kinetics of producing vanillin and 4-hydroxy benzaldehyde from hydrolysis residue of rice straw by photocatalysis	Ahmad, K., Ghatak H.R., and Ahuja, S.M	Chemical Engineering	Reaction Kinetics, Mechanisms and Catalysis	107	2020	1878-5190	<a href="https://www.scopus.com/urnid/detail?urlauthoid=5722494566">https://www.scopus.com/urnid/detail?urlauthoid=5722494566</a>
610	Laplace transform inversion using Bernstein operational matrix of integration and its application to differential and integral equations	Mishra V, Rani D	Mathematics	Proceedings of the Indian Academy of Sciences - Mathematical Sciences	108	2020	0973-7685	<a href="https://www.springer.com/journal/12044">https://www.springer.com/journal/12044</a>
611	LASER CLADDING TECHNIQUE FOR EROSION WEAR APPLICATIONS: A REVIEW	Singh, S., Goyal, D. K., Kumar P. and Bansal A.	Mechanical	Mater. Res. Express	109	2020	2053-1591	<a href="https://iopscience.iop.org/journal/2053-1591">https://iopscience.iop.org/journal/2053-1591</a> <a href="https://onlinelibrary.wiley.com/doi/10.1088/2053-1591/ab664c">https://onlinelibrary.wiley.com/doi/10.1088/2053-1591/ab664c</a>
612	Latest developments in gear defect diagnosis and prognosis: A review	A Kumar, CP Gandhi, Y Zhou, R Kumar, J Xiang	Mechanical	Measurement	110	2020	0263-2241	<a href="https://www.sciencedirect.com/journal/measurement">https://www.sciencedirect.com/journal/measurement</a> <a href="https://onlinelibrary.wiley.com/doi/10.1016/j.measurement.2020.107404">https://onlinelibrary.wiley.com/doi/10.1016/j.measurement.2020.107404</a>
613	Lattice dynamics of novel Heusler alloys $\text{MnY}_2\text{Z}$ (Z = Al and Si)	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	PHYSICA B-CONDENSED MATTER	111	2020	0921-4526	<a href="https://www.sciencedirect.com/journal/physica-b-condensed-matter">https://www.sciencedirect.com/journal/physica-b-condensed-matter</a>
614	Machinability investigations of hardened steel with biodegradable oil-based MQL spray system	Manish Kumar Gupta, Mozammel Mia, Mahammad JAMIL, Rupinder Singh, Anil Kumar Singla, Qinghua Song, Zhanqiang Liu, Aqib Masood Khan, M Azam Rahnman, Murat Sarikaya	Mechanical	Int J Adv Mand Technol	112	2020	Electronic ISSN 1433-3015 Print ISSN 0268-3768	<a href="https://www.springer.com/journal/170">https://www.springer.com/journal/170</a> <a href="https://onlinelibrary.wiley.com/doi/10.1007/s12044-020-00972-2">https://onlinelibrary.wiley.com/doi/10.1007/s12044-020-00972-2</a>
615	MACO-QCR: Multi-Objective ACO-Based QoS-Aware Cross-Layer Routing Protocols in WSN	Tarunpreet Kaur and Dilip Kumar	ECE	IEEE Sensors Journal	113	2020	1530-437X / 1558-1748	<a href="https://onlinelibrary.wiley.com/doi/10.1109/JSEN.2020.2988438">https://onlinelibrary.wiley.com/doi/10.1109/JSEN.2020.2988438</a>
616	Magneto-plasmonic Co@M (M = Au/Ag/Pt) core-shell nanoparticles for biological imaging and therapeutics	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	114	2020	0022-4073	<a href="https://www.sciencedirect.com/journal/journal-of-quantitative-spectroscopy-and-radiative-transfer">https://www.sciencedirect.com/journal/journal-of-quantitative-spectroscopy-and-radiative-transfer</a>
617	Mahesh Dattani's Final Solutions: A Peep into the Mannerism of Men and Women, and Their Diagnostics Identity	Monika Kapil and Mahesh Kumar Arora	Management and Humanities	Alochana Chakra Journal	115	2020	2231-3990	<a href="http://www.alochanachakra.com/">http://www.alochanachakra.com/</a>
618	Measurement of micro-harmonic vibration from optical feedback interferometry using wavelet trend analysis	Vibhor Kumar Bhardwaj and Surita Maini	Electrical & Instrumentation Engineering	Optics Communications	116	2020	0030-4018	<a href="https://www.journals.elsevier.com/journal-of-manufacturing-processes">https://www.journals.elsevier.com/journal-of-manufacturing-processes</a> <a href="https://onlinelibrary.wiley.com/doi/10.1016/j.jmapro.2020.04.067">https://onlinelibrary.wiley.com/doi/10.1016/j.jmapro.2020.04.067</a>
619	Metallurgical and corrosion characterization of electron beam welded duplex stainless steel joints	Jatej Singh and A.S. Shahi	Mechanical	Journal of Manufacturing Processes	117	2020	1526-6125	<a href="https://www.journals.elsevier.com/journal-of-manufacturing-processes">https://www.journals.elsevier.com/journal-of-manufacturing-processes</a> <a href="https://onlinelibrary.wiley.com/doi/10.1016/j.jmapro.2020.04.067">https://onlinelibrary.wiley.com/doi/10.1016/j.jmapro.2020.04.067</a>

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621	Microwave assisted extraction of phytochemicals from Ficus racemosa.	Sharma, B. R., Kumar, V., Kumar, S., and Panesar, P. S.	Food Engineering & Technology	Current Research in Green and Sustainable Chemistry, 3, 100020. <a href="https://doi.org/10.1016/j.crcsc.2020.100020">https://doi.org/10.1016/j.crcsc.2020.100020</a>	119	2020	2666-0865	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
622	Modeling and optimization of novel biodiesel production from non-edible oil with msa balsiana root using hybrid response surface methodology along with african buffalo optimization	Kumar, U., Gupta, P.	Mechanical	Reac Kinet Mech Cat	120	2020	1878-5190	<a href="https://www.springer.com/journal/11144">https://www.springer.com/journal/11144</a> <a href="https://www.scopus.com/sourceid/19500157076">https://www.scopus.com/sourceid/19500157076</a>
623	Modelling and Simulation of Vertical Fin Style Aluminium Heat Sink for Controlled Thermal Compensation in Absorber Loaded Antenna Array	Surekha Rani, Anupam Marwaha and Sanjay Marwaha	Electrical & Instrumentation Engineering	Journal of Communications Technology and Electronics	121	2020	1064-2269	Consortium for Academic and Research Ethics (unipune.ac.in)
624	Modelling and simulation of vertical fin style aluminium heat sink for controlled thermal compensation in absorber loaded antenna array	Surekha Rani, Anupam Marwaha, Sanjay Marwaha	ECE	Journal of communication technology and electronics	122	2020	1064-2269 / 1555-6557	<a href="https://ml.clarivate.com/search-results?issn=1064-2269&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1064-2269&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
625	Modified Koch curve broadband fractal antenna for spectrum sensing in cognitive radio	Monica Aggarwal, Amar Pratap Singh Phurwaha	ECE	International Journal of Microwave and Wireless Technologies	123	2020	1759-0787 / 1759-0795	<a href="https://ml.clarivate.com/search-results?issn=1759-0787&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1759-0787&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
626	Moth flame optimizer-based solution approach for unit commitment and generation scheduling problem of electric power system	Ashutosh Bhadoria and Sanjay Marwaha	Electrical & Instrumentation Engineering	Journal of Computational Design and Engineering	124	2020	2288-4300	Consortium for Academic and Research Ethics (unipune.ac.in)
627	Multi Objective Optimization of Electro Discharge Machining of Nimonic 75 Using Taguchi Based Grey Relational Analysis	M Singh, S Singh	Mechanical	Journal of Advanced Manufacturing Systems	125	2020	1793-6896	<a href="https://www.worldscientific.com/worldscinet/jams">https://www.worldscientific.com/worldscinet/jams</a> <a href="https://ml.clarivate.com/search-results?issn=1793-6896&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=1793-6896&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
628	Multi-objective Optimization of Electrical Discharge Machining of Nimonic 75 using Teaching Learning Based Optimization (TLBO) Algorithm	M Singh, S Singh	Mechanical	Materials Today: Proceedings	126	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
629	Nanocomposite Graphene based Tunable Absorber for Combating Electromagnetic Pollution	Surekha Rani, Anupam Marwaha and Sanjay Marwaha	Electrical & Instrumentation Engineering	Current Nanoscience Journal	127	2020	1573-4137	Consortium for Academic and Research Ethics (unipune.ac.in)
630	Nanocomposite graphene based tunable absorber for combating electromagnetic pollution	Surekha Rani, Anupam Marwaha, Sanjay Marwaha	ECE	Current Nanoscience, Bentham Science Publisher	128	2020	1573-4137 / 1875-6786	<a href="https://ml.clarivate.com/search-results?issn=1573-4137&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1573-4137&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
631	Numerical inverse Laplace transform based on Bernoulli polynomials operational matrix for solving nonlinear differential equations	Rani D, Mishra V	Mathematics	Results in Physics	129	2020	2211-3797	<a href="https://www.sciencedirect.com/journal/results-in-physics">https://www.sciencedirect.com/journal/results-in-physics</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
632	Numerical simulation of fracture behavior under high-velocity impact for Aluminium alloy 6060 target plate	KK Rathore, Y Jasta, RK Saxena	Mechanical	Materials Today: Proceedings 28, 1809-1815	130	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
633	On a reduced cost derivative-free higher-order numerical algorithm for nonlinear systems	Sharma JR, Kumar D	Mathematics	Computational and Applied Mathematics	131	2020	2238-3603	<a href="https://www.springer.com/journal/40314">https://www.springer.com/journal/40314</a>
634	On a subclass of univalent harmonic mappings convex in the imaginary direction	Khurana D, Gupta S, Singh S.	Mathematics	Advances in Mathematics	132	2020	1857-8365	<a href="https://www.sciencedirect.com/journal/advances-in-mathematics">https://www.sciencedirect.com/journal/advances-in-mathematics</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
635	On derivative free multiple-root finders with optimal fourth order convergence	Sharma JR, Kumar S, Jantschi L	Mathematics	Mathematics	133	2020	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
636	On the potential for superconductivity in Zr (X = S and Te): a first-principles study	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	134	2020	0921-4534	Physica C: Superconductivity and its Applications   Journal   ScienceDirect.com by Elsevier
637	Optical combinational circuits for contention detection circuit in all optical router	Surinder Singh, Dilbag Singh and Lovkesh	ECE	Optik	135	2020	0030-4026 / 1618-1356	<a href="https://ml.clarivate.com/search-results?issn=0030-4026&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0030-4026&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
638	Optimal one-point iterative function free from derivatives for multiple roots	Kumar D, Sharma JR, Argyros IK	Mathematics	Mathematics	136	2020	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
639	Optimization of process variables of probe ultrasonic-assisted extraction of phenolic compounds from the peel of Punica granatum Var. Bhagwa and it's chemical and bioactivity characterization.	R Foujdar, MB Bera, HK Chopra	Chemistry	Journal of Food Processing and Preservation	137	2020	1745-4549	<a href="https://doi.org/10.1111/jfpp.14317">https://doi.org/10.1111/jfpp.14317</a>
640	Optimization of process variables of probe ultrasonic-assisted extraction of phenolic compounds from the peel of Punica granatum Var. Bhagwa and its chemical and bioactivity characterization.	Foujdar, R., Bera, M. B., & Chopra, H. K	Food Engineering & Technology	Journal of Food Processing and Preservation, 44(1), e14317. <a href="https://doi.org/10.1111/jfpp.14317">https://doi.org/10.1111/jfpp.14317</a>	138	2020	1745-4549	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
641	Optimization of spray-drying conditions for production of functional milk powder encapsulating bee pollen.	Thakur, M. Pam, K. Naik, R.R., and Nanda, V.	Food Engineering and Technology	Drying Technology DOI: 10.1080/07373937.2020.1720225 (IF: 2.988)	139	2020	15322300, 07373937	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
642	Parametric optimization of $\mu$ m parameters by Taguchi and NSGA II for the development of p-channels on pure titanium	Gupta, R.D., Gupta, P. and Khanna, R.	Mechanical	Grey Systems: Theory and Application	140	2020	2043-9377	<a href="https://ml.clarivate.com/search-results?issn=2043-9377&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=2043-9377&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
643	Performance Evaluation of the Optimized Error Correction Based Hop Localization Approach in a Wireless Sensor Network	Deepak Prashar, and Dilip Kumar	ECE	Wireless Personal Communications	141	2020	0929-6212 / 1572-834X	<a href="https://ml.clarivate.com/search-results?issn=0929-6212&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0929-6212&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
644	Performance of high temperature open-ended coaxial probe for dielectric properties of high loss food materials in frequency range 10-200 MHz	P Pankaj, PK Prachi/Pala, KS Mann	Physics	Solid State Technology	142	2020	2162-8769 (print); 2162-8777 (web)	Solid State Technology
645	Phase transition of cosmological model with statistical techniques	Mishra RK, Daa H	Mathematics	Astrophysics and Space Science	143	2020	0004-640X	<a href="https://www.springer.com/journal/10590">https://www.springer.com/journal/10590</a>
646	Photophysical Studies of a Catechol Based Polyfunctional Dipodal Chelator: Application for Optical Probe for Selective Detection of Fe(III)	Dangi, Vijay; Baral, Minati; Kanungo, B. K.	Chemistry	JOURNAL OF FLUORESCENCE	144	2020	1053-0509	10.1007/s10895-020-02583-2
647	Physico-chemical analysis and fatty acid profiling of fenugreek ( <i>Trigonella foenum-graecum</i> ) seed oil using different solvents	Manishi, M., Arya, P. and Kumar, P.	Food Engineering and Technology	Journal of Oleo Sciences20137. <a href="https://doi.org/10.5650/jos.ecs20137">https://doi.org/10.5650/jos.ecs20137</a>	145	2020	13473352	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
648	Plasmonic periodic nanostructures for enhanced photovoltaic response in thin film GaIn solar cells	Singh, Gurjit; Verma, Saram S.	Physics	OPTICAL ENGINEERING	146	2020	0091-3286 (print) 1560-2303 (web)	Optical Engineering (optedigitalibrary.org)
649	Plasmon-induced photo-catalytic degradation of methylene blue dye using biosynthesized silver nanoparticles as photocatalyst	Singh, Jagdeep; Dhaliwal, A. S.	Physics	ENVIRONMENTAL TECHNOLOGY	147	2020	1479487X	Environmental Technology: Vol 43, No 24 (Current Issue) (tudonline.com)
650	Predicting tensile-shear strength of nugget using MSP model tree and random forest: An analysis	Subrat Kumar Dang, Kulwant Singh	Mechanical	Computers in Industry	148	2020	0166-3615	<a href="https://www.sciencedirect.com/journal/computers-in-industry">https://www.sciencedirect.com/journal/computers-in-industry</a> <a href="https://ml.clarivate.com/search-results?issn=0166-3615&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=0166-3615&amp;hide_exact_match_ftstrue&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
651	Prediction of bending behavior for laser forming of lime coated plain carbon steel using finite element method	A Rattan, Y Jasta, RK Saxena	Mechanical	Materials Today: Proceedings 28, 1943-1950	149	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
652	PSO based energy efficient clustering protocol for WSNs	Damanpreet Singh Armandeep Kumar, Balwinder Singh Dhillon	Department of Computer Science and Engineering	Journal of Engineering & Technology Education	150	2020	2229-631X	<a href="https://nitrrcd.ac.in/sites/default/files/journals.php">https://nitrrcd.ac.in/sites/default/files/journals.php</a>
653	Recent Progress in Synthesis and Applications of Tunable Materials and Nanomaterials Based on Organic Salts	Pawanpreet Kaur and Harish Kumar Chopra	Chemistry	ChemistrySelect	151	2020	2365-6549	<a href="https://doi.org/10.1002/slct.202002727">https://doi.org/10.1002/slct.202002727</a>
654	Recent trends on the valorization strategies for the management of citrus by-products	Dhoyani Panwar, Parmjit S. Panesar and Harish K. Chopra	Food Engineering & Technology	Food Reviews International, 37(1), 91-120. <a href="https://doi.org/10.1080/8750429.2019.1695834">https://doi.org/10.1080/8750429.2019.1695834</a> (IF: 6.043)	152	2020	1525-6103	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>
655	RETAINING MOBILE TELECOM CONSUMERS - A POST-DIO SCENARIO	Gurpreet Singh, Dr. Sanjeev Kumar Garg.	Management and Humanities	INTERNATIONAL JOURNAL OF MANAGEMENT (IJM)	153	2020	0976-6510	<a href="https://ijmnet.com/home/journal/ijm">https://ijmnet.com/home/journal/ijm</a>
656	Satisfaction aware QoS-based bidirectional service mapping in cloud environment	Major Singh, Damanpreet Singh, Neeraj	Department of Computer Science and Engineering	Cluster Computing	154	2020	1573-7543	<a href="https://www.springer.com/journal/10586">https://www.springer.com/journal/10586</a>
657	Screening of Indian bee pollen based on antioxidant properties and polyphenolic composition using 1HPLC-DAD-MS/MS: A multivariate analysis and ANN based approach.	Thakur, M. and Nanda, V	Food Engineering and Technology	Food Research International. <a href="https://doi.org/10.1016/j.foodres.2020.110041">https://doi.org/10.1016/j.foodres.2020.110041</a> (IF: 4.972)	155	2020	0963-9969	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/Relist</a>



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659	Simulated process integration of wastewater electrooxidation with recuperated micro gas turbine for energy recovery.	Ghatak HR,	Chemical Engineering	International Journal of Hydrogen Energy	157	2020	0360-3199	<a href="https://www.scopus.com/authid/detail.url?authid=57263313216">https://www.scopus.com/authid/detail.url?authid=57263313216</a>
660	Simultaneous feature weighting and parameter determination of neural networks using ant lion optimization for the classification of breast cancer	Dalwinder Singh, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Bioinformatics and Biomedical Engineering	158	2020	0208-5216	<a href="https://www.sciencedirect.com/journal/bioinformatics-and-biomedical-engineering">https://www.sciencedirect.com/journal/bioinformatics-and-biomedical-engineering</a>
661	Simultaneous feature weighting and parameter determination of Neural Networks using Ant Lion Optimization for the classification of breast cancer	Dalwinder Singh, Birmohan Singh and Manpreet Kaur	Electrical & Instrumentation Engineering	Bioinformatics and Biomedical Engineering	159	2020	0208-5216	Consortium for Academic and Research Ethics (unipune.ac.in)
662	Size-dependent optical response of complex CoFe@Ag & CoFe@Au core-shell nanostructures	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	CHEMICAL PHYSICS LETTERS	160	2020	0009-2614	Chemical Physics Letters   Journal   ScienceDirect.com by Elsevier
663	Size-dependent optical response of complex CoFe@Ag & CoFe@Au core-shell nanostructures	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	CHEMICAL PHYSICS LETTERS	161	2020	0009-2614	Chemical Physics Letters   Journal   ScienceDirect.com by Elsevier
664	Solution of Benjamin-Bona-Mahony-Burgers equation using collocation method with quintic Hermite splines	Avora S, Jain R, Kukreja VK	Mathematics	Applied Numerical Mathematics	162	2020	0168-9274	Applied Numerical Mathematics - Journal - Elsevier
665	Some norm inequalities for operators	Kamil Y, Pal R, Sinha M, Anila JS.	Mathematics	Advances in Operator Theory	163	2020	2662-2009	<a href="https://www.springer.com/journal/43036">https://www.springer.com/journal/43036</a>
666	Some studies into weldability of rice husk ash aluminium matrix composite using TIG welding	Sanjit Saini, Shankar Singh, Kulwant Singh, Abhishek Singh	Mechanical	Materials Today Proceedings	164	2020	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scopus.com/soandced/21100370037">https://www.scopus.com/soandced/21100370037</a>
667	Status of Bioactive Compounds from Bran of Pigmented Traditional Rice Varieties and Their Scope in Production of Medicinal Food with Nutritional Importance.	Faham Mohiuddin Bhat, Charanjit Singh Riar, Pritam Securityachan,Sarita Rose Sarmanto, Thannongsak Chaiyasao and Chanank Prom-u-Thai	Food Engineering & Technology	Agronomy, 10, 1817. https://doi.org/10.3390/agronomy10111817	165	2020	2073-4395	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
668	Structural investigation of Nd-zincolite irradiated with He <sup>+</sup> ions	S.S. Ghuman	Physics	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	166	2020	0236-5731	Journal of Radioanalytical and Nuclear Chemistry   Home (springer.com)
669	Structural modification in albumin ( <i>Glycoalbumin albumin</i> ) protein isolates due to controlled thermal modification and its relationship with protein digestibility and functionality.	Nisar A. Mir, Charanjit S. Riar, Sukhcham Singh	Food Engineering & Technology	Food Hydrocolloids, 103,105708.https://doi.org/10.1016/j.foodhyd.2020.105708	167	2020	0268-005X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
670	Studies of a Tripodal Biomimetic Siderophore Analog: An Efficient Encapsulation for Fe(II) Ion	Baral, Minati; Kaur, Kirandeep; Kamngbo, B. K.	Chemistry	INDIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	168	2020	1021-9986	<a href="https://doi.org/10.30492/IJCCE.2020.34377">10.30492/IJCCE.2020.34377</a>
671	Study of Characteristics of Coal Ground Fly ash for Potential Use as Filler in High Opacity Specialty Paper	Sinha, A. S. K.	Chemical Engineering	IPPTA	169	2020	3795462	<a href="https://www.scopus.com/authid/detail.url?authid=55215471700">https://www.scopus.com/authid/detail.url?authid=55215471700</a>
672	Study of proton partition distribution functions at high $\omega$ using ZEUS data			PHYSICAL REVIEW D	170	2020	2470-0010	Physical Review D (aps.org)
673	Study on the Development of a Cyclohexane Based Tripodal Molecular Device as OFF-ON-OFF pH Sensor and Fluorescent Iron Sensor	Dangi, Vijay; Baral, Minati; Kamngbo, B. K.	Chemistry	CURRENT ANALYTICAL CHEMISTRY	171	2020	1573-4110	<a href="https://doi.org/10.2174/1573411015666190314154126">10.2174/1573411015666190314154126</a>
674	Sugar profile and rheological behaviour of four different Indian honey varieties.	R Kamboj, GA Nayak, MB Bera, V Nanda	Food Engineering & Technology	Journal of Food Science and Technology, 1-9.https://doi.org/10.1007/s13197-020-04331-7	172	2020	21934126, 21934134	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
675	Sustainability and machinability improvement of Nimonic-90 using indigenously developed green hybrid machining technology	Navneet Khanna, Chetan Agrawal, Manish Kumar Gupta, Qinghua Song, Anil Kumar Singla	Mechanical	Journal of Cleaner Production	173	2020	0959-6526 ISSN	<a href="https://www.sciencedirect.com/journal/journal-of-cleaner-production">https://www.sciencedirect.com/journal/journal-of-cleaner-production</a> <a href="https://ngl.clarivate.com/search-results?issn=0959-6526&amp;hide_exact_match_0=checked&amp;source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ngl.clarivate.com/search-results?issn=0959-6526&amp;hide_exact_match_0=checked&amp;source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
676	Synthesis and applications of carbohydrate based chiral ionic liquids as chiral recognition agents and organo-catalysts	Nirmaljeet Kaur, Harish Kumar Chopra	Chemistry	Journal of Molecular Liquids	174	2020	0167-7322	<a href="https://doi.org/10.1016/j.molliq.2019.111994">https://doi.org/10.1016/j.molliq.2019.111994</a>
677	Synthesis and Validation of a Cu Meta-Based Wideband Microwave Absorber on an Antenna Array	Surekha Rani, Anupma Marwaha, Sanjay Marwaha, Sukhleen Bindra, Murbhy Chavali and P. Navintha Reddy	Electrical & Instrumentation Engineering	Journal of Electronic Materials	175	2020	0361-5235	Consortium for Academic and Research Ethics (unipune.ac.in)
678	Synthesis of a new tetradentate chelator with 1-Hydroxy-2(1H)-pyridinone (HOPO) as chelating unit: Interaction with Fe (III), solution thermodynamics and DFT studies	Dash, Dibyajit; Baral, Minati; Kamngbo, B. K.	Chemistry	JOURNAL OF MOLECULAR STRUCTURE	176	2020	0022-2860.	<a href="https://doi.org/10.1016/j.molstruc.2020.128726">10.1016/j.molstruc.2020.128726</a>
679	Synthesis, characterization and application of molecular hammock and pinzer type complexes	Shendge, Pradipdaya; Sharma, Shalizi; Baral, Minati; Patel, Apurva; Parekh, Sanjay; Kamngbo, B. K.	Chemistry	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	177	2020	1563-5325 .	<a href="https://doi.org/10.1080/10426507.2020.1825431">10.1080/10426507.2020.1825431</a>
680	Tailoring of Electromagnetic Absorption in Substituted Hexaferrites from 8.2 GHz to 12.4 GHz	Harvinita Kaur, Anupma Marwaha, Charanjit Singh, Sukhleen Bindra Narang, Rajshree Jotania, Yang Bai, Sanjay R Mishra, Dharmendra Singh, ASB Sonbora, Madhav Ghimire, Priyanka Dharu,	ECE	Journal of Electronic Materials	178	2020	0361-5235 / 1543-180X	<a href="https://ngl.clarivate.com/search-results?issn=0361-5235&amp;hide_exact_match_0=checked&amp;source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ngl.clarivate.com/search-results?issn=0361-5235&amp;hide_exact_match_0=checked&amp;source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
681	Taro starch: Isolation, morphology, modification and novel applications concern - A review	Singla, D., Singh A, Dhull S B., Kumar, P, Malik, T and Kumar, P.	Food Engineering and Technology	International Journal of Biological Macromolecules,163, 1283-1290https://doi.org/10.1016/j.ijbiomac.2020.07.093	179	2020	0141-8130	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
682	Tensile Strength and Solubility Studies of Edible Biodegradable Films Developed from Pseudo-cereal Starches: An Inclusive Comparison with Commercial Corn Starch.	C. Jindal, N. K. Kharkar, S. K. Singh, S., Saxena, D. C., Jindal, N., Bansal, V., & Wakchare, N.	Food Engineering & Technology	Asian Journal of Dairy & Food Research, 39(2). Http://10.18805/ajdfr-DR-1522	180	2020	0971-4456	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
683	Tensile strength and solubility studies of edible biodegradable film developed from pseudo-cereal starches: An Inclusive comparison with commercial corn starch.	Navender Kumar Chaudhri, Sonil Kumar Kharkar, Sukhcham Singh, DC Saxena, Navdeep Jindal, Venu Bansal, Nitin Wakchare	Food Engineering and Technology	Asian Journal of Dairy & Food Research,39(2), 139-146. 678-685. http://10.18805/ajdfr-DR-1522	181	2020	0971-4456 P.	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
684	The Influence of Social Media on consumer purchase intention	Renu, Sanjeev Bansal, Vandana Gupta	Management and Humanities	International Journal of Scientific & Technology Research	182	2020	2277-8616	<a href="http://www.ijstr.org/final-print/mar2020/The-Influence-of-Social-Media-on-Consumer-Buying-Intention.pdf">http://www.ijstr.org/final-print/mar2020/The-Influence-of-Social-Media-on-Consumer-Buying-Intention.pdf</a>
685	Theoretical study of structural, electronic and lattice dynamical properties of novel AINiP half-Heusler alloy	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	PHILOSOPHICAL MAGAZINE	183	2020	1478-6435 (print) 1478-6443 (web)	Philosophical Magazine: Vol. 102, No. 20 (Current issue) (and/online)
686	Tool wear progression and its effects on energy consumption and surface roughness in cryogenic assisted turning of Ti-6Al-4V	Chetan Agrawal, Navneet Khanna, Catalin Iulian Prunco, Anil Kumar Singla, Manish Kumar Gupta	Mechanical	Int J Adv Manuf Technol	184	2020	Electronic ISSN 1433-3015 Print ISSN 0268-3768	<a href="https://www.springer.com/journal/171">https://www.springer.com/journal/171</a> <a href="https://ngl.clarivate.com/search-results?issn=0268-3768&amp;hide_exact_match_0=checked&amp;source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ngl.clarivate.com/search-results?issn=0268-3768&amp;hide_exact_match_0=checked&amp;source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
687	Toxicity, Natural and Induced Degradation of Chlopyrifos	Dhiraj Sud , Jitesh Kumar , Paramjeet Kaur And Prvi Bansal	Chemistry	J. Chil. Chem. Soc.	185	2020	7179324	<a href="https://dx.doi.org/10.4067/S0712-90702000034867">https://dx.doi.org/10.4067/S0712-90702000034867</a>
688	Tunable optical properties of Ni-Ag and Ni-Au nanoparticles in magneto-plasmonic nanostructures	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	OPTICAL AND QUANTUM ELECTRONICS	186	2020	0366-8919	Optical and Quantum Electronics   Home (springer.com)
689	Tunable optical response of Fe-Ag nanoparticles in core-shell nanostructures	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	187	2020	09205071, 15669897	Journal of Electromagnetic Waves and Applications   Home
690	Tunable plasmonic properties of elongated bimetallic alloy nanoparticles towards deep UV-NIR absorbance and sensing	Bhatia, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	188	2020	0022-4073	Journal of Quantitative Spectroscopy and Radiative Transfer   ScienceDirect.com by Elsevier
691	Two-particle azimuthal correlations as a probe of collective behaviour in deep inelastic ep scattering at HERA		Physics	JOURNAL OF HIGH ENERGY PHYSICS	189	2020	1126-6708	Journal of High Energy Physics   Home (springer.com)
692	Ultrasound-Promoted One-Pot Three-Component Synthesis of β-Amino Carbonyl Compounds Using Manganese Perochlorate	Bhupinder Kaur and Harish Kumar	Chemistry	Organic Preparations and Procedures International	190	2020	0030-4948	<a href="https://doi.org/10.1080/00304948.2020.1805995">https://doi.org/10.1080/00304948.2020.1805995</a>
693	Unmasking the Many Faces of Glycy ( <i>Glycyrrhiza glabra</i> L.): A Fresh Look on its Phytochemical and Medicinal Properties	Verma, D. K., Kinney, G., Kumar, P. and El-Shazly, M.	Food Engineering and Technology	Current Pharmaceutical Design,71(22), 2571-2581https://doi.org/10.12174/138161282666200625111530	191	2020	1381-6128	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
694	Valuation of Citrus reticulata (kinnow) peel for the extraction of harem using ultrasonication technique	A. Saini, Parmjit S. Panesar and M.B. Bera	Food Engineering & Technology	Biomass Conversion and Biorefinery,11, 2157-2165. https://doi.org/10.1007/s13399-020-00605-4 (IF- 4.050)	192	2020	2190-6823	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
695	Water retention and controlled release of KCl by using microwave-assisted green synthesis of xanthan gum-cl-poly (acrylic acid)-AgNP hydrogel nanocomposite	Singh, Jagdeep; Dhalwal, A. S.	Physics	POLYMER BULLETIN	193	2020	0170-0839 (print); 1436-2449 (web)	Polymer Bulletin   Home (springer.com)
696	Wireless Sensor Network approaches for monitoring and irrigation of farm fields in Precision Agriculture: A Review	Arandeep Kumar, Balwinder Singh Dhalwal, Damantpreet Singh	Department of Computer Science and Engineering	Solid State Technology	194	2020	0038-111X	<a href="http://solidstatetechnology.in/index.php/SS">http://solidstatetechnology.in/index.php/SS</a>

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699	Effect of fuel pressure, feed rate, and spray distance on cavitation erosion of Rodjet sprayed Al <sub>2</sub> O <sub>3</sub> -50%TiO <sub>2</sub> coated AISI410 steel	Shivam Pandey, Anuj Bansal, Ankit Omer, Anil Kumar Singla, Deepak Kumar Goyal, Jagtar Singh, Manish Kumar Gupta	Mechanical	Surface & Coatings Technology.	3	2021	ISSN: 0257-8972	<a href="https://www.sciencedirect.com/journal/surface-and-coatings-technology">https://www.sciencedirect.com/journal/surface-and-coatings-technology</a> <a href="https://img.clarivate.com/search-results?issn=0257-8972&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://img.clarivate.com/search-results?issn=0257-8972&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
700	340 Ghz all-optical NOT, XOR, XNOR, A', B', AB', OR and NOR logic gates based on cross-gain modulation in semiconductor optical amplifiers	V Sharma, S Singh	ECE	Optik	4	2021	0030-4026 / 1618-1336	<a href="https://ml.clarivate.com/search-results?issn=0030-4026&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0030-4026&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
701	360 degree view of cross-domain opinion classification: a survey	Rahul Kumar Singh, Manoj Kumar Sachan, RB Patel	Department of Computer Science and Engineering	Artificial Intelligence Review	5	2021	1573-7462	<a href="https://www.springer.com/journal/10467">https://www.springer.com/journal/10467</a>
702	A class of computationally efficient Newton-like methods with frozen inverse operator for nonlinear systems	Janak Raj Sharma, Sanil Kumar	Mathematics	International Journal of Nonlinear Sciences & Numerical Simulation	6	2021	2191-0294	<a href="https://www.degruyter.com/journal/key/ijnsnm/html?lang=en">https://www.degruyter.com/journal/key/ijnsnm/html?lang=en</a>
703	A class of computationally efficient numerical algorithms for locating multiple zeros	J.R. Sharma, S. Kumar	Mathematics	Afrika Matematika	7	2021	1012-9405	<a href="https://www.springer.com/journal/13370">https://www.springer.com/journal/13370</a>
704	A comparative analysis of prominently used MCDM methods in cloud environment	Major Singh, Damayant Singh	Department of Computer Science and Engineering	The Journal of Supercomputing	8	2021	1573-0484	<a href="https://www.springer.com/journal/10995">The Journal of Supercomputing   Home   Springer.com</a>
705	A comparative study of structural and ferroelectric properties of Ca, Sr and Ba doped 0.2BaFeO <sub>3</sub> -0.8PbFeO <sub>3</sub> solid solutions	Kanika Aggarwal	Physics	Materials Characterization	9	2021	1044-5803	Materials Characterization   Journal   ScienceDirect.com by Elsevier
706	A comprehensive review on synthetic approaches for metal-organic frameworks: From traditional solvothermal to greener protocols	Dhiraj Sud and Gagandeep Kaur	Chemistry	Polyhedron	10	2021	0277-5387.	<a href="https://doi.org/10.1016/j.poly.2020.114897">https://doi.org/10.1016/j.poly.2020.114897</a>
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708	A differential Subordination and univalence of Analytic Functions	Garwinder Kaur S.S.Billing and S.S.Dhalwal	Mathematics	Palestine Journal of Mathematics	12	2021	2590-0374	<a href="https://jpm.ppu.edu/about">https://jpm.ppu.edu/about</a>
709	A family of derivative-free methods for solving nonlinear equations	Janak Raj Sharma, Sanil Kumar	Mathematics	ANNALI DELL'UNIVERSITA' DI FERRARA	13	2021	2468-0133	<a href="https://www.springer.com/journal/11565">https://www.springer.com/journal/11565</a>
710	A family of fifth-order iterative methods for finding multiple roots of nonlinear equations	J.R. Sharma, H. Arora	Mathematics	Numerical analysis and applications	14	2021	0430-3202	<a href="https://www.springer.com/journal/12258">https://www.springer.com/journal/12258</a>
711	A novel manufacturing process of paper composite using recycled old newspaper sheets and phenol formaldehyde resin	Sinha, A. S. K.	Chemical Engineering	IPPTA	15	2021	3795462	<a href="https://www.scopus.com/authid/detail.url?authid=55435473700">https://www.scopus.com/authid/detail.url?authid=55435473700</a>
712	A Novel Patent Assessment Criterion for Carbon Dioxide Capture Technologies	Akash Sood, Avinash Thakur and Sandeep Mohan Ahuja	Chemical Engineering	Iranian Journal of Chemistry and Chemical Engineering	16	2021	0974-6455	<a href="https://www.scopus.com/authid/detail.url?authid=57234049566">https://www.scopus.com/authid/detail.url?authid=57234049566</a>
713	A Public Key Authentication and Privacy-Preserving Model for Securing Healthcare System	Sarbjot Singh & Dilip Kumar	ECE	IETE Journal of Research	17	2021	0377-2063 / 0974-780X	<a href="https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
714	A Review on Grafted, Crosslinked and Composites of Biopolymer Xanthan Gum for Phasing out Synthetic Dyes and Toxic Metal Ion from Aqueous Solutions	Anshpreet Kaur, Damunjit Singh, and DhirajSud	Chemistry	Journal of Polymer Research	18	2021	1022-9760	<a href="https://doi.org/10.1007/s10965-020-02271-6">https://doi.org/10.1007/s10965-020-02271-6</a>
715	A Review on High Performance Liquid Chromatographic Methods for the Determination of Metformin	Gagandeep Kaur*Somali Garg, Pratiima Sharma Dhiraj Sud	Chemistry	Current Analytical Chemistry	19	2021	1573-4110	<a href="https://dx.doi.org/10.2174/157341101666700110141932">https://dx.doi.org/10.2174/157341101666700110141932</a>
716	A synergy of binary differential evolution and binary local search optimizer to solve multi-objective profit based unit commitment problem	Jaivinder Singh Dhalwal and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied Soft Computing Journal	20	2021	1687-9724	Consortium for Academic and Research Ethics (cmprnc.ac.in)
717	Adsorption Behaviour of Quinalphos and Its Leaching Potential in Different Agricultural Soils	PanrajeevKaur,Prish Bansal &Dhiraj Sud	Chemistry	Soil and sedimentation Contamination – An International Journal	21	2021	1532-0383	<a href="https://doi.org/10.1080/15320383.2021.1890601">https://doi.org/10.1080/15320383.2021.1890601</a>
718	AIEMLA: Artificial Intelligence Enabled Machine Learning Approach for Routing Attacks on Internet of Things	Sharma, S., Vinod Kumar Verma	Department of Computer Science and Engineering,	SPRINGER The Journal of Supercomputing	22	2021	0920-8542	<a href="https://link.springer.com/article/10.1007/s11127-021-02833-1">https://link.springer.com/article/10.1007/s11127-021-02833-1</a>
719	Amphiphilic chitosan-acrylic acid/thiourea based semi-interpenetrating hydrogel: Solvothermal synthesis and evaluation for controlled release of organophosphate pesticide, Triazophos	Naveen Bhullar, Kamlesh Kumari, Dhiraj Sud	Chemical Engineering	Journal of Applied Polymer Science	23	2021	0021-8995	<a href="https://www.scopus.com/authid/detail.url?authid=5710492454">https://www.scopus.com/authid/detail.url?authid=5710492454</a>
720	Amphiphilic chitosan-acrylic acid/thiourea based semi-interpenetrating hydrogel: Solvothermal synthesis and evaluation for controlled release of organophosphate pesticide, Triazophos	Naveen Kaur, Sumita , Kamlesh Kumari and Dhiraj Sud	Chemistry	Journal of applied polymer Science	24	2021	1097-4628	<a href="https://doi.org/10.1002/app.50595">https://doi.org/10.1002/app.50595</a>
721	An Ab Initio study of electronic, mechanical, thermoelectric and vibrational properties of Dirac Semimetals Ca <sub>3</sub> P <sub>6</sub> and Ca <sub>3</sub> SnO	Kaur, Tansiet; Sinha, M. M.	Physics	MATERIALS TODAY COMMUNICATIONS	25	2021	2352-4928	Materials Today Communications   Journal   ScienceDirect.com by Elsevier
722	An automated slice sorting technique for multi-slice computed tomography liver cancer images using convolutional network	Anandeep Kaur, Ajay Pal Singh Chauhan and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Expert Systems with Applications	26	2021	0957-4174	Consortium for Academic and Research Ethics (cmprnc.ac.in)
723	An automated slice sorting technique for multi-slice computed tomography liver cancer images using convolutional network	Kaur, Anandeep, Ajay Pal Singh Chauhan, and Ashwani Kumar Aggarwal	ECE	Expert Systems with Applications	27	2021	0957-4174 / 1873-6793	<a href="https://ml.clarivate.com/search-results?issn=0957-4174&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0957-4174&amp;hide_exact_match_filters&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
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725	An efficient collocation algorithm with SSP-RK43 scheme to solve Rosenau-KdV-RLW equation	Shalhi & VK Kojreja	Mathematics	International Journal of Applied & Computational Mathematics	29	2021	2349-5103	International Journal of Applied and Computational Mathematics   Home   Springer.com
726	An Efficient Human Identification Through Iris Recognition System	Manta Garg, Ajat Shatra Arora and Savita Gupta	Electrical & Instrumentation Engineering	Journal of Signal Processing Systems	30	2021	1939-8018	Consortium for Academic and Research Ethics (cmprnc.ac.in)
727	An excellent numerical technique for multiple roots	J.R. Sharma, S. Kumar	Mathematics	Mathematics and Computers in Simulation	31	2021	0378-4754	<a href="https://www.journals.elsevier.com/mathematics-and-computers-in-simulation">https://www.journals.elsevier.com/mathematics-and-computers-in-simulation</a>
728	An improved elephant herding optimization for global optimization problems	Harpreet Singh, Birnash Singh, Mangreet Kaur	Department of Computer Science and Engineering	Engineering with Computers	32	2021	1435-5663	<a href="https://www.springer.com/journal/366">https://www.springer.com/journal/366</a>
729	An improved entropic collocation technique for singularly perturbed problems using cubic B-spline functions	Shalhi, A Kumar & VK Kojreja	Mathematics	The Mediterranean Journal of Mathematics	33	2021	1660-5446	Mediterranean Journal of Mathematics   Home   Springer.com
730	An improved particle swarm optimization using simplex-based deterministic approach for economic-emission power dispatch problem	Namrata Chopra, Y.S. Bhat and J.S. Dhillon	Electrical & Instrumentation Engineering	Electrical Engineering	34	2021	0948-7921	Consortium for Academic and Research Ethics (cmprnc.ac.in)
731	An imposed collocation algorithm with specific-end conditions to solve modified Burgers equation	Shalhi & VK Kojreja	Mathematics	Numerical Methods for Partial Differential Equations	35	2021	1098-2426	Numerical Methods for Partial Differential Equations- Wiley Online Library
732	Analysis of a linear and non-linear model for diffusion-dispersion phenomena of pulp washing by using quintic Hermite interpolation polynomials	SP Kaur, AK Mittal & VK Kojreja, A Kanshal, N Panumasur & P Singh	Mathematics	Afrika Matematika	36	2021	2190-7668	Afrika Matematika   Home   Springer.com
733	Analysis of duplexer induced optical feedback interferometry for point-of-use refractometers	Vibhor Kumar Bhardwaj and Surita Maini	Electrical & Instrumentation Engineering	Optik	37	2021	0030-4026	Consortium for Academic and Research Ethics (cmprnc.ac.in)
734	Analysis of RLW and MRW equation using improved collocation technique with SSP-RK43 scheme	Shalhi & VK Kojreja	Mathematics	Wave Motion	38	2021	0165-2125	Consortium for Academic and Research Ethics (cmprnc.ac.in)
735	Analyzing the effect of germination on the pasting, rheological, morphological and in-vitro antioxidant characteristics of kodo millet flour and extracts.	Seema Sharma, Romee Jan, Charanjit S Riar and Vikas Bansal	Food Engineering & Technology	Food Chemistry, 361(1), 130073. <a href="https://doi.org/10.1016/j.foodchem.2021.130073">https://doi.org/10.1016/j.foodchem.2021.130073</a>	39	2021	0308-8146	
736	Anomalous correlations in photoproduction and deep inelastic ep scattering at HERA			JOURNAL OF HIGH ENERGY PHYSICS	40	2021	1126-6708	Journal of High Energy Physics   Home   Springer.com
737	Banana Starch: Properties Illustration and Food Applications - A Review	Dhull S B, Malik, T., Kaur, R., Kumar, P. Kanshal, N. and Singh, A.	Food Engineering and Technology	Starch-Stärke 73(1-2), 200085 <a href="https://doi.org/10.1002/star.202000085">https://doi.org/10.1002/star.202000085</a>	41	2021	0038-9056	<a href="https://onlinelibrary.wiley.com/doi/10.1002/star.202000085">https://onlinelibrary.wiley.com/doi/10.1002/star.202000085</a>
738	Bearing defect identification via evolutionary algorithm with adaptive wavelet mutation strategy	Sumika Chauhan, Mannohar Singh and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Measurement	42	2021	0263-2241	Consortium for Academic and Research Ethics (cmprnc.ac.in)
739	Bernoulli Wavelet Method for Numerical Solution of Anomalous Diffusion and Diffusion Modeling by Nonlinear Fractional Differential Equations of Variable Order	Devendra Choudhan, Vinod Mishra and H.M. Srivastava	Mathematics	Results in Applied Mathematics	43	2021	978-0-7354-4105-7	<a href="https://www.sciencedirect.com/journal/results-in-applied-mathematics/about/abstracting-and-indexing">https://www.sciencedirect.com/journal/results-in-applied-mathematics/about/abstracting-and-indexing</a>

740	Bianchi type-I cosmological model in Saez-Ballester theory with variable deceleration parameter	R.K. Mishra and Hema Dua, Bianc	Mathematics	Astrophysics and Space Science	44	2021	0004-640X	<a href="https://www.springer.com/journal/10509">https://www.springer.com/journal/10509</a>
741	Burst: Real Time Events Burst Detection in Social Text Stream	Tajinder Singh, Madhu Kumari	Department of Computer Science and Engineering	Journal of super computing	45	2021	1573-0484	<a href="https://www.springer.com/journal/10509">The Journal of Supercomputing   Home (springer.com)</a>
742	Challenges and issues in the design of micro-machined antennas-a review	Ashish Kumar, Anur Patra Singh Pharwaha	ECE	Recent Advances in Electrical and Electronic Engineering	46	2021	2352-0965 / 2352-0973	<a href="https://ml.clarivate.com/search-results?issn=2352-0965&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=2352-0965&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
743	Changes in major flavonols and quercetin glycosides upon sweetening in onion cultivars.	Ehraj Majid, Shaif Hussain, Vikas Nanda, and Mohammad Javed Ansari	Food Engineering and Technology	Journal of King Saud University – Science 33, 101222. <a href="https://doi.org/10.1016/j.jksus.2020.10.019">https://doi.org/10.1016/j.jksus.2020.10.019</a>	47	2021	1018-3647	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
744	Chaotic approach for improving global optimization in Yellow Saddle Gourfish	Dovinder Kadyap, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Engineering Reports	48	2021	2577-8196	<a href="https://onlinelibrary.wiley.com/journal/25778196">https://onlinelibrary.wiley.com/journal/25778196</a>
745	Characterization and discrimination of Indian propolis based on physico-chemical, techno-functional, thermal and textural properties: A multivariate approach	Kirby Pant, Mantra Thakur, H.K. Chopra, Vikas Nanda, Muhammad Javed Ansari, Giacomo Patronezzan, Shamma Ibram Pathan, Sulaiman Ali Alharbi, Hesham S. Almsallim, Rabul Dana	Chemistry	Journal of King Saud University – Science	49	2021	1018-3647	<a href="https://doi.org/10.1016/j.jksus.2021.101405">https://doi.org/10.1016/j.jksus.2021.101405</a>
746	Characterization and discrimination of Indian propolis based on physico-chemical, techno-functional, thermal and textural properties: A multivariate approach	Pant, K., Thakur, M., Chopra, H. K., Nanda, V., Umani, S. and Ansari, M.	Food Engineering and Technology	Journal of King Saud University – Science, 33(4), 101405. <a href="https://doi.org/10.1016/j.jksus.2021.101405">https://doi.org/10.1016/j.jksus.2021.101405</a> (IF: 4.011)	50	2021	1018-3647	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
747	Chemistry of oxaphosphirane complexes	N. Volk, P. Malik, A. G. Alcaraz, A. Espinosa Ferao and R. Trebal	Chemistry	Coord. Chem. Rev.	51	2021	0010-8545	<a href="https://doi.org/10.1016/j.ccr.2021.213818">10.1016/j.ccr.2021.213818</a>
748	Citrus processing by-products: an overlooked repository of bioactive compounds.	Samudrop Kaur, Pamijs S. Panesar & Hatish K. Chopra	Food Engineering & Technology	Critical Reviews in Food Science and Nutrition, 1-21. <a href="https://doi.org/10.1080/10408398.2021.1943647">https://doi.org/10.1080/10408398.2021.1943647</a> (IF: 11.208)	52	2021	1549-7852	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
749	Classification of code-mixed bilingual phonetic text using sentiment analysis	Shalendra Kumar Singh, Manoj Kumar Sachan	Department of Computer Science and Engineering	International Journal on Semantic Web and Information Systems (ISWIS)	53	2021	1552-6283	<a href="https://www.igi-global.com/journal/international-journal-semantic-web-information/1092">https://www.igi-global.com/journal/international-journal-semantic-web-information/1092</a>
750	Classification of Parkinson disease using binary Rao optimization algorithm	Suvita Rani Sharma, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Expert Systems	54	2021	1468-0394	<a href="https://onlinelibrary.wiley.com/journal/14680394">https://onlinelibrary.wiley.com/journal/14680394</a>
751	Classification of Parkinson disease using binary Rao optimization algorithm	Suvita Rani Sharma, Birmohan Singh and Manpreet Kaur	Electrical & Instrumentation Engineering	Expert Systems	55	2021	0266-4720	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">Consortium for Academic and Research Ethics (unipune.ac.in)</a>
752	Cluster Head Selection in Heterogeneous Wireless Sensor Network Using a New Evolutionary Algorithm	Samita Chaudhri, Mamohan Singh and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Wireless Personal Communications	56	2021	0929-6212	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">Consortium for Academic and Research Ethics (unipune.ac.in)</a>
753	Comparative study of Metallocene catalyst propylene polymerization with different iteration rates	Sabia Bhagat and Nikhil Prakash	Chemical Engineering	Materials Today: Proceedings	57	2021	440477	<a href="https://www.scopus.com/urnid/detail.uri?urnid=5718302616">https://www.scopus.com/urnid/detail.uri?urnid=5718302616</a>
754	Comparative study of various processes used for removal of bitterness from kinnow pomace and kinnow pulp residue.	G. Singla, U.Singh, R.S. Sangsuan, Pamijs S. Panesar, and M. Krishania	Food Engineering & Technology	Food Chemistry, 335, 127643. <a href="https://doi.org/10.1016/j.foodchem.2020.127643">https://doi.org/10.1016/j.foodchem.2020.127643</a> (IF: 9.231)	58	2021	0308-8146.	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
755	Comparison of computer vision system and colour spectrophotometer for colour measurement of mozzarella cheese	Prashant Saurabh Minz and Charanjiv Singh Saini	Food Engineering and Technology	Applied Food Research, 1, 100020. <a href="https://doi.org/10.1016/j.afres.2021.100020">https://doi.org/10.1016/j.afres.2021.100020</a>	59	2021	2772-5022	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
756	Comparison of ultrasound and microwave assisted extraction of diosgenin from <i>Trypsella foetida graciosa</i> seed	Arya, P. and Kumar, P.	Food Engineering and Technology	Ultrasonics Sonochemistry, 74, 105572. <a href="https://doi.org/10.1016/j.ultsonch.2021.105572">https://doi.org/10.1016/j.ultsonch.2021.105572</a>	60	2021	1350-4177	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
757	Computation of design-related engineering properties and fracture resistance of plum ( <i>Prunus domestica</i> ) kernels to compressive loading	Mohd Asgh Sheikh, Charanjiv Singh Saini and Harish Kumar	Food Engineering and Technology	Journal of Agriculture and Food Research, 3:100101. <a href="https://doi.org/10.1016/j.jafr.2021.100101">https://doi.org/10.1016/j.jafr.2021.100101</a>	61	2021	2772-5022	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>
758	Computational and experimental studies on the effect of conformational flexibility on bonding and photophysics of a triaza-macrocyclic tripod	Verma, Rohini; Baral, Minati; Kamnogo, B. K.	Chemistry	JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY	62	2021	15731111	<a href="https://doi.org/10.1007/s10847-021-01084-4">10.1007/s10847-021-01084-4</a>
759	Contract Theory-based Incentive Design Mechanism for Opportunistic IoT Networks	N. Gupta, Jagdeep Singh, S. K. Dhurandher, Z. Han	Department of Computer Science and Engineering	IEEE Internet of Things Journal	63	2021	23274662	<a href="https://ieeexplore.ieee.org/abstract/document/9525441">https://ieeexplore.ieee.org/abstract/document/9525441</a>
760	Cross-phase modulation based ultra-flat 90-line optical frequency comb generation	V Sharma, S Singh	ECE	Optical and Quantum Electronics	64	2021	0306-8919 / 1572-817X	<a href="https://ml.clarivate.com/search-results?issn=0306-8919&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0306-8919&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
761	Deadline Aware Energy-Efficient Task Scheduling Model for a Virtualized Server	Major Singh, Dampreet Singh, Neha Garg	Department of Computer Science and Engineering	SN Computer Science	65	2021	2661-8907	<a href="https://www.scopus.com/journal/26618907">SN Computer Science   Home (springer.com)</a>
762	Demonstration of optical frequency comb generation using four-wave mixing in highly nonlinear fiber	V Sharma, S Singh, EA Anabkima, AV Andrianov	ECE	Optik	66	2021	0030-4026 / 1618-1336	<a href="https://ml.clarivate.com/search-results?issn=0030-4026&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0030-4026&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
763	Design analysis of multi-wavelength conversion based on XAM effect of EAM for high speed optical transmission	T Kaur, S Singh, EA ANASHKINA, AV ANDRIANOV	ECE	Optoelectronics and Advanced Materials-Rapid Communications	67	2021	1842-6573 / 2065-3824	<a href="https://ml.clarivate.com/search-results?issn=1842-6573&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1842-6573&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
764	Design and analysis of dual polarized Au and TiO2-coated photonic crystal fiber surface plasmon resonance refractive index sensor: an extraneous sensing	AK Shakya, S Singh	ECE	Journal of Nanophotonics	68	2021	1934-2608	<a href="https://ml.clarivate.com/search-results?issn=1934-2608&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1934-2608&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
765	Design and investigation of a dedicated PCR SPR biosensor for CANCER exposure employing external sensing	A Ramola, A Marwaha, S Singh	ECE	Applied Physics A	69	2021	1432-0630 / 0947-8396	<a href="https://ml.clarivate.com/search-results?issn=1432-0630&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1432-0630&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
766	Design of a Two-Channel Quadrature Mirror Filter Bank Through Diversity-Driven Multi-Parent Evolutionary Algorithm	Samita Chaudhri, Mamohan Singh and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Circuits, Systems, and Signal Processing	70	2021	0278-081X	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">Consortium for Academic and Research Ethics (unipune.ac.in)</a>
767	Design of cylindrical conformal slotted microstrip patch antenna for wideband applications	S Kohar, S Singh, A De	ECE	International Journal of Electronics Letters	71	2021	2168-1724 / 2168-1732	<a href="https://www.scopus.com/journal/21681732">https://www.scopus.com/journal/21681732</a>
768	Design of dual polarized tetra core PCF based plasmonic RI sensor for visible-IR spectrum	AK Shakya, S Singh	ECE	Optics Communications	72	2021	0030-4018 / 1873-0310	<a href="https://ml.clarivate.com/search-results?issn=0030-4018&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0030-4018&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
769	Design of Low Profile Cylindrical Conformal Microstrip Patch Antenna for Wideband Operation	S Kohar, S Singh, A De	ECE	IETE Journal of Research	73	2021	0377-2063 / 0974-780X	<a href="https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
770	Design, synthesis, spectroscopic, photophysical and computational studies of a C-3-symmetric hydroxyquinoline based tripod-TREN2OX and its interaction with Fe(II) and Al(III)	Thakur, Monika; Baral, Minati; Kamnogo, B. K.	Chemistry	JOURNAL OF MOLECULAR STRUCTURE	74	2021	0022-2860.	<a href="https://doi.org/10.1016/j.molstruc.2021.131436">10.1016/j.molstruc.2021.131436</a>
771	Detection of epileptic seizure EEG signal using multiscalar entropies and complete ensemble empirical mode decomposition	Garwinder Singh, Manpreet Kaur, Birmohan Singh	Department of Computer Science and Engineering	Wireless Personal Communications	75	2021	1572-834X	<a href="https://www.springer.com/journal/11277">https://www.springer.com/journal/11277</a>
772	Development and Characterization of a Nutritionally Rich Spray-Dried Honey Powder	Yogita Subag, Gdizer Ahmad Nayik, Isomnis K. Karabagias, and Vikas Nanda	Food Engineering and Technology	Foods, 10(1): 162. <a href="https://doi.org/10.3390/foods10010162">https://doi.org/10.3390/foods10010162</a>	76	2021	2304-8158	
773	Development and characterization of fenugreek protein based edible film	Kumari, N., Bangar, S. P., Petru, M., Blyas, R.A., Singh, A., and Kumar, P.	Food Engineering and Technology	Foods(10), 1976. <a href="https://doi.org/10.3390/foods10091976">https://doi.org/10.3390/foods10091976</a>	77	2021	2304-8158	<a href="https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst">https://ugccare.unipune.ac.in/Apps1/User/Web/CA/ReIst</a>

774	Development of a Flexible Tripodal Hydroxyoxymine Ligand with Cyclohexane Framework: Complexation, Solution Thermodynamics, Spectroscopic and DFT Studies	Dash, Dibyajit; Baral, Minati; Kamungo, Bikram K.	Chemistry	CHEMISTRYSELECT	78	2021	2365-6549	<a href="https://doi.org/10.1002/ctc.202102962">10.1002/ctc.202102962</a>
775	Development of Microstrip Antenna for Satellite Application at Ku/Ka Band	F Al-Janabi, MJ Singh, Anur Partap Singh Phawaha	ECE	Journal of Communications	79	2021	1796-2021	<a href="https://www.scopus.com/sourceid/21100230800">https://www.scopus.com/sourceid/21100230800</a>
776	Diosgenin a steroidal compound: An emerging way to cancer management	Arya, P. and Kumar, P.	Food Engineering and Technology	Journal of Food Biochemistry 45(12), e14005. <a href="https://doi.org/10.1111/jfbc.14005">https://doi.org/10.1111/jfbc.14005</a>	80	2021	0145-8884	<a href="https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist">https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist</a>
777	Dynamic Deep Genomics Sequence Encoder for Managed File Transfer	Amandeep Kaur, Ajay Pal Singh Chauhan, Ashwani Kumar Aggarwal	ECE	ITE: Journal of Research	81	2021	0377-2063 / 0974-780X	<a href="https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0377-2063&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
778	Economic power generation scheduling exploiting hill-climbed Sim- Coarse algorithm	Gargpreet Kaur and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied Soft Computing Journal	82	2021	1687-9724	Consortium for Academic and Research Ethics (unipune.ac.in)
779	Effect of lysosyme infusion, high-intensity ultrasound and controlled thermal treatment on the physicochemical and functional characteristics of <i>Chlopyosafum ulthum</i> protein isolate based active packaging film.	Nisar A. Mr., Charanjit S. Riar, Sukhehar Singh	Food Engineering & Technology	Food Packaging and Shelf Life. 29,100686. <a href="https://doi.org/10.1016/j.fpsl.2021.100686">https://doi.org/10.1016/j.fpsl.2021.100686</a>	83	2021	22142894	<a href="https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist">https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist</a>
780	Effect of packaging materials on the shelf-life of vermicelli supplemented with enzyme processed kinnow pulp residue.	Gisha Singla, Parmjit S. Panesar, Rajender S. Sangwan	Food Engineering & Technology	Journal of Food Process Engineering 45(6), e13862. <a href="https://doi.org/10.1111/jfpe.13862">https://doi.org/10.1111/jfpe.13862</a> (IF: 2.609)	84	2021	0145-8876	<a href="https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist">https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist</a>
781	Effect of Probe Ultrasonication, Microwave and Sunlight on Biosynthesis, Biosactivity and Structural Morphology of Panica granatum Peel's Polyphenols-Based Silver Nanocomposites	R Foujdar, HK Chopra, MB Bera, AK Chauhan, P Mahajan	Chemistry	Waste and Biomass Valorization	85	2021	1877-2641	<a href="https://doi.org/10.1007/s12649-020-01175-2">https://doi.org/10.1007/s12649-020-01175-2</a>
782	Effect of spin-orbital coupling on the electronic, mechanical, thermoelectric, and vibrational properties of XNBI (X = Se and Y): A first-principles study	Goyal, Megha; Sinha, M. M.	Physics	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	86	2021	0022-3697	Journal of Physics and Chemistry of Solids   ScienceDirect.com by Elsevier
783	Effect of ultrasound-assisted hydrodistillation on extraction kinetics, chemical composition, and antimicrobial activity of <i>Citrus jambhiri</i> peel essential oil. 2021/	Swati Priyadarshi, Piyush Kashyap, Ram Kishori Gadhave Navdeep Jindal	Food Engineering and Technology	Journal of Food Process Engineering 44(12), e13904. <a href="https://doi.org/10.1111/jfpe.13904">https://doi.org/10.1111/jfpe.13904</a>	87	2021	0145-8876	P.
784	Effective and efficient classification of gastrointestinal lesions: combining data preprocessing, feature weighting, and improved ant lion optimization	Dalwinder Singh, Birmohan Singh	Department of Computer Science and Engineering	Journal of Ambient Intelligence and Humanized Computing	88	2021	1868-5145	<a href="https://www.springer.com/journal/12462">https://www.springer.com/journal/12462</a>
785	Effective Removal of Methylene Blue Dye Using Silver Nanoparticles Containing Grafted Polymer of Guar Gum Acrylic Acid as Novel Adsorbent	Singh, Jagdeep; Dhaliwal, A. S.	Physics	JOURNAL OF POLYMERS AND THE ENVIRONMENT	89	2021	1572-8919 (electronic), 1566-2543(print)	Journal of Polymers and the Environment   Home (springer.com)
786	Efficacy of fluorescent protein-based edible coatings on the quality of whole eggs ( <i>Pisidium gaussoni</i> ) during storage	Sharma, Mohit and Charanjit Singh Saini	Food Engineering and Technology	Food Science and Applied Biotechnology, 4(2), 93-104. DOI: <a href="https://doi.org/10.30721/fsab2021.04.02.132">https://doi.org/10.30721/fsab2021.04.02.132</a>	90	2021	2603-3380	<a href="https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist">https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist</a>
787	Energy and resource efficient workflow scheduling in a virtualized cloud environment	Neha Garg, Damanpreet Singh, Major Singh Gera	Department of Computer Science and Engineering	Cluster Computing	91	2021	1573-7543	<a href="https://www.springer.com/journal/10586">https://www.springer.com/journal/10586</a>
788	Energy Efficient Clustering Protocols for Wireless Sensor Networks: A Review	Damanpreet Singh Amandeep Kumar, Balwinder Singh Dhalwal	Department of Computer Science and Engineering	Webology	92	2021	1735-188X	<a href="https://www.webology.org/">https://www.webology.org/</a>
789	Enhancing constrained application protocol using message options for internet of things	Sharu Bansal, Dilip Kumar	ECE	Cluster Computing	93	2021	1386-7857 / 1573-7543	<a href="https://ml.clarivate.com/search-results?issn=1386-7857&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1386-7857&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
790	Environment and economic burden of sustainable cooling/lubrication methods in machining of Inconel-800	Manish Kumar Gupta, Qinghua Song, Zhanqiang Liu, Murat Sarikaya, Muhammad Jamal, Mozammel Mia, Anil Kumar Singla, Aqib Masood Khan, Naveen Khanna, Dami Yu Pinxiong.	Mechanical	Journal of Cleaner Production	94	2021	0959-6526 ISSN	<a href="https://www.sciencedirect.com/journal/journal-of-cleaner-production">https://www.sciencedirect.com/journal/journal-of-cleaner-production</a> <a href="https://ml.clarivate.com/search-results?issn=0959-6526&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0959-6526&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
791	Equilibrium and Thermodynamic Studies on Adsorption of Cadmium (II) from Aqueous Solutions by using Powdered Posh of Dalbergia Sissoo	Gulshan Kumar Jawa and Sandeep Mohan Ahuja	Chemical Engineering	AIP Conf. Proc	95	2021	1551-7616	<a href="https://www.scopus.com/authid/detail.uri?authorId=572143192566">https://www.scopus.com/authid/detail.uri?authorId=572143192566</a>
792	Evidence of finite magneto-electric coupling in SmFeO <sub>3</sub> -PbTiO <sub>3</sub> solid solutions	Kanika Aggarwal	Physics	Journal of Magnetism and Magnetic Materials	96	2021	0304-8853 (print); 1873-4766 (web)	Journal of Magnetism and Magnetic Materials   ScienceDirect.com by Elsevier
793	Evolution of FRW Universe in Brans-Dicke Gravity	R.K. Mishra and Hemo Das	Mathematics	Astrophysics and Space Science	97	2021	0044-644X	<a href="https://www.springer.com/journal/10509">https://www.springer.com/journal/10509</a>
794	Experimental and DFT studies of metal pincer complexes: An insight on structures and bonding	Shandeep, Pratidnya; Sharma, Shuliza; Baral, Minati; Kamungo, B. K.	Chemistry	JOURNAL OF MOLECULAR STRUCTURE	98	2021	0022-2860.	<a href="https://doi.org/10.1016/j.molstruc.2021.130725">10.1016/j.molstruc.2021.130725</a>
795	Exploring the structural, elastic, lattice dynamical stability and thermoelectric properties of semiconducting novel quaternary Heusler alloy LSCdPbPb	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	JOURNAL OF SOLID STATE CHEMISTRY	99	2021	0022-4596	Journal of Solid State Chemistry   ScienceDirect.com by Elsevier
796	Extraction and evaluation of structural and physicochemical properties of dietary fiber concentrate from mango peels by using green approach.	Brahmet Kaur, Parmjit S. Panesar* & Avinash Thakur	Food Engineering & Technology	Biomass Conversion and Biorefinery, 1-10. <a href="https://doi.org/10.1007/s13399-021-01740-2">https://doi.org/10.1007/s13399-021-01740-2</a> (IF: 4.050)	100	2021	2190-6823	<a href="https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist">https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist</a>
797	First-principle study of structural, electronic, thermoelectric and vibrational properties of Co-2-based Weyl semimetal VCo <sub>2</sub> Al	Kaur, Tavneet; Sinha, Marari Mohan	Physics	BULLETIN OF MATERIALS SCIENCE	101	2021	0250-4707 (print); 0973-7669 (web)	Bulletin of Materials Science   Home (springer.com)
798	First principles investigation on the electronic, mechanical and lattice dynamical properties of novel AlN <sub>x</sub> (X = As and Sb) half-Heusler alloys	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	MATERIALS TODAY COMMUNICATIONS	102	2021	2352-4928	Materials Today Communications   Journal   ScienceDirect.com by Elsevier
799	Flexible Graphene Sheet loaded Curved Patch Antennae for Superficial Hyperthermia Treatment Planning Utilizing Ripple Effect of Archcraft and Zigzag bending	Alka Singla, Anupma Marwaha, Sanjay Marwaha, Surekha Rani	ECE	Current Nanoscience	103	2021	1573-4137 / 1875-6786	<a href="https://ml.clarivate.com/search-results?issn=1573-4137&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1573-4137&amp;hide_exact_match=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
800	Formula refining through composite Blend of soya, Alfalfa and Wheat flour: A Vegan Meat approach	Sharma, A., Rawat, K., Jattan, P., Kumar, P., Tokousgho, O., Kumar, P., Vural, H. and Singh, A.	Food Engineering and Technology	Journal of Food Processing and Preservation, 46(5), e15235. <a href="https://doi.org/10.1111/jfpp.15235">https://doi.org/10.1111/jfpp.15235</a>	104	2021	1745-4549	<a href="https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist">https://agcare.unipune.ac.in/Apps1/User/WebA/CA/RElist</a>
801	Frequency, Temperature and Moisture Dependent Dielectric Properties of Chicken Manure Relevant to Radio Frequency Microwave Drying	P Pankaj, P Kaur, KS Mann	Physics	Poultry Science Journal	105	2021	0032-5791	The Journal of Poultry Science (jst.gatejournals.com)
802	Fuzzy Logic Based Zone Head Selection Algorithm for Wireless Sensor Networks	Gurjinder Kaur, Anchal Garg	Department of Computer Science and Engineering	Journal of University of Shanghai for Science and Technology	106	2021	1007-6735	Home - Journal of University of Shanghai for Science and Technology (jusst.org)
803	Girls Burn Braisheet: An Exhilarating Portrayal of Feminism.	Dr. Parveen Kaur Khanna, Shobha Rani	Management and Humanities	Agamam Journal	107	2021	0776-3808	<a href="http://agajournal.com/">http://agajournal.com/</a>
804	Graphene as a Shielding Material for SAR Reduction in Human Head using Rectangular and Circular Patch Antenna	Alka Singla, Anupma Marwaha, Sanjay Marwaha	ECE	Karlsruhe International Journal of Modern Science	108	2021	2405-609X / 2405-6103	<a href="https://www.scopus.com/sourceid/21100897136">https://www.scopus.com/sourceid/21100897136</a>
805	Hierarchical clustering and routing protocol to ensure scalability and reliability in large-scale wireless sensor networks	Harnampreet Singh, Damanpreet Singh	Department of Computer Science and Engineering	The Journal of Supercomputing	109	2021	1573-0484	The Journal of Supercomputing   Home (springer.com)
806	Hierarchical three dimensional polyimide/N-doped graphene nanocomposite hydrogel for energy storage applications	Kanika Aggarwal	Physics	Energy storage, Wiley	110	2021	2578-4862	Energy Storage - Wiley Online Library
807	Hybrid SFO and TLBO optimization for biodegradable classification	Savita Rani Sharma, Birmohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Soft Computing	111	2021	1433-7479	<a href="https://www.springer.com/journal/200">https://www.springer.com/journal/200</a>
808	Hybrid SFO and TLBO optimization for biodegradable classification	Savita Rani BirmohanSingh, and Manpreet Kaur	Electrical & Instrumentation Engineering	Soft Computing	112	2021	1432-7643	Consortium for Academic and Research Ethics (unipune.ac.in)
809	Hydrogel: Synthesis, Classification, Properties and Potential Applications – A Brief Review	Babir Singh Kaibh, Anjali Singh, Anni Kumar Sharm and Dhiriq Sad	Chemistry	Journal of Polymers and the Environment	113	2021	1566-2543	<a href="https://doi.org/10.1007/s10924-021-02184-5">https://doi.org/10.1007/s10924-021-02184-5</a>

810	Impact analysis of different trade-off parameters on coherent sensing applications of single-mode self-mixing optical feedback interferometers	Vibhor Kumar Bharadwaj and Surita Maini	Electrical & Instrumentation Engineering	Optical and Quantum Electronics	114	2021	0306-8919	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
811	Improved Directional Bat Algorithm Based Electric Power Dispatch	Diljinder Singh and J.S. Dhillon	Electrical & Instrumentation Engineering	Electric Power Components and Systems	115	2021	1532-9008	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
812	Improvement in the functional properties of quinoa ( <i>Chenopodium quinoa</i> ) protein isolates after the application of controlled heat-treatment: Effect on structural properties.	Nisar A. Mr, Charanjit S. Riar, Sukhcham Singh	Food Engineering & Technology	Food Structure, 28, 100189. 100189.https://doi.org/10.1016/j.fostr.2021.100189	116	2021	2213-3291	
813	Improving the classification of phishing websites using a hybrid algorithm	Savitri Rani Sharma, Birnohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Computational Intelligence	117	2021	1467-8640	<a href="https://online.liebertpub.com/ijournal/14678640">https://online.liebertpub.com/ijournal/14678640</a>
814	Improving the classification of phishing websites using a hybrid algorithm	Savitri Rani BirnohanSingh, and Manpreet Kaur	Electrical & Instrumentation Engineering	Computational Intelligence	118	2021	0824-7935	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
815	Indium(III)-Catalyzed synthesis of primary carbamates and N-substituted ureas	Isha Jain and Payal Malik	Chemistry	Synlett	119	2021	0956-5214	10.1055/s-0040-1729927
816	Individual Creativity: Building and Sustaining the Source of Innovative Entrepreneurship.	Dr. Parveen Kaur Khanna,	Management and Humanities	Journal of Interdisciplinary Cycle Research	120	2021	0022-1945	<a href="http://www.ijournal.com/">http://www.ijournal.com/</a>
817	Investigation of substrate materials for graphene oxide absorber loaded antenna array increased ambient temperature	Surekha Rani, Anupma Marwaha, Sanjay Marwaha	ECE	Photonic Network Communications	121	2021	1387-974X / 1572-8188	<a href="https://ml.clarivate.com/search-results?issn=1387-974X&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1387-974X&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
818	Investigations of mechanical and thermoelectric properties of ANiP <sub>0.99</sub> Se <sub>0.01</sub> half-Heusler alloy	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	MATERIALS CHEMISTRY AND PHYSICS	122	2021	0254-0584	Materials Chemistry and Physics - Journal - Elsevier
819	MACO-QCR: Multi-Objective ACO-Based QoS-Aware Cross-Layer Routing Protocols in WSN	Tanupreet Kaur, and Dilip Kumar	ECE	IEEE Sensors Journal	123	2021	1530-437X / 1558-1748	<a href="https://ml.clarivate.com/search-results?issn=1530-437X&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1530-437X&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
820	Measuring Accuracy of Stock Price Prediction using Novel Hybrid Model: A Machine Learning Classifier	Ranjit Kaur, Yogesh Kumar Verma, Tajinder Singh	Department of Computer Science and Engineering	Ciencia e Tecnica Vitivincola	124	2021	2416-3953	<a href="https://www.cvtv-ve.com/journal/">https://www.cvtv-ve.com/journal/</a>
821	Millet Starch: A Review.	Palak Mahajan, M. B. Beta, Parajit S. Panesar and A Chaudhan (2021) Millet Starch: A Review.	Food Engineering & Technology	International Journal of Biological Macromolecules,180, 61-79. https://doi.org/10.1016/j.ijbioms.2021.03.063 (IF: 8.025)	125	2021	0141-8130	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
822	Mobility and Identity in Kiran Desai's 'The Inheritance of Loss'	Vandana Sukheerja and Japreet Kaur Bhangu	Management and Humanities	Journeys. Vol. 22 Issue 2: 70-82	126	2021	1752-2358	<a href="https://www.berg-hill-journals.com/view/journal/24/nseries/fojourneys-overview">https://www.berg-hill-journals.com/view/journal/24/nseries/fojourneys-overview</a>
823	Modelling and Simulation of Vertical Fin Style Aluminium Heat Sink for Controlled Thermal Compensation in Absorber Loaded Antenna Array	Surekha Rani, Anupma Marwaha, Sanjay Marwaha	ECE	Journal of Communications Technology and Electronics	127	2021	1064-2269 / 1555-6557	<a href="https://ml.clarivate.com/search-results?issn=1064-2269&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1064-2269&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
824	Modification of kanki millet (Pennisetum purpureum) starch properties by the addition of amino acids for the preparation of hydrogels and its characterization.	Palak Mahajan, Manab B. Beta, Parajit S. Panesar	Food Engineering & Technology	International Journal of Biological Macromolecule,91, 9-18. https://doi.org/10.1016/j.ijbioms.2021.09.072 (IF: 8.025)	128	2021	0141-8130	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
825	Moment of Inertia of Generalized Magic Cubes	Narsha Rani and Vinod Mishra	Mathematics	AIP Conference Proceedings	129	2021	978-0-7354-4105-7	<a href="https://aip.scitation.org/journal/aip">https://aip.scitation.org/journal/aip</a>
826	Multiband antenna design based on Gosper fractal for implantable biomedical devices	R Kumar, S Singh	ECE	International Journal of Microwave and Wireless Technologies,	130	2021	1759-0787 / 1759-0795	<a href="https://ml.clarivate.com/search-results?issn=1759-0787&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1759-0787&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
827	Multi-Objective Profit Based Commitment and Dispatch of Congestion System Using Decision Making Strategy Approach.	Himanshu Anand, Nitin Narang and J.S. Dhillon	Electrical & Instrumentation Engineering	IETE Technical Review	131	2021	0256-4602	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
828	N-heterocyclic carbene complexes in ring opening polymerization	Isha Jain, Payal Malik	Chemistry	Eur. Polym. J.	132	2021	0014-3057	10.1016/j.eurpolym.2021.110412
829	Noting nutraceutical constituents: In vitro and in vivo pharmacological potential.	Tanu Malik, Ruchi Sharma, Parajit S. Panesar, Rakesh Gellor, Oritan Tekosogho, Sanjo Bala Dhilli, Hahi Vinod, Aiyaz Stach	Food Engineering & Technology	Journal of Food Processing and Preservation, 46(6), e15848. https://doi.org/10.1111/jfpp.15848 (IF: 2.609)	133	2021	1745-4549	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
830	On the design of novel half T-square strip fractal antenna	Ashwini Kumar, Amar Partap Singh Phurwaha	ECE	International Journal of Electronics	134	2021	0020-7217 / 1362-3060	<a href="https://ml.clarivate.com/search-results?issn=0020-7217&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0020-7217&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
831	On the Fibonacci and by Norm of Circulant Matrices with Ducci Sequences and Gaussian Fibonacci Numbers	Raji Bala and Vinod Mishra	Mathematics	AIP Conference Proceedings	135	2021	2352	<a href="https://aip.scitation.org/journal/aip">https://aip.scitation.org/journal/aip</a>
832	Online Identification of Underlying Causes for Multiple and Multi-Stage Power Quality Disturbances Using S-Transform	Rajat Kumar, Bhim Singh, Rajkumar, and Sanjay Marwah	Electrical & Instrumentation Engineering	IETE Journal of Research	136	2021	0377-2063	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
833	Optical absorption analysis of core-shell type Ni@Ag/Au & Ni@Ag/Au magnetic-plasmonic nanostructures	Bhatis, Pradeep; Verma, S. S.; Sinha, M. M.	Physics	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	137	2021	0022-4073	Journal of Quantitative Spectroscopy and Radiative Transfer   ScienceDirect.com by Elsevier
834	Optical frequency comb generation by the exploitation of gain modulation phenomenon in semiconductor optical amplifier	V Sharma, S Singh, LG Bahria, EA Anashkina, AV Andrianov	ECE	Optical Engineering	138	2021	0091-3286 / 1560-2303	<a href="https://ml.clarivate.com/search-results?issn=0091-3286&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0091-3286&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
835	Optimal synthesis of aromatic carbonyl compounds by electrooxidation of soda lignins on stainless steel and TIMMO anodes.	Singh, S., and Ghatak, H.R.,	Chemical Engineering	Indian Journal of Chemistry and Chemical Engineering	139	2021	10219986	<a href="https://www.scopus.com/authorid/detail.url?authorid=57203511016">https://www.scopus.com/authorid/detail.url?authorid=57203511016</a>
836	Optimization and Development of Ready to Eat Chocolate Coated Roasted Flaked Rice as Instant Breakfast Food	Kumar, S., P. Baniwal, G.A. Nayik, K. Prasad, K.A. Khan, H.A. Ghrabh, H. Kumar and I.K. Karabagias	Food Engineering and Technology	Foods, 10 (7): 1658. https://doi.org/10.3390/foods10071658	140	2021	2304-8158	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
837	Optimization and evaluation of composite flour cookies prepared from germinated rice, kidney bean, and chickpea	Mandeep Singh Sibian, Charanjit Singh Riar	Food Engineering & Technology	Journal of Food Processing and Preservation, e14996. https://doi.org/10.1111/jfpp.14996	141	2021	0145-8892	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
838	Optimization of Carotenoid Pigment Extraction from Epicoccum nigrum Fermented Wheat Bran.	Sawinder Kaur, Parajit S. Panesar, Sushma Gurumayum, Prasad Rasane, and Vikas Kumar	Food Engineering & Technology	Industrial Biotechnology,17(2), 100-104. https://doi.org/10.1089/ind.2020.0005.	142	2021	1550-9087	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
839	Optimization of end milling parameters for rough and finish machining of Al-4032/3% SiC metal matrix composite	Saini, P., Singh, P. K.	Mechanical	Engineering Research Express	143	2021	2631-8695	<a href="https://iopscience.iop.com/journal/2631-8695">https://iopscience.iop.com/journal/2631-8695</a> <a href="https://ml.clarivate.com/search-results?issn=2631-8695&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=2631-8695&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
840	Optimization of ultrasound assisted extraction of polyphenols from Meghalayan cherry fruit (Punns nepalensis) using response surface methodology (RSM) and artificial neural network (ANN) approach.	Piyush Kashyap, Charanjit Singh Riar and Navdeep Jindal	Food Engineering & Technology	Journal of Food Measurement and Characterization, 15(2),199-133.https://doi.org/10.1007/s11694-020-09611-0	144	2021	2193-4126	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
841	Parametric analysis for cluster formation using Genetic algorithm and Antlion optimization method in Wireless Sensor Network	Damanpreet Singh Preeti, Ranjit Kaur	Department of Computer Science and Engineering	GIS Science Journal	145	2021	1869-9391	<a href="http://www.gis-science.net/">http://www.gis-science.net/</a>
842	Performance Analysis and Measurement of Soil Moisture Content by Piezoresistive Sensor	V Gaddikeri, M Hasan, D Kumar, A Sarangi, W Alam	ECE	MAPAN	146	2021	0970-3950 / 0974-9853	<a href="https://ml.clarivate.com/search-results?issn=0970-3950&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0970-3950&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
843	Performance estimation of wireless sensor network using archimedes optimization algorithm	Ranjit Kaur Preeti, Damanpreet Singh	Department of Computer Science and Engineering	Design Engineering	147	2021	0011-9342	<a href="https://www.scopus.com/journal/Design-Engineering-Transactions">https://www.scopus.com/journal/Design-Engineering-Transactions</a>
844	Photocatalytic degradation of dye by a copper(II) Schiff base metal complex under visible light irradiation	Hemant Kumar	Chemistry	National Conference on Physics and Chemistry of Materials	148	2021	978-3-030-96554-9	
845	Photocatalytic Degradation of Nigoloid Blue Black Dye by Schiff Base Metal Complex under UV Light Irradiation	Hemant Kumar	Chemistry	4 <sup>th</sup> National e-Conferece on Advanced Materials and Radiation Physics (AMRP-2020)	149	2021	0994-243X (print) 1551-7616 (web)	
846	Plasmonic Effects of Al Nanoparticles Embedded and Non-embedded in Thin Film GaAs Solar Cells with Ta <sub>2</sub> O <sub>5</sub> Antireflective Coating	Singh, Gurjit; Sekhon, Jagmeet Singh; Verma, S. S.	Physics	PLASMONICS	150	2021	1557-1955	Plasmonics   Home (springer.com)
847	Postharvest shelf-life extension of fresh-cut guava ( <i>Psidium guajava</i> ) using flavoured protein-based edible coatings	Sharma, Mohit and Charanjit Singh Saini	Food Engineering and Technology	Food Hydrocolloids for Health, 1, 100015. https://doi.org/10.1016/j.fhth.2021.100015	151	2021	2667-0259	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>
848	Predator-prey optimization based clustering algorithm for wireless sensor networks	Tarjot Singh Panag and J.S. Dhillon	Electrical & Instrumentation Engineering	Neural Computing and Applications	152	2021	0941-0643	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
849	Prediction of Enhancers in DNA Sequence Data Using a Hybrid CNN-DLSTM Model	Atandeep Kaur, Ajaypal Singh Chaudhan, Ashwani Kumar Aggarwal	ECE	IEEE/ACM Transactions on Computational Biology and Bioinformatics	153	2021	1545-5963 / 1557-9964	<a href="https://ml.clarivate.com/search-results?issn=1545-5963&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1545-5963&amp;hide_exact_match=false&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
850	Process Parameter Optimization and Characterization for an Edible Film Flavored Concern	Bangar, S. P., Singh, A., Tif, M., Kumar, M., Kumar, P., Kaur, R. and Kaur, N.	Food Engineering and Technology	Coatings11(9), 1106.https://doi.org/10.3390/coatings11091106	154	2021	2079-6412	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/REList</a>

851	Production of Biosurfactants by Ascomycetes	Michele Alves Sanchez, Isabella Galvão Lacerda, Ana Cláudia Alves Cortez, Érica Simplicio de Souza, Patrícia Melchioni Albuquerque, Harish Kumar Chopra, João Vicente Braga de Souza	Chemistry	International Journal of Microbiology	155	2021	1687-918X	<a href="https://doi.org/10.1155/2021/6669263">https://doi.org/10.1155/2021/6669263</a>
852	Recent advancements in ionic liquid-based carbon capture technologies	Akash Sood, Avinash Thakur and Sandeep Mohan Ahuja	Chemical Engineering	Chemical Engineering Communications	156	2021	1563-5201	<a href="https://www.scopus.com/authid/detail.url?authid=5723049566">https://www.scopus.com/authid/detail.url?authid=5723049566</a>
853	Recent approaches for enhanced production of microbial polyhydroxybutyrate: Preparation of biocomposites and applications.	Anjani, Gunwar Raturi, Shweta Shree, Amit Sharma, Parmjit S. Panesar, Sawana Goswami	Food Engineering & Technology	International Journal of Biological Macromolecules, 182, 1650-1669. <a href="https://doi.org/10.1016/j.ijbiomac.2021.05.037">https://doi.org/10.1016/j.ijbiomac.2021.05.037</a> (IF- 8.025)	157	2021	0141-8130	<a href="https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
854	Recent insights into carrageenan-based bio-nanocomposite polymers in food applications: A review.	Mohsin B. Aga, Amir H. Dar, Galzar A. Nayik, Parmjit S. Panesar, Farhana Allai, Shafiq A. Khan, Rafeyah Shams, John F. Kennedy, Aayesha Akid	Food Engineering & Technology	International Journal of Biological Macromolecules, 192, 197-202. <a href="https://doi.org/10.1016/j.ijbiomac.2021.09.212">https://doi.org/10.1016/j.ijbiomac.2021.09.212</a> (IF- 8.025)	158	2021	0141-8130	<a href="https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
855	Recent trends in extraction of plant bioactives using green technologies: A review	Manoj Kumar, Anil Dhanuja, Sudha Tiwari, Sneh Ponia, Yamini Tak, Ryszard Amarowicz, Amilkumar G. Bhorite, Suninder Singh, Shourabh Joshi, Parmjit S. Panesar, Ravi Prakash Saini et al.	Food Engineering & Technology	Food Chemistry, 355, 129431. <a href="https://doi.org/10.1016/j.foodchem.2021.129431">https://doi.org/10.1016/j.foodchem.2021.129431</a> (IF- 9.231)	159	2021	0308-8146	<a href="https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
856	Recent trends on the valorization strategies for the management of citrus by-products	Divyani Panwar, Parmjit S Panesar, Harish K Chopra	Chemistry	Food Reviews International	160	2021	8755-9129	<a href="https://doi.org/10.1180/87559129.2019.1695824">https://doi.org/10.1180/87559129.2019.1695824</a>
857	Reinforcement learning-based fuzzy geocast routing protocol for opportunistic networks	K. Khalid, I. Woungang, S. K. Dhurandher, Jagdeep Singh	Department of Computer Science and Engineering	Journal of Internet of Things	161	2021	1607-9264	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">https://www.sciencedirect.com/science/article/pii/S2542666621000287</a>
858	Remote Sensing for International Peace and Security: Its Role and Implications	Ram Avtar, Asma Kousser, Ashwani Kumar, Deepak Singh, Prakar Mishra, Ashika Gupta, Aji P. Yams, Paikaj Kumar, Brian Alan Johnson, Rajarshi Dasgupta, Neerananda Sabu and Andi Besse Rimba	Electrical & Instrumentation Engineering	Remote Sensing	162	2021	2072-4292	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">Consortium for Academic and Research Ethics (unipune.ac.in)</a>
859	Revealing the trend of structural, electronic, mechanical and vibrational properties in Co <sub>2</sub> VX (X= Si, Ge, Sn)	Kaur, Tavneet; Sishia, M. M.	Physics	JOURNAL OF SOLID STATE CHEMISTRY	163	2021	0022-4596	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">Journal of Solid State Chemistry   ScienceDirect.com by Elsevier</a>
860	Rheological behavior and storage studies of sprouted onion pastes from four onion varieties.	Ikhlas Majid, B.N.Dar, Vikas Nanda, Mona S Alwashbi, Jawaher Alkhalaf, and Mohammad Javed Ance	Food Engineering and Technology	Journal of King Saud University – Science, 33(2)101271. <a href="https://doi.org/10.1016/j.jksus.2020.101271">https://doi.org/10.1016/j.jksus.2020.101271</a>	164	2021	1018-3647	<a href="https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
861	Rice Diseases Identification And Classification Using Digital Image Processing And CNN Based Transfer Learning	Garjinder Kaur, Kumar Prashant	Department of Computer Science and Engineering	Webology	165	2021	1735-188X	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">Webology</a>
862	Role of operating process parameters on stability performance of green emulsion liquid membrane based on rice bran oil	A Kumar, A Thakur, PS Panesar.	Chemical Engineering	Theoretical Foundations of Chemical Engineering	166	2021	405795	<a href="https://www.scopus.com/authid/detail.url?authid=5723049566">https://www.scopus.com/authid/detail.url?authid=5723049566</a>
863	Slip stream optimization algorithm based cluster head selection in Wireless Sensor Networks	Damanpreet Singh Preeti, Ranjit Kaur	Department of Computer Science and Engineering	International Journal of Future Generation Communication and Networking	167	2021	2233-7857	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">https://www.sciencedirect.com/science/article/pii/S2542666621000287</a>
864	SDSWN—A Secure Approach for a Hop-Based Localization Algorithm Using a Digital Signature in the Wireless Sensor Network	Deepak Prashar, Mamoon Rashid, Shams Tabrez Siddiqui, Dilip Kumar, Amandeep Nagpal, Ahmed Saeed AlGhamdi, Sultan S Alshamrani	ECE	Electronics	168	2021	2079-9292	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">https://ml.elebase.com/jsearch-results?issn=2079-9292&amp;hide_exact_match=true&amp;linkButton_source=cm&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
865	Security explanations for routing attacks in low power networks on internet of things.	Sharma, S., Vinod Kumar Verma	Department of Computer Science and Engineering,	SPRINGER The Journal of Supercomputing	169	2021	0920-8542	<a href="https://link.springer.com/content/pdf/10.1007/s11227-020-03471-z.pdf">https://link.springer.com/content/pdf/10.1007/s11227-020-03471-z.pdf</a>
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870	Silver Nanoparticle Incorporated Flavescens Protein-Alginate Composite Films: Effect on Physicochemical, Mechanical, and Thermal Properties	KK Dash, A Kumar, S Kumari, MA Malik	Food Engineering & Technology	Journal of Polymers and the Environment 29 (11) . <a href="https://doi.org/10.1007/s10924-021-02137-y">https://doi.org/10.1007/s10924-021-02137-y</a> (Impact factor 3.667)	174	2021	3649-3659	<a href="https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
871	Sono-chemically synthesized mesoporous pyrophosphate-MeTOX/TiO <sub>2</sub> nanoparticles: Adsorbent for removal of commercial Methylene green dye	Ahinandansyal and Dhairaj Sud	Chemistry	Iranian Journal of Chemistry and Chemical Engineering	175	2021	71352428	<a href="https://doi.org/10.30492/ijcce.2021.522355.4500">https://doi.org/10.30492/ijcce.2021.522355.4500</a>
872	Spectroscopic, photophysical, solution thermodynamics and computational study of europium and terbium complexes with a flexible quinolinol-based symmetric tripodal chelator	Akbar, Rifat; Baral, Minati; Kamng, B. K.	Chemistry	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	176	2021	1386-1425	<a href="https://doi.org/10.1016/j.saa.2020.119124">10.1016/j.saa.2020.119124</a>
873	Spectroscopic, X-ray and DFT studies of geotactic tautomerism and photophysical properties of regioselectively designed new 3-, 2,3-substituted tetrahydro[4H]indazol-4-ones	Janeet Rana, Ram Pal Chaudhary	Chemistry	Journal of Molecular Structure	177	2021		<a href="https://doi.org/10.1016/j.molstruc.2021.130762">https://doi.org/10.1016/j.molstruc.2021.130762</a>
874	Split Ring Inspired Tri Dual Band PIFA Antenna for Implantable Biomedical Devices	R Kumar, S Singh, APS Chaudhan	ECE	Wireless Personal Communications	178	2021	0929-6212 / 1572-834X	<a href="https://ml.elebase.com/jsearch-results?issn=2079-9292&amp;hide_exact_match=true&amp;linkButton_source=cm&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.elebase.com/jsearch-results?issn=2079-9292&amp;hide_exact_match=true&amp;linkButton_source=cm&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
875	Spray drying of bottle gourd juice: Effect of different carrier agents on physical, antioxidant capacity, reconstitution, and morphological properties	Sabeeta Bhat, C.S. Saini, Vivek Kumar and H.K. Sharma	Food Engineering and Technology	ACS Food Science and Technology, 1(2): 282-291. <a href="https://doi.org/10.1021/acfoodscitech.0c00041">https://doi.org/10.1021/acfoodscitech.0c00041</a>	179	2021	2692-1944	
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878	Structural, morphological properties and phase stabilization criteria of the calcium zirconia system	Kumar, Ankit; Kumar, Pravin; Dhaliwal, A. S.	Physics	ADVANCES IN APPLIED CERAMICS	182	2021	1743-6753	<a href="https://www.sciencedirect.com/science/article/pii/S2542666621000287">Advances in Applied Ceramics   Taylor &amp; Francis Online (online.com)</a>
879	Studies on standardization of alcohol aided starch extraction process from Chenopodium album and its characterization	R. Singh, S. Singh, DC Saxena	Food Engineering & Technology	Journal of Food Measurement and Characterization 15, 5379-5391 (2021). <a href="https://doi.org/10.1007/s11694-021-01105-3">https://doi.org/10.1007/s11694-021-01105-3</a>	183	2021		
880	Synthesis and Application of (S)-Nicotine-Based Chiral Ionic Liquids in Enantioselective Recognition by Using Fluorescence Spectroscopy	Nimajjeet Kaur, Junaid Us Rahim, Rajkishore Rai, and Harish Kumar Chopra	Chemistry	ChemistrySelect	184	2021	2365-6549	<a href="https://doi.org/10.1002/slct.2021100925">https://doi.org/10.1002/slct.2021100925</a>
881	Synthesis of Metal Complex for Photocatalytic Degradation of Dyes under Visible Light Irradiation	Hemant Kumar	Chemistry	1 <sup>st</sup> International Conference on Innovative Research in Renewable Energy Technologies (IRRET-2021)	185	2021	1755-1415	
882	Synthesis, solution studies and DFT investigation of a tripodal ligand with 3-hydroxypropyl-4-one scaffold	Sharma, Shailza; Baral, Minati; Dash, Dhryajati; Kamnani, B. K.	Chemistry	JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY	186	2021	15731111	<a href="https://doi.org/10.1007/s10847-021-01088-0">10.1007/s10847-021-01088-0</a>
883	Systematic Evaluation and Studies on the Effect of Octenyl Succinate Anhydride Treatment on Structural, Functional, Morphological, and Flow Properties of Underutilized Chenopodium album Starch	R. Singh, S. Singh, DC Saxena	Food Engineering & Technology	Starch-Stärke, 74(3-4), 2100217. <a href="https://doi.org/10.1002/star.202100217">https://doi.org/10.1002/star.202100217</a>	187	2021	1521-379X	<a href="https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat">https://agccare.unipune.ac.in/Apps/1/User/Web/CA/Relat</a>
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886	The Corporate Woman : Myth or Reality	Dr. Parveen Kaur Khanna	Management and Humanities	Journal of Research in Humanities and Social Science	190	2021	2321 - 9467	<a href="https://www.ijournal.org/jhrhs/jhrhs.html#:~:st=journal%20of%20Research%20in%20Humanities%20and%20Social%20Sciences%20and%20and%20of%20Research%20in%20Humanities%20and%20Social%20Sciences">https://www.ijournal.org/jhrhs/jhrhs.html#:~:st=journal%20of%20Research%20in%20Humanities%20and%20Social%20Sciences%20and%20and%20of%20Research%20in%20Humanities%20and%20Social%20Sciences</a>
887	The design of a reconfigurable all-optical logic device based on cross-phase modulation in a highly nonlinear fiber	V Sharma, S Singh	ECE	Journal of Computational Electronics	191	2021	1569-8025 / 1572-8137	<a href="https://ml.clarivate.com/search-results?issn=1569-8025&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=1569-8025&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
888	Theoretical model of cascaded electro-optic intensity modulator-based 2.31-THz broad optical frequency comb generator	V Sharma, S Singh, L Bhatia	ECE	Optical Engineering	192	2021	0091-3286 / 1560-2303	<a href="https://ml.clarivate.com/search-results?issn=0091-3286&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0091-3286&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
889	Theoretical study of thermodynamic and thermoelectric properties of novel half-Heusler alloys AINiAs and AINiSb	Gupta, Yuhit; Sinha, M. M.; Verma, S. S.	Physics	MATERIALS TODAY COMMUNICATIONS	193	2021	2352-4928	Materials Today Communications   Journal   ScienceDirect.com by Elsevier
890	Tool wear, hole quality, power consumption and chip morphology analysis for drilling Ti-6Al-4V using LN2 and LCO2	Shah, P., Khanna, N., Singla, A. K., and Bansal, A.	Mechanical	Tribology International	194	2021	0301-679X	<a href="https://www.sciencedirect.com/journal/tribology-international/description">https://www.sciencedirect.com/journal/tribology-international/description</a> <a href="https://ml.clarivate.com/search-results?issn=0301-679X&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=0301-679X&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
891	Triple Band Notch Microstrip Patch Antenna with Fractal Defected Ground Structure	S Kakkur, S Rani, Amar Partap Singh Phurwaha	ECE	IETE Journal of Research	195	2021	0177-2063 / 0974-780X	<a href="https://ml.clarivate.com/search-results?issn=0177-2063&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?issn=0177-2063&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
892	Ultrasound assisted regioselective synthesis, photophysical and structural studies of 1-substituted indan-4 (5H)-ones and enantiodiastereomers of diene	RamPal Chaudhary, Poonam Gaatani, Deepika Gaatani, Ishu Mittal	Chemistry	Journal of Molecular Structure	196	2021	0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2020.129710">https://doi.org/10.1016/j.molstruc.2020.129710</a>
893	Unraveling the scientific perspectives of citrus by-products utilization: Progress towards circular economy	Divyani Panwar, Anuradha Saini, Parmjit S. Panesar, Harish K. Chopra	Chemistry	Trends in Food Science & Technology	197	2021	0924-2244	<a href="https://doi.org/10.1016/j.tifs.2021.03.018">https://doi.org/10.1016/j.tifs.2021.03.018</a>
894	Unraveling the scientific perspectives of citrus by-products utilization: Progress towards circular economy.	Divyani Panwar, Anuradha Saini, Parmjit S. Panesar and Harish K. Chopra	Food Engineering & Technology	Trends in Food Science & Technology,111, 549-562. <a href="https://doi.org/10.1016/j.tifs.2021.03.018">https://doi.org/10.1016/j.tifs.2021.03.018</a> . (IF- 16.002)	198	2021	0924-2244	<a href="https://agpcare.unipune.ac.in/Apps1/user/Web/CA/861at">https://agpcare.unipune.ac.in/Apps1/user/Web/CA/861at</a>
895	Use of Biomaterials for Adsorption of Heavy Metals from Wastewater – A Review	Kiranjeet Kaur and Gulshan Kumar Jawa	Chemical Engineering	AIP Conf. Proc	199	2021	1551-7616	<a href="https://www.scopus.com/urnid/detail.uri?authorid=23097716300">https://www.scopus.com/urnid/detail.uri?authorid=23097716300</a>
896	Valorization of unpoped Foxnut starch in stabilizing Pickering emulsion using QS-A modification	Siweta, Y Kumar, DC Saxena	Food Engineering & Technology	International Journal of Biological Macromolecules,197,157-166. <a href="https://doi.org/10.1016/j.ijbiomac.2021.09.148">https://doi.org/10.1016/j.ijbiomac.2021.09.148</a>	200	2021	0141-8130	<a href="https://agpcare.unipune.ac.in/Apps1/user/Web/CA/861at">https://agpcare.unipune.ac.in/Apps1/user/Web/CA/861at</a>
897	Vitamin D fortification: A perspective to improve immunity for COVID-19 infection	S Handu, S Jan, K Chauhan, DC Saxena	Food Engineering & Technology	Functional Food Science,1(10), 50-66. DOI: 10.31989/ff.v1i10.843	201	2021	2767-3146	<a href="https://agpcare.unipune.ac.in/Apps1/user/Web/CA/861at">https://agpcare.unipune.ac.in/Apps1/user/Web/CA/861at</a>
898	Zone based selection algorithm based on fuzzy logic for wireless sensor networks	Gurjinder Kaur, Anchal Garg	Department of Computer Science and Engineering	Journal of University of Shanghai for Science and Technology	202	2021	1007-6735	Home - Journal of University of Shanghai for Science and Technology (usst.edu)
899	Fabrication and mechanical characterization of glass fiber/AI2O3 hybrid-epoxy composite	Saini, P., Singh, P. K., Kumar, D. and Maurya, A.	Mechanical	Advances in Materials and Processing Technologies	203	2021	2374-0698	<a href="https://www.tandfonline.com/loc/imp20/current">https://www.tandfonline.com/loc/imp20/current</a> <a href="https://ml.clarivate.com/search-results?issn=2374-0698&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=2374-0698&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
900	Optimization of end milling parameters for rough and finish machining of Al-4032/3% SiC metal matrix composite	Singh, M., Singh, D. and Shahi, A.S.	Mechanical	Indian Journal of Science and Technology	204	2021	0974-5645	<a href="https://indjst.org/archives">https://indjst.org/archives</a> <a href="https://ml.clarivate.com/search-results?issn=0974-5645&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=0974-5645&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
901	Prediction of Lower and Higher Modes of Vibration for Kirchhoff's Plates Using Transcendental and Polynomial Functions via Semi-analytical Method	Jangid, M.K., Kumar, S. and Singh, J.	Mechanical	International Journal of Advanced Technology and Engineering Exploration	205	2021	2394-7454	<a href="https://accessjournals.org/journals-1.php?journalid=110">https://accessjournals.org/journals-1.php?journalid=110</a> <a href="https://www.scopus.com/urnid/21101023180">https://www.scopus.com/urnid/21101023180</a>
902	Study on piezoelectric ceramic under different pressurization conditions and circuitry	Saini, P., Singh, P. K., Kumar, D.	Mechanical	Journal of Advanced Manufacturing Systems	206	2021	1793-6896	<a href="https://www.worldscientific.com/worldscinet/jams">https://www.worldscientific.com/worldscinet/jams</a> <a href="https://ml.clarivate.com/search-results?issn=1793-6896&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=1793-6896&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
903	An amended grey wolf optimization with mutation strategy to diagnose bucket defects in Pelton wheel	Yadav, N. and Kumar, R.	Mechanical	Journal of Electroceramics	207	2021	1573-8663	<a href="https://www.springer.com/journal/10832">https://www.springer.com/journal/10832</a> <a href="https://ml.clarivate.com/search-results?issn=1573-8663&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=1573-8663&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
904	Comparative Capabilities of Conventional and Ultrasonic-Assisted Electrical Discharge Machining of Nimonic Alloy 75	Malhotra, D. & Shahi, A.S.	Mechanical	Journal of Materials Engineering and Performance	208	2021	1059-9495	<a href="https://www.springer.com/journal/11665">https://www.springer.com/journal/11665</a> <a href="https://ml.clarivate.com/search-results?issn=1059-9495&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=1059-9495&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
905	Effect of cryogenic treated tool electrode during electric discharge drilling (EDD) of Inconel 800	Rahi, A., Kandalwal, S.I., Singh, S. and Kumar, A.	Mechanical	Journal of Mechanics of Materials and Structures	209	2021	1559-3959	<a href="https://mp.org/journals/about/journal-research.html">https://mp.org/journals/about/journal-research.html</a> <a href="https://ml.clarivate.com/search-results?issn=1559-3959&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?issn=1559-3959&amp;hide_exact_match_ft=true&amp;utm_source=ml&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
906	An ameliorated African vulture optimization algorithm to diagnose the milling bearing defects	Singh, P. K. and Galati, V.	Mechanical	Sādhanā	210	2021	0973-7677	<a href="https://www.springer.com/journal/12046">https://www.springer.com/journal/12046</a> <a href="https://www.scopus.com/urnid/22831">https://www.scopus.com/urnid/22831</a>
907	Autocorrelation energy and aquila optimizer for MED filtering of sound signal to detect bearing defect in Francis turbine	Singh, P. K., Modarwal, R. P. and Kumar, D.	Mechanical	Sādhanā	211	2021	0973-7677	<a href="https://www.springer.com/journal/12046">https://www.springer.com/journal/12046</a> <a href="https://www.scopus.com/urnid/23532">https://www.scopus.com/urnid/23532</a>
908	"Amidst the Pandemic: A study of Katherine Anne Porter's Pale Horse Pale Rider"	JagPreet Kaur Bhangu	Management and Humanities	MEJO: The MELOW Journal of World Literature, Vol. 6, 80-89.	1	2022	2581-5768	<a href="https://melow.ijournal.html">https://melow.ijournal.html</a>
909	A class of accurate Newton-Jarratt-like methods with applications to nonlinear models	Janak Raj Sharma, Sunil Kumar	Mathematics	Computational and Applied Mathematics	2	2022	2238-3603	<a href="https://www.springer.com/journal/40334">https://www.springer.com/journal/40334</a>
910	A class of higher order Newton-like methods for systems of nonlinear equations	J.R. Sharma, S. Kumar, I.K. Argyros	Mathematics	International Journal of Computational Methods	3	2022	0219-8762	<a href="https://www.worldscientific.com/worldscinet/ijcm">https://www.worldscientific.com/worldscinet/ijcm</a>
911	A cubic B-spline quasi-interpolation algorithm to capture the pattern formation of coupled reaction-diffusion models	R. C. Mittal, Sushil Kumar and Ram Jiwari	Mathematics	Engineering with Computers	4	2022	0177-0667	<a href="https://www.springer.com/journal/366">https://www.springer.com/journal/366</a>
912	A generalized Wigner-Yanase skew information	Rupinderjit Kaur Dhanoa, Mohammad Sal Moselehia & Mandeep Singh	Mathematics	Linear and Multilinear Algebra	5	2022	0308-1087	<a href="https://www.tandfonline.com/action/authorForm?tab=author&amp;url=/ui/doi/10.1080/03081087.2021.2060521">https://www.tandfonline.com/action/authorForm?tab=author&amp;url=/ui/doi/10.1080/03081087.2021.2060521</a>
913	A Jamming Attack Detection Technique for Opportunistic Networks	Jagdeep Singh, E. Woungang, S. K. Dharandher, K. Khalid	Department of Computer Science and Engineering	Journal of Internet of Things	6	2022	2543-1536	<a href="https://www.sciencedirect.com/science/article/pii/S2469521001030">https://www.sciencedirect.com/science/article/pii/S2469521001030</a>
914	A new class of derivative-free root solvers with increasing optimal convergence order and their complex dynamics	J.R. Sharma, S. Kumar, H. Singh	Mathematics	SeMA	7	2022	2254-3902	<a href="https://www.springer.com/journal/40324">https://www.springer.com/journal/40324</a>
915	A new horizon for structural modifications and comprehensive applications of Colocasia esculenta (L.) Schott	Balbir Singh Kaith Anjali Singh and Dhiraj Sud	Chemistry	Materials Today -Proceedings	8	2022	1369-7021	<a href="https://doi.org/10.1016/j.matpr.2022.01.090">https://doi.org/10.1016/j.matpr.2022.01.090</a>
916	A Novel Approach of Ensemble Methods Using the Stacked Generalization for High-dimensional Datasets	Savita Rani Sharma, Birnrohan Singh, Manpreet Kaur	Department of Computer Science and Engineering	IETE Journal of Research	9	2022	0974-780X	<a href="https://www.tandfonline.com/journals/tit20">https://www.tandfonline.com/journals/tit20</a>

917	A Novel Approach of Ensemble Methods Using the Stacked Generalization for High-dimensional Datasets	Savita Rani BirnabasSingh, and Manpreet Kaur	Electrical & Instrumentation Engineering	IETE Journal of Research	10	2022	0377-2063	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
918	A novel equilibrium optimizer based on levy flight and iterative cosine operator for engineering optimization problems	Sachin Minocha, Birnabhan Singh	Department of Computer Science and Engineering	Expert Systems	11	2022	1468-0394	<a href="https://online.library.wiley.com/journal/14680394">https://online.library.wiley.com/journal/14680394</a>
919	A novel phishing detection system using binary modified equilibrium optimizer for feature selection	Sachin Minocha, Birnabhan Singh	Department of Computer Science and Engineering	Computers & Electrical Engineering	12	2022	0045-7906	<a href="https://www.sciencedirect.com/journal/computers-and-electrical-engineering">https://www.sciencedirect.com/journal/computers-and-electrical-engineering</a>
920	A Reduce Switch Count Symmetric T-type Multilevel Inverter with Single and Multiple Switch Open Circuit Fault Tolerant Capacitors	Vinay Kumar, Sanjeev Singh and Shalendra Kumar Jain	Electrical & Instrumentation Engineering	IETE Journal of Research	13	2022	0377-2063	Consortium for Academic and Research Ethics (caire.unipune.ac.in)
921	A review on advances in synthetic methodology and biological profile of spirothiazolidin-4-ones	Jyoti Yadav, RamPal Chaudhary	Chemistry	Journal of Heterocyclic chemistry	14	2022	0022-152X	<a href="https://doi.org/10.1002/jhet.4528">https://doi.org/10.1002/jhet.4528</a>
922	A review on template assisted synthesis of multi-functional metal oxide nanostructures: Status and prospects	A Kaur, B Bajaj, A Karshik, A Saini, D Sud	Chemistry	Materials Science and Engineering: B	15	2022	9215107	<a href="https://doi.org/10.1016/j.mseb.2022.116005">https://doi.org/10.1016/j.mseb.2022.116005</a>
923	A Unified Local-Semilocal Convergence Analysis of Efficient Higher Order Iterative Methods in Banach Spaces	J.R. Sharma, H. Singh, L.K. Argyros	Mathematics	Mathematics	16	2022	2227-7390	<a href="https://www.mdpi.com/journal/mathematics">https://www.mdpi.com/journal/mathematics</a>
924	A Workload and Machine Categorization-Based Resource Allocation Framework for Load Balancing and Balanced Resource Utilization in the Cloud	Major Singh, Avnish Thakur	Department of Computer Science and Engineering	International Journal of Grid and High Performance Computing (IJGHPC)	17	2022	1938-0259	<a href="https://www.ijghpc.com/journal/11565">International Journal of Grid and High Performance Computing (IJGHPC): 1938-0259, 1938-0267, Computer Science &amp; IT Journals, IJGH Global (ip.global.com)</a>
925	Ab-initio study of mechanical and thermoelectric properties of topological semimetal: LaAsPb	Goyal, Megha; Sinha, M. M.	Physics	PHYSICA SCRIPTA	18	2022	0031-8949	Physica Scripta - IOPscience
926	Amino acid composition, nutritional profiling, mineral content, and physicochemical properties of protein isolate from flaxseeds ( <i>Linum Usitatissimum</i> )	Mohit Sharma and Charanjiv Singh Saini	Food Engineering and Technology	Journal of Food Measurement and Characterization, 16:829-839. <a href="https://doi.org/10.1007/s11694-021-01221-0">https://doi.org/10.1007/s11694-021-01221-0</a>	19	2022	2193-4126	
927	An efficient feature selection method based on improved elephant herding optimization to classify high-dimensional biomedical data	Harpreet Singh, Birnabhan Singh, Manpreet Kaur	Department of Computer Science and Engineering	Expert Systems	20	2022	1468-0394	<a href="https://online.library.wiley.com/journal/14680394">https://online.library.wiley.com/journal/14680394</a>
928	An excellent derivative-free multiple-zeros finding numerical technique of optimal eighth order convergence	Janak Raj Sharma, Sunil Kumar	Mathematics	ANNALI DELL'UNIVERSITA' DI FERRARA	21	2022	0430-3202	<a href="https://www.springer.com/journal/11565">https://www.springer.com/journal/11565</a>
929	An improvised extrapolated collocation algorithm for solving Kuramoto-Sivashinsky equation	Shalhi & VK Kokeja	Mathematics	Mathematical Methods in the Applied Sciences - Wiley Online Library	22	2022	1099-1476	Mathematical Methods in the Applied Sciences - Wiley Online Library
930	An Innovation Diffusion Model In Partial Competitive and Cooperative Market: Analysis with Two Innovators	S. Chugh, R. K. Gaba and Joydip Dhar	Mathematics	Journal of Pure and Applied Mathematics	23	2022	2671-4000	<a href="https://www.springer.com/journal/13226">https://www.springer.com/journal/13226</a>
931	An Integrated Exploration on Internet of Things and Wireless Sensor Networks	Sharma, S., Vinod Kumar Verma	Department of Computer Science and Engineering	Wireless Personal Communication	24	2022	1572-834X	<a href="https://www.springer.com/journal/11272">https://www.springer.com/journal/11272</a>
932	An Optimized Routing Technique in Wireless Sensor Network Using Ants Algorithm	Janinder Pal Singh, Anuj Kumar Gupta	Department of Computer Science and Engineering	International Journal of Intelligent Engineering and Systems	25	2022	2185-3118	<a href="https://www.ijies.com/journal/11272">https://www.ijies.com/journal/11272</a>
933	Behaviour of Powers of Odd Ordered Special Circulant Magic Squares	Narnda Rani and Vinod Mishra	Mathematics	International Journal of Mathematical Education in Science and Technology	26	2022	1464-5211	<a href="https://www.tandfonline.com/action/journalInformation?journalCode=imtes20">https://www.tandfonline.com/action/journalInformation?journalCode=imtes20</a>
934	Bioactive phytoestrogens from <i>Azorella columbiana</i> (G. Forst.) Hook: RP-HPLC-DAD analysis, in vitro computational study and molecular docking against 3MNG and 13NU	Dhiraj Sud	Chemistry	Stem Cells	27	2022	0039-128X	<a href="https://doi.org/10.1016/j.stem.2022.109116">https://doi.org/10.1016/j.stem.2022.109116</a>
935	Bioactive phytoestrogens from <i>Azorella columbiana</i> (G. Forst.) Hook: RP-HPLC-DAD analysis, in vitro antioxidant potential, in silico computational study and molecular docking against 3MNG and 13NU	Poonam Kumari Patil * Dhiraj Sud	Chemistry	Steroids	28	2022	0039-128X	<a href="https://doi.org/10.1016/j.steroids.2022.109116">https://doi.org/10.1016/j.steroids.2022.109116</a>
936	Biopolymer vanhan gum templated facile synthesis of reusable cerium oxide nanoparticles as catalyst for reduction of nitroaromatic compounds	A Kaur, B Bajaj, D Sud	Chemistry	Journal of the Iranian Chemical Society	29	2022	71352428	<a href="https://doi.org/10.1007/s13738-022-02616-6">https://doi.org/10.1007/s13738-022-02616-6</a>
937	Boltz's Phenomenon for Some Univalent Harmonic Functions	Chinu Singla, Susham Gupta and Sukhji Singh Dhalwal	Mathematics	KYUNGPOOK Math. J.	30	2022	0454-8124	<a href="https://kmi.knu.ac.kr/about/aim_and_scope.php">https://kmi.knu.ac.kr/about/aim_and_scope.php</a>
938	Cavitation erosion behavior of high velocity oxy fuel (HVOF) sprayed (VC + CuNi-Cr) based novel coatings on SS316 steel	Singh, V., Singh, I, Bansal, A, Omer, A., Singla, A. K., & Goyal, D. K.	Mechanical	Surface and Coatings Technology	31	2022	0257-8972	<a href="https://www.sciencedirect.com/journal/surface-and-coatings-technology">https://www.sciencedirect.com/journal/surface-and-coatings-technology</a> <a href="https://ngl.clarivate.com/search-results?issn=0257-8972&amp;hide_exact_match_1=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=0257-8972&amp;hide_exact_match_1=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
939	Child Abuse: A Dark Journey With Reference to the Characters of Mitha and Sitanta in Duttani's 'Thirty Days in September'. (Communicated)	Monika Kapil Mahesh Arora	Management and Humanities	Literary Voice	32	2022	2277-4521	<a href="https://www.literaryvoice.in/janethics.php">https://www.literaryvoice.in/janethics.php</a>
940	Combined effect microwave and hydrothermal treatment on anti-nutritional factors, antioxidant potential and bioactive compounds of plum ( <i>Prunus domestica L.</i> ) kernels	Mohd Auqub Sheikh and Charanjiv Singh Saini	Food Engineering and Technology	Food Bioscience, 46, 101467. <a href="https://doi.org/10.1016/j.food.2021.101467">https://doi.org/10.1016/j.food.2021.101467</a>	33	2022	2212-4292	
941	Comparative analysis of efficiencies of various textures and geometric features in breast mass classification using k-nearest neighbor	Harmandeep Singh, Vipul Sharma, Dampreet Singh	Department of Computer Science and Engineering	Visual Computing for Industry, Biomedicine, and Art	34	2022	2524-4442	<a href="https://vciba.sciprintopen.com/">https://vciba.sciprintopen.com/</a>
942	Comparison of biomasses and study of acacia nilotica branches as an adsorbent material for phenol removal	Pushpa Jha	Chemical Engineering	International Journal of Environmental Impacts	35	2022	2398-2659	<a href="https://www.scribd.com/document/611111111/Comparison-Of-Biomasses-And-Study-Of-Acacia-Nilotica-Branches-As-An-Adsorbent-Material-For-Phenol-Removal">Comparison Of Biomasses And Study Of Acacia Nilotica Branches As An Adsorbent Material For Phenol Removal (scribd.com)</a>
943	Controlling the Properties of Starch from Rice Breakers by Crosslinking with Citric Acid and Sodium Trimetaphosphate	Y Kumar, S Singh, DC Saxena	Food Engineering & Technology	Starch-Statke, 74(9-10), 2200094. <a href="https://doi.org/10.1002/star.202200094">https://doi.org/10.1002/star.202200094</a>	36	2022	1521-379X	<a href="https://pubs.rsc.org/en/content/articlehtml/C6CE1521379X">https://pubs.rsc.org/en/content/articlehtml/C6CE1521379X</a>
944	Degradation and mineralization of metformin by electro-oxidation on Ti/DSSA (TiO2S-4:20S) anode and combined electro-oxidation and electro-coagulation on stainless steel (SS) anode	Mensa, V.K., and Ghatak H.R.	Chemical Engineering	Iranian journal of chemistry and chemical engineering	37	2022	10219986	<a href="https://www.scopus.com/authid/detail.uri?authorid=57203511916">https://www.scopus.com/authid/detail.uri?authorid=57203511916</a>
945	Degradation of Dimethate Pesticide in Soil: Impact of Soil Moisture and Enhanced Sunlight Intensity	Sanita Rani - Dhiraj Sud	Chemistry	Water Air Soil Pollution	38	2022	496979	<a href="https://link.springer.com/article/10.1007/s11270-021-06463-x">https://link.springer.com/article/10.1007/s11270-021-06463-x</a>



946	Design of an ultra-sensitive bimetallic anisotropic PCT SPR biosensor for liquid analytes sensing	AK Shakya, A Ramola, S Singh, V Van	ECE	Optics Express	39	2022	1094-4087	<a href="https://ml.clarivate.com/search-results?size=1094-4087&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?size=1094-4087&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
947	Design of biochemical biosensor based on transmission, absorbance and refractive index	AK Shakya, S Singh	ECE	Biosensors and Bioelectronics: X	40	2022	0956-5663 / 1873-4235	<a href="https://ml.clarivate.com/search-results?size=0956-5663&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?size=0956-5663&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
948	Design of novel Pentacore PCT SPR RI sensor based on fusion of IMD and EMD techniques for analysis of water and transformer oil	AK Shakya, S Singh	ECE	Measurement	41	2022	0263-2241 / 1873-412X	<a href="https://ml.clarivate.com/search-results?size=0263-2241&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?size=0263-2241 / 1873-412X</a>
949	Designing and Analysis of Ultrathin Metamaterial Absorber for W Band Biomedical Sensing Application	H Singh, A Gupta, RS Kaler, S Singh, AS Gill	ECE	IEEE Sensors Journal	42	2022	1530-437X / 1558-1748	<a href="https://ml.clarivate.com/search-results?size=1530-437X&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?size=1530-437X / 1558-1748</a>
950	Development of edible films from protein of brewer's spent grain: Effect of pH and protein concentration on physical, mechanical and barrier properties of films	Gireesh Kumar Shrivastava and Charanjiv Singh Saini	Food Engineering and Technology	Applied Food Research, 2, 100043. <a href="https://doi.org/10.1016/j.afres.2022.100043">https://doi.org/10.1016/j.afres.2022.100043</a>	43	2022	2772-5022	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
951	Development of frequency comb generation by spectral broadening of periodic optical pulses in semiconductor laser amplifiers	V Sharma, S Singh	ECE	Journal of Optics	44	2022	2040-8978 / 2040-8986	<a href="https://ml.clarivate.com/search-results?size=2040-8978&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?size=2040-8978&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
952	Dielectric behavior of soil as a function of frequency, temperature, moisture content and soil texture: a deep neural networks based regression model	P Palta, P Kaur, KS Mann	Physics	Journal of Microwave Power and Electromagnetic Energy	45	2022	0832-7823	Journal of Microwave Power and Electromagnetic Energy: Vol 56, No 3 (Current issue) ( <a href="https://www.tandfonline.com">tandfonline.com</a> )
953	Dielectric properties of eggshell powder at 2.45 and 5.8 GHz relevant to dielectric heating	P Pankaj, P Kaur, KS Mann	Physics	Journal of Microwave Power and Electromagnetic Energy	46	2022	0832-7823	Journal of Microwave Power and Electromagnetic Energy: Vol 56, No 3 (Current issue) ( <a href="https://www.tandfonline.com">tandfonline.com</a> )
954	Dielectric Properties of Soils Affected by Sewage Waste Pollution	P Palta, P Kaur, KS Mann	Physics	ECS Transactions	47	2022	1938-5862	ECS Transactions - IOPscience
955	Dielectric Properties of Soils of India at Radio and Microwave Frequencies: A Review	P Palta, P Pankaj, P Kaur, KS Mann	Physics	ECS Transactions	48	2022	1938-5862	ECS Transactions - IOPscience
956	Diogenes: An ingress towards solving puzzle for diabetes treatment	Arya, P. and Kumar, P.	Food Engineering and Technology	Journal of Food Biochemistry e14390. <a href="https://doi.org/10.1111/jfbc.14390">https://doi.org/10.1111/jfbc.14390</a>	49	2022	0145-8884	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
957	Dynamic Deep Genomics Sequence Encoder for Managed File Transfer	Anandjeep Kaur, Ajay Pal Singh Chauhan and Advait Kumar Agarwal	Electrical & Instrumentation Engineering	IETE Journal of Research	50	2022	0377-2063	Consortium for Academic and Research Ethics ( <a href="https://www.unipune.ac.in">unipune.ac.in</a> )
958	Effect of dephenolization and pH on functional properties, amino acid profile, and nutritional characteristics of protein isolate from Meghalayan cherry ( <i>Pisonia nepalensis</i> ) kernel.	Piyush Kashyap, Charanjiv Singh Riari, Navdeep Jindal	Food Engineering & Technology	Biomass Conversion and Biorefinery, 1-12 <a href="https://doi.org/10.1007/s13399-022-02740-6">https://doi.org/10.1007/s13399-022-02740-6</a>	51	2022	2190-6815	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
959	Effect of extraction methods and simulated in vitro gastrointestinal digestion on phenolic compound profile, bio-accessibility, and antioxidant activity of Meghalayan cherry ( <i>Pisonia nepalensis</i> ) pomace extracts.	Piyush Kashyap, Charanjiv Singh Riari, Navdeep Jindal	Food Engineering & Technology	LWT - Food Science and Technology 153, 112570. <a href="https://doi.org/10.1016/j.lwt.2021.112570">https://doi.org/10.1016/j.lwt.2021.112570</a>	52	2022	0023-6438.	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
960	Effect of extraction parameters on the isolation of fenugreek seed protein and characterization of fenugreek protein concentrate	Kumari, N, Wani, S.A. and Kumar, P.	Food Engineering and Technology	Quality Assurance and Safety of Crops and Foods 14(Sp2), 1-12 <a href="https://doi.org/10.15586/qas.v14sp1.1148">https://doi.org/10.15586/qas.v14sp1.1148</a>	53	2022	17578361	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
961	Effect of germination on fatty acid profile, amino acid profile and minerals of amaranth ( <i>Amaranthus spp.</i> ) grain	A Chauhan, N Kumari, DC Saxena, S Singh	Food Engineering & Technology	Journal of Food Measurement and Characterization, 16(3), 1777-1786. <a href="https://doi.org/10.1007/s11694-022-01292-7">https://doi.org/10.1007/s11694-022-01292-7</a>	54	2022		<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
962	Effect of machining parameters for surface finish and material removal rate of Al-4032/SiC composite during end milling using TiGrA and ANN	Kumar, S., & Gupta, P	Mechanical	Journal of Advanced Manufacturing Systems	55	2022	1793-6896	<a href="https://www.worldscientific.com/worldscinet/jams">https://www.worldscientific.com/worldscinet/jams</a> <a href="https://ml.clarivate.com/search-results?size=1793-6896&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ml.clarivate.com/search-results?size=1793-6896&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
963	Effect of Malting and Roasting on Chickpea Protein Fractions and Protein Quality	Kaur, Ravneet and Kamlesh Prasad	Food Engineering and Technology	International Journal of Food Science and Technology, 1-11. <a href="https://doi.org/10.1111/ijfs.15799">https://doi.org/10.1111/ijfs.15799</a>	56	2022	13652621	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
964	Effect of pressure on dynamical stability, electronic and thermoelectric properties of equiatomic quaternary Heusler alloy 1LaCoTiGe	Gupta, Yuhit, Sinha, M. M., Verma, S. S.	Physics	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	57	2022	1369-8001	Materials Science in Semiconductor Processing   Journal   ScienceDirect.com by Elsevier
965	Effect of spin-orbit coupling on antiperovskites: SrBO (B = Pb, Sn)	Kaur, Ravneet, Sinha, M. M.	Physics	PHYSICA SCRIPTA	58	2022	0031-8949	Physica Scripta - IOPscience
966	Effect of spin-polarization on structural, electronic, and lattice dynamical properties of MgYGe Full Heusler alloy	Gupta, Yuhit, Sinha, M. M., Verma, S. S.	Physics	PHYSICA B-CONDENSED MATTER	59	2022	0921-4526	Physica B: Condensed Matter   Journal   ScienceDirect.com by Elsevier
967	Effect of Temperature and Pressure on Stability of Metallocene catalyst with Methylalumoxane	Subita Bhagat and Nikhil Prakash	Chemical Engineering	YMER	60	2022	440477	<a href="https://www.scopus.com/authid/detail.url?authid=57193803616">https://www.scopus.com/authid/detail.url?authid=57193803616</a>
968	Electrochemical-assisted oxidation of Lanthanide at Ti-DSA (Ti2O5-Sr2O5) and stainless steel anodes	Meena, V.K., and Ghatak H.R.	Chemical Engineering	Journal of Electrochemical Science and Technology	61	2022	0019-4522	<a href="https://www.scopus.com/authid/detail.url?authid=57303511916">https://www.scopus.com/authid/detail.url?authid=57303511916</a>
969	Electrochemical and photocatalytic degradation of methylene blue by using CdO/AgNWs nanocomposite synthesized by electroplating on stainless steel	Singh, Jagdeep; Dhaliwal, A. S.	Physics	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	62	2022	0022-3697	Journal of Physics and Chemistry of Solids   ScienceDirect.com by Elsevier
970	Electrochemical Mineralization Kinetics of Metformin	Meena, V.K., and Ghatak H.R.	Chemical Engineering	Asian Journal of Chemistry	63	2022	1861-4728	<a href="https://www.scopus.com/authid/detail.url?authid=57203511916">https://www.scopus.com/authid/detail.url?authid=57203511916</a>
971	Elucidation of chickpea hydration, effect of soaking temperature and extent of germination on characteristics of milled flour	Kaur, Ravneet and Kamlesh Prasad	Food Engineering and Technology	Journal of Food Science, 87: 2197-2210. <a href="https://doi.org/10.1111/1750-3841.16147">https://doi.org/10.1111/1750-3841.16147</a>	64	2022	221147	<a href="https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List">https://ugcare.unipune.ac.in/Apps1/User/Web/CA/86List</a>
972	Encapsulated bee propolis powder: Drying process optimization and physicochemical characterization	Kirby Pant, Mantha Thakur, H.K. Chopra, Vikas Nanda	Chemistry	LWT	65	2022	0023-6438	<a href="https://doi.org/10.1016/j.lwt.2021.112956">https://doi.org/10.1016/j.lwt.2021.112956</a>
973	Energy-Aware Cluster Head Selection and Multipath Routing Using Whale-based Tunicate Swarm Algorithm (WTA) for Wireless Sensor Network	Jatinder Pal Singh, Anuj Kumar Gupta	Department of Computer Science and Engineering,	New Review of Information Networking	66	2022	1361-4576	<a href="https://www.tandfonline.com/journals/rinn20">https://www.tandfonline.com/journals/rinn20</a>
974	Enhancing the storage stability of Pickering emulsion using esterified buckwheat starch with improved structure and morphology	Y Bist, Y Kumar, DC Saxena	Food Engineering & Technology	LWT-FST.161, 113329. <a href="https://doi.org/10.1016/j.lwt.2022.113329">https://doi.org/10.1016/j.lwt.2022.113329</a>	67	2022	0023-6438	
975	Environmentally sound short-term hydrothermal generation scheduling using intensified water cycle approach	Ashok Kumar and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied Soft Computing	68	2022	1568-4946	Consortium for Academic and Research Ethics ( <a href="https://www.unipune.ac.in">unipune.ac.in</a> )
976	Error bounds for adaptive Hermite interpolation and its implementation to study modified Burgers' equation	A Kumari & VK Kulkarni	Mathematics	Numerical Algorithms	69	2022	1572-9265	Numerical Algorithms   Home   Springer.com
977	Error Mitigation of Grover's Quantum Search Algorithm	Tarun Kumar, Dilip Kumar, and Gurmohan Singh	ECE	Indian Journal of Pure & Applied Physics (IPAP)	70	2022	0019-5596 / 0975-1041	<a href="https://ml.clarivate.com/search-results?size=0019-5596&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://ml.clarivate.com/search-results?size=0019-5596&amp;hide_exact_match_filter&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
978	Evolved gases and unified kinetic model for low-temperature thermal decomposition of rice straw hydrolysis residue for possible value addition	Ghatak H.R	Chemical Engineering	Periodica Polytechnica Chemical Engineering.	71	2022	3245853	<a href="https://www.scopus.com/authid/detail.url?authid=57303511916">https://www.scopus.com/authid/detail.url?authid=57303511916</a>

979	Experimental and theoretical studies on prototropic tautomerism of 1-teralene-2-carbothioamides and synthesis of regioselectively designed fused 2H-imidazole derivative	Jyoti Yadav, RanPal Chaudhary	Chemistry	Journal of Molecular structure	72	2022	0022-2860	<a href="https://doi.org/10.1016/j.molstruc.2022.133976">https://doi.org/10.1016/j.molstruc.2022.133976</a>
980	Exploiting the Performance of Marine Predators Optimization Algorithm in Combination with Neural Network Classifiers for Breast Mass Classification	Harminder Singh, Vipul Sharma, Damanpreet Singh	Department of Computer Science and Engineering	International Journal of Intelligent Engineering and Systems	73	2022	2185-3118	<a href="https://inass.org/publications/">https://inass.org/publications/</a>
981	Exploitation of microwaves for biorefining of phenolic antioxidants from Citrus reticulata peels: Spectrophotometric and spectroscopic analyses	S Kaur, PS Panesar, HK Chopra	Chemistry	Journal of Food Processing and Preservation	74	2022	1745-4549	<a href="https://doi.org/10.1111/jfpp.16395">https://doi.org/10.1111/jfpp.16395</a>
982	Exploitation of microwaves for biorefining of phenolic antioxidants from Citrus reticulata peels: spectrophotometric and spectroscopic analysis.	Samandeep Kaur, Parmjit S. Panesar* and Harish K. Chopra	Food Engineering & Technology	Journal of Food Processing and Preservation (2022). <a href="https://doi.org/10.1111/jfpp.16395">https://doi.org/10.1111/jfpp.16395</a> (IF= 2.609)	75	2022	1745-4549	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
983	Extraction and evaluation of structural and physicochemical properties of dietary fiber concentrate from mango peels by using green approach	Brahmet Kaur, Parmjit Singh Panesar Avinash Thakur	Chemical Engineering	Biomass Conversion and Biorefinery	76	2022	2190-6823	<a href="https://www.sciencedirect.com/journal/elsevier/issue/S0960850622001176">https://www.sciencedirect.com/journal/elsevier/issue/S0960850622001176</a>
984	Factors affecting the skills and overall career development: An empirical analysis among the employees of banking sector	Sanjeew Bansal, Manuja Garg	Management and Humanities	International Journal of Business Excellence	77	2022	1756-0047	SCOPUS <a href="https://www.scilit.net/journal/981975">https://www.scilit.net/journal/981975</a>
985	Fake News Classification Based on Content Level Features	Lai, Chun-Ming, Mei-Hua Chen, Endah Kristiani, Vinod Kumar Verma	Department of Computer Science and Engineering,	Applied Sciences	78	2022	2076-3417	<a href="https://www.mdpi.com/journal/applsci">https://www.mdpi.com/journal/applsci</a>
986	Feature wise normalization: An effective way of normalizing data	Dalwinder Singh, Birmohan Singh	Department of Computer Science and Engineering	Pattern Recognition	79	2022	0031-3203	<a href="https://www.sciencedirect.com/journal/pattern-recognition">https://www.sciencedirect.com/journal/pattern-recognition</a>
987	Flexible Graphene Sheet loaded Curved Patch Applicator for Superficial Hyperthermia Treatment Planning Utilizing Ripple Effect of Archaic and Zigzag bending	Alka Singla, Anupma Marwaha, Sanjay Marwaha and Suresha Garg	Electrical & Instrumentation Engineering	Current Nanoscience Journal	80	2022	1573-4137	Consortium for Academic and Research Ethics (unipune.ac.in)
988	Fluorescence measurements of Schiff base ligands	Hemant Kumar	Chemistry	National Conference on trends in Science, Engineering and Management	81	2022	978-93-5258-841-1	
989	Food Physics inside: the structural design of food.	Mahajan, P., Manab Bandhu Bera and Prasad, K.	Food Engineering & Technology	J Food Sci & Tech. <a href="https://doi.org/10.1007/s13197-022-05400-9">https://doi.org/10.1007/s13197-022-05400-9</a>	82	2022	0022-1155	
990	Food physics insight: the structural design of foods	Mahajan, Palak, Manab Bandhu Bera and Kamlesh Prasad	Food Engineering and Technology	J Food Sci Technology, 2022. <a href="https://doi.org/10.1007/s13197-022-05400-9">https://doi.org/10.1007/s13197-022-05400-9</a>	83	2022	221155	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
991	Functional, thermal and structural properties of fractionated protein from waste banana peel	S Deb, Y. Kumar, DC Saxena	Food Engineering & Technology	Food Chemistry, X13 (2022). <a href="https://doi.org/10.1016/j.foodchem.2022.100205">https://doi.org/10.1016/j.foodchem.2022.100205</a>	84	2022	2590-1575	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
992	Grayscale and Colored Image Encryption Model using a Novel Fused Magic Cube	Narnda Rani, Savita Rani Sharma and Vinod Mishra	Mathematics	Nonlinear Dynamics	85	2022	0924-690X	<a href="https://www.springer.com/journal/11071">https://www.springer.com/journal/11071</a>
993	Green extraction of pectin from Citrus limetta peels using organic acid and its characterization	Divyani Panwar, Parmjit S. Panesar*, Harish K. Chopra	Chemistry	Biomass Conversion and Biorefinery	86	2022	2190-6815	<a href="https://doi.org/10.1007/s13399-021-02127-z">https://doi.org/10.1007/s13399-021-02127-z</a>
994	Green extraction of pectin from Citrus limetta peels using organic acids and its characterization.	Divyani Panwar, Parmjit S. Panesar*, Harish K. Chopra	Food Engineering & Technology	Biomass Conversion and Biorefinery (10). <a href="https://doi.org/10.1007/s13399-021-02127-z">https://doi.org/10.1007/s13399-021-02127-z</a> (IF= 4.050)	87	2022	2190-6823	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
995	Impact of jet-production data on the next-to-next-to-leading-order determination of HERAPDF2.0 parton distributions			EUROPEAN PHYSICAL JOURNAL, C	88	2022	1434-6044	The European Physical Journal C   Home (springer.com)
996	Impact of Training and Development Programmes on skills and Overall Career Development of Bank Employees: The Case of Punjab (India)	Sanjeew Bansal, Manuja Garg	Management and Humanities	Int. J. of Services and Operations Management	89	2022	1744-2370	SCOPUS <a href="https://www.indscience.com/info/ingeneral/forthcoming.php?code=ijso">https://www.indscience.com/info/ingeneral/forthcoming.php?code=ijso</a>
997	Improvement in properties of edible film through non-thermal treatments and nanocomposite materials: A review.	Dipak Das, Parmjit S. Panesar*, Charanjiv S. Saini and John F. Kennedy	Food Engineering & Technology	Food Packaging and Shelf Life, 100843. <a href="https://doi.org/10.1016/j.foodpack.2022.100843">https://doi.org/10.1016/j.foodpack.2022.100843</a> (IF= 8.749)	90	2022	2214-2894	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
998	Improvements in properties of edible film through non-thermal treatments and nanocomposite materials: A review.	Dipak Das, Parmjit S. Panesar, Charanjiv Singh Saini and John F. Kennedy	Food Engineering and Technology	Food Packaging and Shelf Life, 32, 100843. <a href="https://doi.org/10.1016/j.foodpack.2022.100843">https://doi.org/10.1016/j.foodpack.2022.100843</a>	91	2022	2214-2894	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
999	Investigation on Behavior of Deceleration Parameter with LRS Bianchi Type I Cosmological Models	R.K. Mishra and Heema Dua	Mathematics	Indian Journal of Physics	92	2022	0973-1458	<a href="https://www.springer.com/journal/12048">https://www.springer.com/journal/12048</a>
1000	Isolation, characterization, bio-accessibility and cytotoxic effect of ellagitannins purified from peels of Punica granatum Indian var. Bhargava	R. Foujdar, HK Chopra, MB Bera, K Batra	Chemistry	Journal of Food Measurement and Characterization	93	2022	2193-4126	<a href="https://doi.org/10.1007/s11694-021-01272-3">https://doi.org/10.1007/s11694-021-01272-3</a>
1001	Isolation, characterization, bio-accessibility, and cytotoxic effect of ellagitannins purified from peels of Punica granatum Indian var. Bhargava	Rinpi Foujdar, Harish Kumar Chopra, Manab Bandhu Bera, Kanishk Batra.	Food Engineering & Technology	Journal of Food Measurement and Characterization <a href="https://doi.org/10.1007/s11694-021-01272-3">https://doi.org/10.1007/s11694-021-01272-3</a>	94	2022	21934126	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
1002	Mathematical Modeling and Characterization of Starch Nanocrystals Synthesized from Pearl Millet Varieties with Different Amylose Content	M Bhandari, KS Sandhu, DC Saxena	Food Engineering & Technology	Starch-Stärke, 74(9-10), 2200058. <a href="https://doi.org/10.1002/star.202200058">https://doi.org/10.1002/star.202200058</a>	95	2022	1521-379X	
1003	Mathematical modelling and simulation of fluidized bed gasifier: Application to Indian coal	Anil Rai, Bikash Mohanty, Shradha Agarwal,	Chemical Engineering	Iranian Journal of Chemistry and Chemical Engineering	96	2022	10219986	<a href="https://www.sciencedirect.com/journal/elsevier/issue/S0254736022001560">https://www.sciencedirect.com/journal/elsevier/issue/S0254736022001560</a>
1004	MCM-41 supported S-alkylaryl-substituted 2-mercaptobenzoimidazolium-based ionic liquids: synthesis, characterization, and application in the fuel desulfurization	Pawanpreet Kaur, Harish Kumar Chopra	Chemistry	Fuel Processing Technology	97	2022	0378-3820	<a href="https://doi.org/10.1016/j.fuel.2022.126009">https://doi.org/10.1016/j.fuel.2022.126009</a>
1005	Measurement of micro-harmonic vibration frequency from the modulated self-excited interferometric signal using dynamic time warping method	Vibhor Kumar Bhardwaj and Surita Maini	Electrical & Instrumentation Engineering	Mechanical Systems and Signal Processing	98	2022	0888-3270	Consortium for Academic and Research Ethics (unipune.ac.in)
1006	Memetic binary differential evolution to solve wind-thermal profit based unit commitment problem	Jatinder Singh Dhalwal and J.S. Dhillon	Electrical & Instrumentation Engineering	Applied Soft Computing	99	2022	1568-4946	Consortium for Academic and Research Ethics (unipune.ac.in)
1007	Microencapsulation of fenugreek seed oil and soil load effect on mulchstraw and fenugreek seed mulchlage as well materials by spray drying	Manishi, M., and Kumar, P.	Food Engineering and Technology	Journal of Food Processing and Preservation 16(2), e16294. <a href="https://doi.org/10.1111/jfpp.16294">https://doi.org/10.1111/jfpp.16294</a>	100	2022	0145-8892	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList">https://ugccare.unipune.ac.in/Apps1/User/WebA/CA/REList</a>
1008	MOEES-Multi Objective Energy Efficient Clustering Scheme for Wireless Sensor Networks	Anandeep Kumar, Balwinder Singh Dhalwal, Damanpreet Singh	Department of Computer Science and Engineering	International Journal of Intelligent Engineering and Systems	101	2022	2185-3118	<a href="https://inass.org/publications/">https://inass.org/publications/</a>
1009	Neural style transfer for image steganography and desynchronization with supervised image to image translation	Malika, Jagpal Singh Ubbi and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Multimedia Tools and Applications	102	2022	1380-7501	Consortium for Academic and Research Ethics (unipune.ac.in)
1010	Neural Style Transfer for image within images and conditional GANs for desynchronization	Malika, Jagpal Singh Ubbi and Ashwani Kumar Aggarwal	Electrical & Instrumentation Engineering	Journal of Visual Communication and Image Representation	103	2022	1047-3203	Consortium for Academic and Research Ethics (unipune.ac.in)
1011	Numerical studies on fire development inside the corridor*	Deepak Sahu, Anchal Bahman, Bhisam Kumar Dhanurkar, Anil Rai, Ravikant R. Gupta	Chemical Engineering	International Journal of System Assurance Engineering and Management	104	2022	0976-4348, 0975-6809.	<a href="https://link.springer.com/article/10.1007/s13198-022-01712-3">https://link.springer.com/article/10.1007/s13198-022-01712-3</a>
1012	Numerical treatment of Benjamin-Bona-Mahony-Burgers equation with fourth-order improved B-spline collocation method	Shalhu & VK Kulkarni	Mathematics	Journal of Ocean Engineering & Science	105	2022	2219-5688	Journal of Ocean Engineering and Science - Journal - Elsevier
1013	On the use of flyash-lime-gypsum (FaLg) bricks in the storage facilities for low level nuclear waste	Sidhu, Baltej Singh; Dhalwal, A. S.; Kahlon, K. S.; Singh, Subhraj	Physics	NUCLEAR ENGINEERING AND TECHNOLOGY	106	2022	1738-5733	Nuclear Engineering and Technology - Journal - Elsevier
1014	On the use of flyash-lime-gypsum (FaLg) bricks in the storage facilities for low level nuclear waste	Sidhu, Baltej Singh; Dhalwal, A. S.; Kahlon, K. S.; Singh, Subhraj	Physics	NUCLEAR ENGINEERING AND TECHNOLOGY	107	2022	1738-5733	Nuclear Engineering and Technology - Journal - Elsevier



1055	Synergistic effect of microwave heating and hydrothermal treatment on cyanogenic glycosides and bioactive compounds of plum ( <i>Prunus domestica</i> L.) kernels: An analytical approach	Mohd Aqub Sheikh, Charanjiv Singh Saini and Harish Kumar Sharma	Food Engineering and Technology	Current Research in Food Science, 5: 65-72. <a href="https://doi.org/10.1007/s11694-021-01221-0">https://doi.org/10.1007/s11694-021-01221-0</a>	148	2022	2665-9271	
1056	Synthesis and Characterization of Copper (II) Schiff Base Metal Complex for Environmental Remediation	Hemant Kumar	Chemistry	proceedings of the conference: 2 nd International Conference on Chemical, Bio, Kump; Environmental Engineering	149	2022	978-3-030-96554-9	
1057	Synthesis and characterization of double helical dimuclear Zn-salen complex and its application in the detection of nitroaromatics,	Isha Jain and Payal Malik	Chemistry	New. J. Chem	150	2022	1144-0546	<a href="https://doi.org/10.1039/D2NJ02369A">10.1039/D2NJ02369A</a>
1058	Synthesis of biopolymer Chitosan based hydrogels with and without crosslinker for removal of industrial dye Procion Blue HERD. A comparative study	Navneet Kaur, Madhvi, Kamlesh Kumari and Dhairaj Sud	Chemistry	Indian Chemical Engineer	151	2022	0019-4506	<a href="https://doi.org/10.11801/10194506.2022.2036502">https://doi.org/10.11801/10194506.2022.2036502</a>
1059	Synthesis of Biopolymer Chitosan-based Hydrogels with and without Crosslinker for Removal of Industrial Dye Procion Blue HERD. A comparative Study	Bhullar N, Garg M, Kumari K, Sud D	Chemical Engineering	Indian Chemical Engineer	152	2022	0975-007X	<a href="https://www.scopus.com/journalDetail.url?handleId=57108192454">https://www.scopus.com/journalDetail.url?handleId=57108192454</a>
1060	Synthesis, prototropic tautomerism studies of indencarbohydrazides and their conversion to biologically active indenothiazole derivatives	Jasneet Rana, RanPal Chaudhary	Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	153	2022	1386-1425	<a href="https://doi.org/10.1016/j.saa.2022.121194">https://doi.org/10.1016/j.saa.2022.121194</a>
1061	Theoretical study on plasmonic applications of Gallium alloy (GaX, X = Ag, Al, Hg and In) nanoparticles and nanoshells	Bhardwaj, Akanksha; Verma, S. S.	Physics	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	154	2022	0022-4073	Journal of Quantitative Spectroscopy and Radiative Transfer   ScienceDirect.com by Elsevier
1062	Thermally induced phase transformation and structural modifications of E-beam evaporated zirconia thin films	Kumar, Ankit; Kumar, Pravin; Dhaliwal, A. S.	Physics	PHASE TRANSITIONS	155	2022	1029-0338	Phase Transitions: Vol 95, No 11 (Current issue) (andonline.com)
1063	Thionyl Chloride Facilitated Polymerization of Xanthan Gum Grafted Copolymers for Wastewater Remediation by Exclusion of Synthetic Dyes	Arshpreet Kaur, and Dhairaj Sud	Chemistry	Journal of Polymers and the Environment	156	2022	1566-2543	<a href="https://doi.org/10.1007/s10924-022-02572-5">https://doi.org/10.1007/s10924-022-02572-5</a>
1064	Tracking the concentration of Al <sup>3+</sup> in the aqueous system upto nanomolar range using modified biopolymer chitosan-based fluorophore	Madhvi Garg and Dhairaj Sud	Chemistry	New J. of chemistry	157	2022	1144-0546	<a href="https://doi.org/10.1029-D2N00824C">https://doi.org/10.1029-D2N00824C</a>
1065	Visible light responsive S-Doped TiO <sub>2</sub> nanoparticles synthesis, characterization, and photocatalytic degradation of pollutants	Nidhi Sharothi, Shivani Gupta & Dhairaj Sud	Chemistry	Nanotechnology for Environmental Engineering	158	2022	23656387	<a href="https://doi.org/10.1007/s12044-022-00228-2">https://doi.org/10.1007/s12044-022-00228-2</a>
1066	Influence of Magnets on Arc Shape and Bead Geometry in Gas Tungsten Arc Welding	Vashishtha, G., Chauhani, S., Yadav, N., Kumar, A. and Kumar, R.	Mechanical	Engineering Research Express	159	2022	2631-8695	<a href="https://iopscience.iop.org/journal/2631-8695">https://iopscience.iop.org/journal/2631-8695</a> <a href="https://ngl.clarivate.com/search-results?issn=2631-8695&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=2631-8695&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1067	Waste to wealth: Recycling of steel slag as flux for submerged arc welding process and its effect on mechanical and metallurgical properties of welds	Vashishtha, G. and Kumar, R.	Mechanical	Engineering Research Express	160	2022	2631-8695	<a href="https://iopscience.iop.org/journal/2631-8695">https://iopscience.iop.org/journal/2631-8695</a> <a href="https://ngl.clarivate.com/search-results?issn=2631-8695&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=2631-8695&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1068	Microstructure and corrosion behavior of duplex stainless steel electron beam welded joint	Saini, S. and Singh, K.	Mechanical	IOP Conference Series: Materials Science and Engineering	161	2022	1757-899X	<a href="https://iopscience.iop.org/journal/1757-899X">https://iopscience.iop.org/journal/1757-899X</a> <a href="https://www.scopus.com/sourceid/19700208831">https://www.scopus.com/sourceid/19700208831</a>
1069	Effect of machining parameters for surface finish and material removal rate of Al-4032SiC composite during end milling using TGRA and ANN	Singh, M. and Singh, S.	Mechanical	Journal of Materials Engineering and Performance	162	2022	1059-9495	<a href="https://www.springer.com/journal/11665">https://www.springer.com/journal/11665</a> <a href="https://ngl.clarivate.com/search-results?issn=1059-9495&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=1059-9495&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1070	Trajectory tracking optimization and control of a three link robotic manipulator for application in casting	J Singh, J & Shabi, A.S.	Mechanical	Journal of Materials Science	163	2022	1573-4803	<a href="https://www.springer.com/journal/10853">https://www.springer.com/journal/10853</a> <a href="https://ngl.clarivate.com/search-results?issn=0022-2461&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=0022-2461&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1071	Experimental studies on effect of post weld heat treatments on the pitting corrosion and impact toughness of GTA welded martensitic stainless steel joints	Vashishtha, G. and Kumar, R.	Mechanical	Journal of Vibration Engineering & Technologies	164	2022	2523-3939	<a href="https://www.springer.com/journal/42417">https://www.springer.com/journal/42417</a> <a href="https://ngl.clarivate.com/search-results?issn=2523-3939&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=2523-3939&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1072	Experimental investigation and optimization weld bead shape factor and form factor using recycled steel slag as a flux in submerged arc welding	Malhotra, D. & Shabi, A.S.	Mechanical	Materials and Corrosion	165	2022	1521-4176	<a href="https://onlinelibrary.wiley.com/journal/15214176">https://onlinelibrary.wiley.com/journal/15214176</a> <a href="https://www.scopus.com/sourceid/35688">https://www.scopus.com/sourceid/35688</a>
1073	Prediction of Lower and Higher Modes of Vibration for Kirchhoff's Plates Using Transcendental and Polynomial Functions via Semi-analytical Method	Shakya, P., Singh, K. and Arya, H.K.	Mechanical	Materials and Manufacturing Processes	166	2022	1532-2475	<a href="https://www.tandfonline.com/loi/tnmp20">https://www.tandfonline.com/loi/tnmp20</a> <a href="https://ngl.clarivate.com/search-results?issn=1042-6914&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=1042-6914&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1074	Adhesive and Viscoelastic Response of MWCNT/ZnO Hybrid Epoxy Nanocomposites	Singh, K.P. and Singh, S.	Mechanical	Materials Today: Proceedings	167	2022	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a> <a href="https://www.scopus.com/sourceid/21100370037">https://www.scopus.com/sourceid/21100370037</a>
1075	Understanding the role of Ti addition on the corrosion and passive film characteristics of Nb stabilized AISI 347 weld	Vashishtha, G. and Kumar, R.	Mechanical	Measurement	168	2022	0263-2241	<a href="https://www.sciencedirect.com/journal/measurement#description">https://www.sciencedirect.com/journal/measurement#description</a> <a href="https://ngl.clarivate.com/search-results?issn=0263-2241&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=0263-2241&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1076	Tool wear, hole quality, power consumption and chip morphology analysis for drilling Ti6Al4V using LN2 and LCO2	Vashishtha, G., Chauhani, S., Kumar, A. and Kumar, R.	Mechanical	Measurement Science and Technology	169	2022	0957-0233	<a href="https://iopscience.iop.org/journal/0957-0233">https://iopscience.iop.org/journal/0957-0233</a> <a href="https://ngl.clarivate.com/search-results?issn=0957-0233&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=0957-0233&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1077	Centrifugal pump impeller defect identification by the improved adaptive variational mode decomposition through vibration signals,	Vashishtha, G. and Kumar, R.	Mechanical	Measurement Science and Technology	170	2022	0957-0233	<a href="https://iopscience.iop.org/journal/0957-0234">https://iopscience.iop.org/journal/0957-0234</a> <a href="https://ngl.clarivate.com/search-results?issn=0957-0233&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=0957-0233&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1078	Pelton wheel bucket fault diagnosis using improved Shannon entropy and expectation maximization principal component analysis	Verma, A.S. and Singh, S.	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	171	2022	2041-2983	<a href="https://journals.sagepub.com/home/pic">https://journals.sagepub.com/home/pic</a> <a href="https://www.scopus.com/sourceid/20407">https://www.scopus.com/sourceid/20407</a>
1079	Adaptive MOMEDA model based variational mode decomposition for Pelton wheel fault detection	Saini, S. and Singh, K.	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	172	2022	2041-2983	<a href="https://journals.sagepub.com/home/pic">https://journals.sagepub.com/home/pic</a> <a href="https://www.scopus.com/sourceid/20407">https://www.scopus.com/sourceid/20407</a>
1080	Cavitation erosion behavior of high velocity oxy fuel (HVOF) sprayed (v-cuni-er) based novel coatings on ss316 steel	Singh, V., Singh, L, Bansal, A., Omer, A., Singla, A. K., & Goyal, D. K.	Mechanical	Surface and Coatings Technology	173	2022	0257-8972	<a href="https://www.sciencedirect.com/journal/surface-and-coatings-technology">https://www.sciencedirect.com/journal/surface-and-coatings-technology</a> <a href="https://ngl.clarivate.com/search-results?issn=0257-8972&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://ngl.clarivate.com/search-results?issn=0257-8972&amp;hide_exact_match_0=true&amp;utm_source=ngl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
1081	Metallurgical Behavior and Corrosion Performance of Ti+ Nb Stabilized Austenitic Stainless Steel Welds	Sandeep Yadav, Sunil Kumar, Manoj Goyal,	Mechanical	International Review of Mechanical Engineering (IREME), Vol 16, No 5	174	2022	2532-5655	<a href="https://www.praiseworthyprize.org/journalarticle">https://www.praiseworthyprize.org/journalarticle</a> <a href="https://www.scopus.com/sourceid/19500156811">https://www.scopus.com/sourceid/19500156811</a>