



MUTHAYAMMAL ENGINEERING COLLEGE

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Rasipuram - 637 408, Namakkal Dist., Tamil Nadu



3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
1	Computer Aided Diagnostic System for Automatic Cervical Disc Herniation Classification	Preetha, J., Selvarajan, S.	Journal of Medical Imaging and Health Informatics	2016	Scopus/Web of Science	https://doi.org/10.1166/jmihi.2016.1855	<p>Source details for Journal of Medical Imaging and Health Informatics. Scopus coverage years: from 2011 to 2018 (coverage discontinued in Scopus). Publisher: American Scientific Publishers. ISSN: 2156-7018 E-ISSN: 2156-7026. Subject area: Medicine Radiology, Nuclear Medicine and Imaging. Source type: Journal. Metrics: CiteScore 2016: 0.9, SJR 2019: 0.189, SNIP 2020: 0.534.</p>
2	A Low Power Recoding Methodology for the Design of a MAC Unit Using Fused Architecture	Krishnamoorthy, R., Sujetha, B., Saravanan, S., Haridevi, P.	Pakistan Journal of Biotechnology	2016	Scopus	https://pjbt.org/index.php/pjbt/article/view/278/274	<p>Source details for Pakistan Journal of Biotechnology. Scopus coverage years: from 2008 to 2017 (coverage discontinued in Scopus). Publisher: University of Sindh. ISSN: 1812-1837. Subject area: Biochemistry, Genetics and Molecular Biology, Biotechnology. Source type: Journal. Metrics: CiteScore 2016: 0.3, SJR 2019: 0.108, SNIP 2020: 0.294.</p>



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3	A New Semi and Full Carry Save VLSI Architecture for Modular Multiplication	Raja Krishnamoorthy, K., Saravanan, S., Malini, P., Jananipriya, K.S.	Pakistan Journal of Biotechnology	2016	Scopus	https://www.semanticscholar.org/paper/A-NEW-SEMI-AND-FULL-CARRY-SAVE-VLSI-ARCHITECTURE-Krishnamoorthy-Saravanan/ca52e918954d62aa0823b229d7f6eff3785e2e7d	
4	A Novel Circuit Methodology to Improve the Transition Delay and Provide Signal Feed Through for Input Data in Pulse Triggered Flip Flop	Krishnamoorthy, R., Indhubala, P., Saravanan, S.	Pakistan Journal of Biotechnology	2016	Scopus	https://pjbt.org/index.php/pjbt/article/view/272	



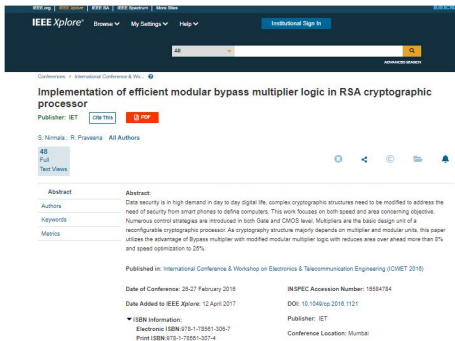
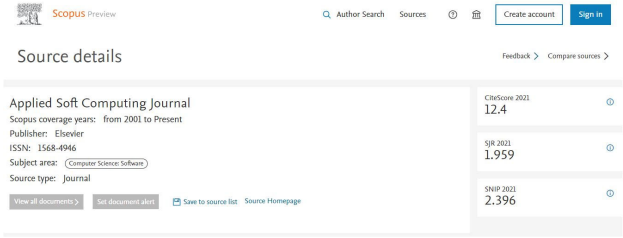
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
5	Implementation of Efficient Modular by Pass Multiplier Logic in rsa Cryptographic Processor	Nirmala, S., Praveena, R.	IET Conference Publications	2016	Scopus	https://ieeexplore.ieee.org/document/7893825	
6	ANFIS Based Decision Support System for Prenatal Detection of Truncus Arteriosus Congenital Heart Defect	Sridevi, S., Nirmala, S.	Applied Soft Computing Journal	2016	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S1568494615005682	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
7	Power Reduction in Very Large Scale Integration Circuit Using Spectral Clustering-Hierarchical Mean Cut Clustering Algorithm (SC-HMCC)	Kowsalya, T., Palaniswami, S.	Journal of Computational and Theoretical Nanoscience	2016	Scopus	https://www.ingentaconnect.com/content/asp/jctn/2016/0000013/00000003/art00023	
8	Design of an Error Tolerance Flip-Flop for Pipeline Architecture for SOC	Raja, K., Saravanan, S.	Asian Journal of Information Technology	2016	Scopus	https://www.researchgate.net/publication/305236857_Design_of_an_error_tolerance_flip_flop_for_pipeline_architecture_for_SOC	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
9	Soft Computing Based Power Control for Interference Mitigation in LTE Femtocell Networks	Sivaraj, N., Palanisamy, P.	Procedia Computer Science	2016	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S1877050916001447	
10	Fuzzy Inference Rule Based Image Despeckling Using Adaptive Maximum Likelihood Estimation	Sridevi, S., Nirmala, S.	Journal of Intelligent and Fuzzy Systems	2016	Scopus/Web of Science	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs2157	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
11	Markov Random Field Segmentation Based Sonographic Identification of Prenatal Ventricular Septal Defect	Nirmala, S., Sridevi, S.	Procedia Computer Science	2016	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S1877050916001769	
12	Design of a Reduced Carry Chain Propagation Adder Using FinFET	Saravanan, S., Senthil Kumar, V.M.	Asian Journal of Information Technology	2016	Scopus	https://medwelljournals.com/abstract/?doi=ajit.2016.1670.1677	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
13	An Integrated Dynamic Power Safeguard System Using Defence Surveillance Robots	Mathankumar, M., Preethi, M., Ranjani, R.K., Sugandhi, N.	International Journal of Advanced Intelligence Paradigms	2016	Scopus	https://doi.org/10.1504/IJAIP.2016.075729	
14	Optimal Placement and Sizing of Active Power Line Conditioners for Minimizing Power Quality Problems	Swathisriranjani, M., Mohananthini, N., Ranjitha, M., Baskar, S., Kavitha, D.	Indonesian Journal of Electrical Engineering and Computer Science	2017	Scopus	https://www.researchgate.net/publication/316681279_Optimal_Placement_and_Sizing_of_Active_Power_Line_Conditioners_for_Minimizing_Power_Quality_Problems/fulltext/5a37ca7b0f7e9b7c486f5024/Optimal-Placement-and-Sizing-of-Active-Power-Line-Conditioners-for-Minimizing-Power-Quality-Problems.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
15	Bus Encoded LUT Multiplier for Portable Biomedical Therapeutic Devices	Praveena, R., Nirmala, S.	Computers, Materials and Continua	2017	Scopus/Web of Science	https://www.techscience.com/cmc/v53n1/22848	
16	Real Time Implementation of Neuro-Adaptive Fuzzy Inferences System for Automatic Condition Monitoring and Speed Control of IM	Kabilan, R., Selvakumar, G.	Journal of Computational and Theoretical Nanoscience	2017	Scopus	https://www.ingentaconnect.com/content/asp/jctn/2017/0000014/00000001/art00110	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
17	Design of a Low Power ECG Signal Processor for Wearable Health System-Review and Implementation Issues	Raja, K., Saravanan, S., Anitha, R., Priya, S.S., Subhashini, R.	Proceedings of 2017 11th International Conference on Intelligent Systems and Control, ISCO 2017	2017	Scopus/Web of Science	https://ieeexplore.ieee.org/document/7856022	
18	Design of a Spike Detector for fully Integrated Neuromodulation SoC	Raja, K., Saravanan, S., Malini, P., Raveena, V., Praveena, R.S.	Proceedings of 2017 11th International Conference on Intelligent Systems and Control, ISCO 2017	2017	Scopus/Web of Science	https://ieeexplore.ieee.org/document/7856013	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
19	Optimization of EDM Process in Machining Micro Holes for Improvement of Hole Quality	Tamang, S.K., Natarajan, N., Chandrasekaran, M.	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2017	Scopus/Web of Science	https://link.springer.com/article/10.1007/s40430-016-0630-z	
20	Distinctive Transmissions in Wireless Networks Using Markovian Queuing Theory Based Approach With Blocking Probability	Vanitha, M., Babu, T.R.G.	Journal of Computational and Theoretical Nanoscience	2017	Scopus	https://www.ingentaconnect.com/contentone/asp/jctn/2017/00000014/00000011/art00037	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
21	An Empirical Analysis on Supply Chain Problems, Strategy, and Performance with Reference to SMEs	Ganeshan, H., Suresh, P.	Prabandhan: Indian Journal of Management	2017	Scopus	http://www.indianjournalofmanagement.com/index.php/pijom/article/view/119400	
22	Segmentation of Spinal Vertebrae in 3D CT Images Based on kernel Density Estimate With Gaussian kernels	Malathy, V., Nirmala, S.	Journal of Medical Imaging and Health Informatics	2017	Scopus/Web of Science	https://www.ingentaconnect.com/contentone/asp/jimihi/2017/00000007/00000002/art00025	



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23	CAD for Demarcation of Malignant and Benign Nodules in CT Lung Images of Spiculated Nodules	Saravanan, S., Selvakumar, G., Amarnath, C., Udayabaskaran, S., Manikandan, S.	International Journal of Biomedical Engineering and Technology	2017	Scopus/Web of Science	https://www.inderscienceonline.com/doi/abs/10.1504/IJBE.T.2017.083815	
24	Impact of the Shape of Electrode Tool on Radical Overcut of Micro-Hole in Electrochemical Micromachining	Thanigaivelan, R., Senthilkumar, R., Arunachalam, R.M., Natarajan, N.	Surface Engineering and Applied Electrochemistry	2017	Scopus/Web of Science	https://link.springer.com/article/10.3103/S1068375517050143	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
25	Boundary Optimization of Ground Glass Opacity in CT Images of Lung Cancer	Saravanan, S., Selvakumar, G., Amarnath, C., Manikandan, S.	ARPJ Journal of Engineering and Applied Sciences	2017	Scopus	https://www.researchgate.net/publication/320136413_Boundary_optimization_of_ground_glass_opacity_in_CT_images_of_lung_cancer	
26	Prediction of the Surface Roughness and Wheel Wear of Modern Ceramic Material (Al2O3) During Grinding Using Multiple Regression Analysis Model	Kanakarajan, P., Sundaram, S., Kumaravel, A., Rajasekar, R., Venkatachalam, R.	Indian Journal of Engineering and Materials Sciences	2017	Scopus	http://nopr.niscair.res.in/bitstream/123456789/42936/3/IJEMS%2024%283%29%20182-186.pdf	



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27	Fusion of CT-PET Lungs Tumour Images Using Dual Tree Complex Wavelet Transform.	Naveenadevi, R.; Nirmala, S.; Babu, Ganesh T. R.	Research Journal Of Pharmaceutical Biological And Chemical Sciences	2017	Web of Science	https://www.ripcbs.com/pdf/2017_8(1)/[40].pdf	
28	Experimental Investigation of Natural Convective Heat Transfer Around Micro-fin Arrays	Thanigaivelan, R.; Deepa, D.; Mythili, T.; Arunachalam, R. M.	Journal Of Scientific & Industrial Research	2017	Web of Science	https://www.researchgate.net/publication/319059089_Experimental_Investigation_of_Natural_Convective_Heat_Transfer_Around_Micro-fin_Arrays	



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29	Prediction of the Surface Roughness and Wheel Wear of Modern Ceramic Material (Al ₂ O ₃) During Grinding Using Multiple Regression Analysis Model	Kanakarajan, P.; Sundaram, S.; Kumaravel, A.; Rajasekar, R.; Venkatachalam, R.	Indian Journal Of Engineering And Materials Sciences	2017	Web of Science	http://nopr.niscair.res.in/bitstream/123456789/42936/3/IJEMS%2024%283%29%20182-186.pdf	
30	Effect of Machining Characteristics of Nano-TiC Mixed Dielectric Fluids on Inconel 718 in the EDM Process	Boopathi, Rajendran; Sundaram, Sengottuvelu; Senthilkumar, Chinnamuthu; Prabu, Muthusamy	Materials Testing	2017	Web of Science	https://www.degruyter.com/document/doi/10.3139/120.111002/html	



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31	Automatic Speed Control of Motor Via WAD Technique for Prevention of Faults in Motor	Kabilan, R., Selvakumar, G.	International Journal of Power Electronics and Drive Systems	2018	Scopus	http://dx.doi.org/10.11591/ijpeds.v9.i2.pp519-526	
32	Secure Visual Cryptography for Medical Image Using Modified Cuckoo Search	Alif Siddiqua Begum, A., Nirmala, S.	Multimedia Tools and Applications	2018	Scopus/Web of Science	https://doi.org/10.1007/s11042-018-5903-y	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
33	Application of Adaptive Neuro-Fuzzy Inference System for Interference Management in Heterogeneous Network	Palanisamy, P., Sivaraj, N.	ETRI Journal	2018	Scopus/Web of Science	https://doi.org/10.4218/etrij.2017-0195	
34	Performance Analysis of LCL-T Filter Based 2 Stage Single Phase Gird Connected Module With ANN Controller using PV Panel	Raja, R., Nagarajan, C.	Current Signal Transduction Therapy	2018	Scopus	10.2174/1574362413666180223124608	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
35	Augmented Recurrence Hopping Based Run-Length Coding for Test Data Compression Applications	Radhika, K., Mohana Geetha, D.	Wireless Personal Communications	2018	Scopus/Web of Science	https://www.researchgate.net/publication/323213963_Augmented_Recurrence_Hopping_Based_Run-Length_Coding_for_Test_Data_Compression_Applications	
36	Load and Emission Characteristics of Pongamia Pinnata Oil in ACI Engine	Arun Sankar, V.V., Arun Pravin, A.P., Suresh, P.	International Journal of Engineering and Technology(UAE)	2018	Scopus	10.14419/ijet.v7i2.24.12150	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
37	Exploring the Factors of Green Advertising that Pntices Purchase Behaviour Among Bangaloreans	Saravanaraj, M.G., Pillai, S.	International Journal of Business Excellence	2018	Scopus	https://www.inderscience.com/info/inarticle.php?artid=89153	
38	Heat Transfer Enhancement by Coated Fins in the Microscale Domain	Thanigaivelan, R., Deepa, D.	Thermal Science	2018	Scopus/Web of Science	https://www.researchgate.net/publication/315941545_Heat_transfer_enhancement_by_coated_fins_in_the_microscale_domain	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
39	A Novel Enhanced Gray Scale Adaptive Method for Prediction of Breast Cancer	Selvi, C., Suganthi, M.	Journal of Medical Systems	2018	Scopus/Web of Science	https://doi.org/10.1007/s10916-018-1082-7	
40	Smart Internet of Things (IOT) System for Performance Improvement of Dual Bridge LLC Resonant Converter by Using Sophisticated Distribution Control Method (SDC)	Baraneetharan, E., Selvakumar, G.	Wireless Personal Communications	2018	Scopus/Web of Science	https://dl.acm.org/doi/10.1007/s11277-018-5510-2	



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41	Investigation on Electrochemical Micromachining (ECMM) of Copper Inorganic Material Using UV Heated Electrolyte	Soundarrajan, M., Thanigaivelan, R.	Russian Journal of Applied Chemistry	2018	Scopus/Web of Science	https://link.springer.com/chapter/10.1007/978-981-15-4739-3_30	
42	Influence of Nano-DSilicon Carbide and Alumina Reinforced Aluminum FDins for Natural Convective Heat Transfer	Deepa, D., Thanigaivelan, R.	International Conference on Computational Methods for Thermal Problems	2018	Scopus	http://www.thermacomp.com/uploads//files/TC2018_Detail edProgram_V2.pdf	



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43	A Novel Game Theory Scheme to Egest Larceny in Cockroach Topology Wireless Sensor Network	Muruganandam, A., Anitha, R.	ARPJ Journal of Engineering and Applied Sciences	2018	Scopus	http://www.arpnjournals.org/j-eas/research_papers/rp_2018/j-eas_0418_6954.pdf	
44	New Oscillation Theorems for Second Order Quasi-Linear Difference Equations With Sub-Linear Neutral Term	Nazreen Banu, M., Mehar Banu, S.	Advances in Difference Equations	2018	Scopus/Web of Science	https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-018-1932-0	



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45	Stability-Integrated Fuzzy C Means Segmentation for Spatial Incorporated Automation of Number of Clusters	Royna Daisy, V., Nirmala, S.	Sadhana - Academy Proceedings in Engineering Sciences	2018	Scopus/Web of Science	https://www.ias.ac.in/article/fulltext/sadh/043/03/0040	
46	Mechanical Properties of Snake Grass With Sisal Fiber Reinforced Pla Composites	Thiruvassagam, C., Prabakaran, S., Suresh, P.	International Journal of Mechanical and Production Engineering Research and Development	2018	Scopus	https://www.researchgate.net/publication/326802333_Mechanical_Properties_of_Snake_Grass_with_Sisal_Fiber_Reinforced_PLA_Composites	



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47	Mechanical Characterization and Microstructural Analysis of Snake Grass With Reinforced Poly Lactic Composites	Thiruvassagam, C., Prabakaran, S., Suresh, P.	International Journal of Mechanical Engineering and Technology	2018	Scopus	https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_5/IJMET_09_05_094.pdf	
48	Shunt Active Filter for Multi-Level Inverters Using ddsrf With State Delay Controller	Rajesh, C.R., Umayal, S.P.	Journal of Power Electronics	2018	Scopus/Web of Science	https://www.koreascience.or.kr/article/JAKO201815565838041.page	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
49	Performance of Electrochemical Micromachining of Copper Through Infrared Heated Electrolyte	Thanigaivelan, R., Arunachalam, R.M., Kumar, M., Dheeraj, B.P.	Materials and Manufacturing Processes	2018	Scopus/Web of Science	https://doi.org/10.1080/10426914.2017.1279304	
50	Investigation on Electrode Vibration Behavior of Meachining Characteristics in Nano-TiC Mixed an EDM Machining Performance	Boopathi, R., Sundaram, S., Senthilkumar, C., Prabu, M.	Journal of the Balkan Tribological Association	2018	Scopus	https://www.researchgate.net/publication/328598401_Investigation_on_electrode_vibration_behavior_of_machining_characteristics_in_nano-TiC_mixed_an_EDM_machining_performance	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
51	Investigation of Mechanical, Morphological Studies and Electrochemical Micro Holing Process Parameters on Al6061-SiC-Gr Hybrid Metal Matrix Composites	Satishkumar, P., Natarajan, N., Dharmalingam, S., Pitchandi, P.	International Journal of Heavy Vehicle Systems	2018	Scopus/Web of Science	https://www.inderscienceonline.com/doi/abs/10.1504/IJHV.2018.094836	
52	Synthesis, Characterization, Thermal, Electrical and Electrochemical Studies of Oligo Nitrobenzimidazoles and Their p-n Diode Applications	Anand, S., Muthusamy, A., Kannapiran, N.	Journal of Materials Science: Materials in Electronics	2018	Scopus	https://link.springer.com/article/10.1007/s10854-018-9468-3	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
53	Performance Analysis of Gene Expression Data Using Mann-Whitney U Test	Vengatesan, K.; Mahajan, S. B.; Sanjeevikumar, P.; Mangrulkar, R.; Kala, V.; Pragadeeswaran	Lecture Notes in Electrical Engineering Advances In Systems, Control And Automation	2018	Scopus / Web of Science	https://www.researchgate.net/publication/321755748_Performance_Analysis_of_Gene_Expression_Data_Using_Mann-Whitney_U_Test	
54	Rectangular Microstrip Patch Antenna at ISM Band	Thilagam, Salai Thillai J.; Babu, Ganesh T. R.	Proceedings Of The 2Nd International Conference On Computing Methodologies And Communication (Iccmc 2018)	2018	Web of Science	https://ieeexplore.ieee.org/document/8487877	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
55	Synthesis, Characterization, Thermal, Electrical and Electrochemical Studies of Oligo Nitrobenzimidazoles and Their p-n Diode Applications	Anand, Siddeswaran; Muthusamy, Athianna; Kannapiran, Nagarajan	Journal Of Materials Science- Materials In Electronics	2018	Web of Science	https://scholar.google.co.in/scolar?q=10.1007/s10854-018-9468-3&hl=en&as_sdt=0&as_vis=1&oi=scholar	
56	Investigation on Human Lumbar Spine MRI Image Using Finite Element Method and Soft Computing Techniques	Punarselvam, E., Suresh, P.	Cluster Computing	2019	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10586-018-2019-0	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
57	Non-Linear Filtering Technique Used for Testing the Human Lumbar Spine FEA Model	Punarselvam, E., Suresh, P.	Journal of Medical Systems	2019	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10916-018-1148-6	
58	Experimental Study on Electrical Discharge Machining of Inconel Using RSM and NSGA Optimization Technique	Senthil Kumar, R., Suresh, P.	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2019	Scopus/Web of Science	https://link.springer.com/article/10.1007/s40430-018-1526-5	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
59	Transient Stability Enhancement for Distribution system Using Three Phase Unified Power Quality Conditioner With an Intrinsic Power Prediction Technique	Rajarajan, R., Prakash, R.	Journal of Advanced Research in Dynamical and Control Systems	2019	Scopus	https://www.jardcs.org/abstract.php?id=4244	
60	An Efficient Method for The Detection of Oblique Fissures from Computed Tomography Images of Lungs	Anitha, S., Ganesh Babu, T.R.	Journal of Medical Systems	2019	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10916-019-1396-0	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
61	Analysis of EDM Process Parameters on Inconel 718 using the grey-Taguchi and Topsis Methods	Yuvaraj, T., Suresh, P.	Strojniski Vestnik/Journal of Mechanical Engineering	2019	Scopus/Web of Science	http://dx.doi.org/10.5545/sv-jme.2019.61944	
62	Optimization of Electrochemical Micromachining Process Parameters for Machining of AMCs with Different % Compositions of GGBS Using Taguchi and TOPSIS Methods	Maniraj, S., Thanigaivelan, R.	Transactions of the Indian Institute of Metals	2019	Scopus/Web of Science	https://doi.org/10.1007/s12666-019-01772-3	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
63	Effect of Electrode Heating on Performance of Electrochemical Micromachining	Maniraj, S., Thanigaivelan, R.	Materials and Manufacturing Processes	2019	Scopus/Web of Science	https://www.tandfonline.com/doi/abs/10.1080/10426914.2019.1655153	
64	FPGA Implementation of IFFT Architecture with Enhanced Pruning Algorithm for Low Power Application	Geevarghese, A.C., Muthusamy, M.	Microprocessors and Microsystems	2019	Scopus/Web of Science	https://doi.org/10.1016/j.micpro.2019.06.010	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
65	A Novel Flip-Flop Based Error Free, Area Efficient and Low Power Pipeline Architecture for Finite Impulse Recursive System	Krishnamoorthy, R., Saravanan, S.	Cluster Computing	2019	Scopus/Web of Science	https://scholar.google.co.in/scolar?q=10.1007/s10586-018-2513-4&hl=en&as_sdt=0&as_vis=1&oi=scholar	
66	Optimization of Power System with Automatic Voltage regulator using soft computing techniques	Supriya, P.T., Prakash, R.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4499119119.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
67	Automated Anesthesia Injector for Patient Monitoring System Using Unified Technology Learning Platform	Sagayaraj, R., Sheela, A., Saravanakumar, U.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L26441081219.pdf	
68	Research And Control of STATCOM Using ANN and ANFIS	Mohanraj, M.R., Prakash, R.	International Journal of Recent Technology and Engineering	2019	Scopus	https://www.ijrte.org/wp-content/uploads/papers/v8i2S11/B10510982S1119.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
69	Performance Easure of Routing Protocol with Angular Coordinates and Distinctive Transmissions in Wireless Networks	Vanitha, M., Babu, T.R.G.	International Journal of Networking and Virtual Organisations	2019	Scopus	https://www.inderscience.com/info/inarticle.php?artid=101151	
70	A Low-Noise Dynamic Comparator with Offset Calibration for CMOS Image Sensor Architecture	Sathishkumar, A., Saravanan, S.	Journal of Circuits, Systems and Computers	2019	Scopus/Web of Science	https://www.worldscientific.com/doi/abs/10.1142/S0218126619500221	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
71	Real Time Class Based Encryption for Efficient Data Security in Cloud Environment Using User Profile	Kumaresan, S., Shanmugam, V.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L30981081219.pdf	
72	Material Defect Detection and Assessment of Surface Roughness Using Image Processing and Machine Vision System	Nithyanantham, N., Prathapchandran, K., Suresh, P.	Journal of Advanced Research in Dynamical and Control Systems	2019	Scopus	https://www.jardcs.org/abstract.php?id=1806	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
73	A Clinical Support System for Brain Tumor Classification Using Soft Computing Techniques	Arasi, P.R.E., Suganthi, M.	Journal of Medical Systems	2019	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10916-019-1266-9	
74	Effect of Jute Reinforcement Parameters on Mechanical Properties of Composite Structures	Gopinath, P., Suresh, P.	Journal of Testing and Evaluation	2019	Scopus/Web of Science	https://books.google.co.in/books/about/Effect_of_Jute_Reinforcement_Parameters.html?id=PG56zgEACAAJ&redir_esc=y	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
75	Machinability Studies on An Al7075 Composite with Varying Amounts of B4C Using an Induction-Heated Electrolyte in Electrochemical Machining	Rajan, N., Thanigaivelan, R., Muthurajan, K.G.	Materiali in Tehnologije	2019	Scopus	https://doi.org/10.17222/mit.2019.077	<p>Scopus Preview</p> <p>Source details</p> <p>Materiali in Tehnologije</p> <p>Open Access</p> <p>Scopus coverage years: from 2007 to Present</p> <p>Publisher: Institut za kovinske materiale in tehnologije Ljubljana</p> <p>ISSN: 1580-2949 E-ISSN: 1580-3414</p> <p>Subject area: Materials Science: Metals and Alloys Materials Science: Polymers and Plastics</p> <p>Source type: Journal</p> <p>View all documents Set document alert Save to source list Source Homepage</p> <p>CiteScore 2021 1.2</p> <p>SJR 2021 0.213</p> <p>SNIP 2021 0.367</p>
76	Ensembled Adaboost Learning with Id3 Algorithm for Energy Aware Data Gathering in WSN	Kalaimani, G., Kavitha, G.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v9i1/L26901081219.pdf	<p>Scopus Preview</p> <p>Source details</p> <p>International Journal of Innovative Technology and Exploring Engineering</p> <p>Scopus coverage years: from 2018 to 2019 (coverage discontinued in Scopus)</p> <p>Publisher: Blue Eyes Intelligence Engineering and Sciences Publication</p> <p>E-ISSN: 2278-3075</p> <p>Subject area: Engineering: Civil and Structural Engineering Computer Science: General Computer Science Engineering: Electrical and Electronic Engineering Engineering: Mechanics of Materials</p> <p>Source type: Journal</p> <p>View all documents Set document alert Save to source list Source Homepage</p> <p>CiteScore 2019 0.6</p> <p>SJR 2019 0.102</p> <p>SNIP 2021 0.346</p>



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
77	Multiple Watermarking for Images Using Back-Propagation Neural Network and DWT	Ananth, C., Karthikeyan, M., Mohananthini, N., Saravanan, S., Swathisriranjani, M.	International Journal of Engineering and Advanced Technology	2019	Scopus	https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1327109119.pdf	
78	Comparative Analysis of Clustering Algorithms with Heart Disease Datasets Using Data Mining Weka Tool	Kodati, S., Vivekanandam, R., Ravi, G.	Advances in Intelligent Systems and Computing	2019	Scopus	https://link.springer.com/chapter/10.1007/978-981-13-3600-3_11	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
79	An Enhancement of Deep Learning Algorithm for Brain Tumor Segmentation Using Kernel Based CNN with M-SVM	Thillaikkarasi, R., Saravanan, S.	Journal of Medical Systems	2019	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10916-019-1223-7	
80	Impact of Electrochemical Passivation on Burr Suppression of Ti-4Al-6V Alloy During Machining	Thanigaivelan, R., Arunachalam, R., Madhan, C., Kumar, R.R., Muthuselvam, M.	Surface Engineering and Applied Electrochemistry	2019	Scopus	https://www.researchgate.net/publication/335594986_Impact_of_Electrochemical_Passivation_on_Burr_Suppression_of_Ti-4Al-6V_Alloy_during_Machining	



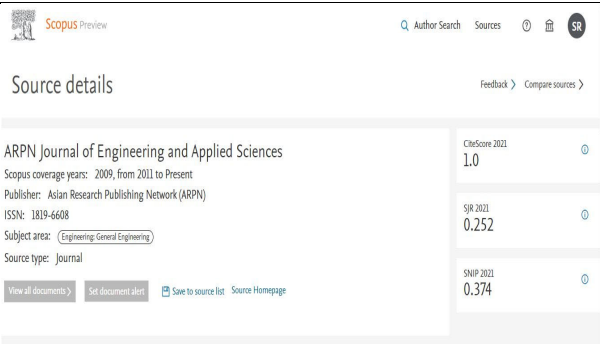

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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
81	A Vision-Based Surface Roughness Measurement Using a Geometric Search Technique	Nithyanantham, N., Prathapchandran, K., Suresh, P.	ARNP Journal of Engineering and Applied Sciences	2019	Scopus	http://www.arnpjournals.org/j-eas/research_papers/rp_2019/j-eas_0119_7572.pdf	
82	Corrosion Rate of Al-Si Alloy Reinforced with B4C Nanoparticle Prepared by Powder Metallurgy Method Using RSM	Abraham Subaraj, M., Bensam Raj, J., Malkiya Rasalin Prince, R., Glandevadhas, G., Christopher Ezhil Singh, S.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4650119119.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
83	Synthesis, Characterization, Electrochemical, Electrical, Thermal and ESIPT Behaviour of Oligobenzimidazoles of Certain Substituted Benzimidazole Carboxylic Acids and Their Diode Applications	Anand, S., Muthusamy, A.	Journal of Molecular Structure	2019	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S00228601831127X	
84	Face Recognition of Identical Twins Based on Support Vector Machine Classifier	Vengatesan, K., Kumar, A., Karupppuchamy, V., Shaktivel, R., Singhal, A.	Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019	2019	Scopus	https://ieeexplore.ieee.org/document/9032548	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
85	Adaptive and Robust Multiple Image Watermarking Using Canberra Distance and Dual Tree Complex Wavelet Transform	Ananth, C., Karthikeyan, M., Mohananthini, N., Yamuna, G.	Journal of Computational and Theoretical Nanoscience	2019	Scopus	https://www.ingentaconnect.com/contentone/asp/jctn/2019/00000016/00000004/art00005	
86	Effect of Resampling on The Performance and Execution Speed of Adaptive Marginalized Particle Filter	Jayamohan, S., Santhi, N., Joy, J., Ramar, K.	International Journal of Recent Technology and Engineering	2019	Scopus	https://www.ijrte.org/wp-content/uploads/papers/v8i3/C5359098319.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
87	Detection of Surface Coating Defects Using Fuzzy C-means Clustering with Firefly Optimization	Aslam, Y., Santhi, N., Ramasamy, N., Ramar, K.	International Journal of Engineering and Advanced Technology	2019	Scopus	https://www.ijeat.org/wp-content/uploads/papers/v9i1/A1847109119.pdf	
88	Metallic Surface Coating Defect Detection Using Firefly Based Adaptive Thresholding and Level Set Method	Aslam, Y., Santhi, N., Ramasamy, N., Ramar, K.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J96660881019.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
89	Diagnosis of Photovoltaic (PV) Panel Defects Based on Testing and Evaluation of Thermal Image	Uma, J., Muniraj, C., Sathya, N.	Journal of Testing and Evaluation	2019	Scopus/Web of Science	https://www.researchgate.net/publication/332267043	<p>Scopus Preview</p> <p>Source details</p> <p>Journal of Testing and Evaluation formerly known as: J Mater</p> <p>Scopus coverage years: from 1973 to 2024</p> <p>Publisher: American Society for Testing and Materials</p> <p>ISSN: 0090-3973 E-ISSN: 1945-7553</p> <p>Subject area: Engineering: Mechanical Engineering Engineering: Mechanics of Materials Materials Science: General Materials Science</p> <p>Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2021: 2.6</p> <p>SJR 2021: 0.341</p> <p>SNIP 2021: 0.618</p>
90	Performance of Spatial Frequency Discrete Wavelet Transform Based Remote Sensing Image Fusion Algorithm	Joy, J., Santhi, N., Jayamohan, S., Ramar, K.	International Journal of Recent Technology and Engineering	2019	Scopus	https://www.ijrte.org/wp-content/uploads/papers/v8i3/C6402098319.pdf	<p>Scopus Preview</p> <p>Source details</p> <p>International Journal of Recent Technology and Engineering</p> <p>Scopus coverage years: from 2018 to 2019 (coverage discontinued in Scopus)</p> <p>Publisher: Blue Eyes Intelligence Engineering and Sciences Publication</p> <p>E-ISSN: 2277-3878</p> <p>Subject area: Business, Management and Accounting: Management of Technology and Innovation Engineering: General Engineering</p> <p>Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2018: 0.0</p> <p>SJR 2019: 0.107</p> <p>SNIP 2021: 0.286</p>



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
91	Wide Band Millimeter Wave Fabric Antenna for 60GHz Applications	Karthikeyan, V., Suresh, P., Saravana Kumar, U., Anil Venkata Rama Sekhar, A.K.M., Srikanth, S.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v8i9/H7501068819.pdf	
92	Design and Implementation of real Time Data Acquisition System in All Programmable System on Chip	Suresh, P., Saravanakumar, U., Karthikeyan, V., Vamsi Krishna, G., Sreekanth, K., Kumar Reddy, G.	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J96520881019.pdf	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
93	Impact of Electrochemical Passivation on Burr Suppression of Ti-4Al-6V Alloy During Machining	Thanigaivelan, R.; Arunachalam, R. M.; Madhan, C.; Kumar, R. Ramesh; Muthuselvam, M.	Surface Engineering And Applied Electrochemistry	2019	Web of Science	https://www.researchgate.net/publication/335594986_Impact_of_Electrochemical_Passivation_on_Burr_Suppression_of_Ti-4Al-6V_Alloy_during_Machining	
94	Fetal Ultrasound Image Evaluation of Chromosomal Anomaly Detection and Classification Using Conditional Rooted Neural Network (CRNN)	Padmavathy, S.; Suresh, P.	Journal Of Medical Imaging And Health Informatics	2019	Web of Science	https://www.ingentaconnect.com/contentone/asp/jmih/2019/00000009/00000006/art00035	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
95	MACHINABILITY STUDIES ON AN A17075 COMPOSITE WITH VARYING AMOUNTS OF B4C USING AN INDUCTION-HEATED ELECTROLYTE IN ELECTROCHEMICAL MACHINING	Rajan, Natarajan; Thanigaivelan, Rajasekaran; Muthurajan, Kumarasamy Govindan	Materiali Tehnologije	2019	Web of Science	http://mit.imt.si/izvodi/mit196/rajan.pdf	
96	Fabrication, Characterization and Analysis of Improvements in Mechanical Properties of AA7075/ZrB2 in-Situ Composites	Nallusamy, M.; Sundaram, S.; Kalaiselvan, K.	Measurement	2019	Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S026322413224118312521	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
97	Study on Tool Steel Machining with ZNC EDM by RSM, GREY and NSGA	Ramuvel, S.K., Paramasivam, S.	Journal of Materials Research and Technology	2020	Scopus/Web of Science	https://doi.org/10.1016/j.jmrt.2020.02.015	
98	Finite Element Analysis and Modeling of Fractured Femur Bone	Kalaiyarasam, A., Sankar, K., Sundaram, S.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2214785319332791	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
99	Modelling of Intelligent transportation System for Human Safety Using IoT	Suthanthira Vanitha, N., Karthikeyan, J., Kavitha, G., Radhika, K.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://www.researchgate.net/publication/343330625_Modelling_of_Intelligent Transportation System for Human Safety using IoT	
100	Optimization of wire EDM Process Parameters on Al6061/Al2O3 Composite and its Surface Integrity Studies	Myhili, T., Thanigaivelan, R.	Bulletin of the Polish Academy of Sciences: Technical Sciences	2020	Scopus/Web of Science	https://journals.pan.pl/dlibra/publication/135382/edition/118360/content/optimization-of-wire-edm-process-parameters-on-al6061-al-o-composite-and-its-surface-integrity-studies-mythili-t-thanigaivelan-r?language=en	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
101	Experimental and Numerical Analysis of Diesel Engine Exhaust Heat Recovery Using Triple Tube Heat Exchanger	Saravanan, P., Raman, M.	Thermal Science	2020	Scopus/Web of Science	https://doi.org/10.2298/TSCI190411431S	
102	Using Artificial Intelligence Inverter Power Control Which is Based on DC Link Voltage Regulation for IPMSM Drives with Electrolytic Capacitor	Sowmya, C., Mohananthini, N., Saravanan, S., Senthil Kumar, A.	AIP Conference Proceedings	2020	Scopus/Web of Science	https://aip.scitation.org/doi/10.1063/5.0000390	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
103	Dynamic Partial Reconfiguration Performance Analysis in Field Programmable Gate Array for Streaming Applications	Suresh, P., Rajkumar, R., Venkata Prasad, T., Uday Kiran Yadav, B., Narayana Reddy, S.V., Yaswanth Reddy, S., Rajkumar, R., Saravanakumar, U.	International Journal of Scientific and Technology Research	2020	Scopus	http://www.ijstr.org/final-print/feb2020/Dynamic-Partial-Reconfiguration-Performance-Analysis-In-Field-Programmable-Gate-Array-For-Streaming-Applications.pdf	
104	Finite Element Analysis of Beam with Different Loading Condition	Kalaiyarasan, A., Sundaram, S.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2020.12.112	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
105	Hybrid On-Chip Soft Computing Model for Performance Evaluation of 6T SRAM Cell Using 45-nm Technology	Selvarasu, S., Saravanan, S.	Soft Computing	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s00500-019-04581-4	
106	Mitigation of Voltage Sags and Stability Analysis of Distribution System Based on UPQC Using Substantial Transformation Intrinsic Algorithm (STIA)	Rajarajan, R., Prakash, R.	Journal of Critical Reviews	2020	Scopus	http://www.jcreview.com/admin/Uploads/Files/61a9fab1d64c52.49532776.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
107	Effect of Coated and Geometrically Modified Tools on Performance of Electrochemical Micromachining	Soundarrajan, M., Thanigaivelan, R.	Materials and Manufacturing Processes	2020	Scopus/Web of Science	https://doi.org/10.1080/10426914.2020.1740252	
108	Analysis of Traffic Flow Prediction Techniques in Green Intelligent Transportation System	Vijayalakshmi, B., Ramar, K.	Journal of Green Engineering	2020	Scopus	http://www.jgenng.com/volume10-issue9.php	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
109	A Reformed Adaptive Frequency Passiveness Control for Unified Power Quality Compensator with Model Parameter Ability to Improve Power Quality	Rajarajan, R., Prakash, R.	Microprocessors and Microsystems	2020	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S0141933119304946	
110	Enhanced Portable LUT Multiplier with Gated Power Optimization for Biomedical Therapeutic Devices	Praveena, R.	Computers, Materials and Continua	2020	Scopus/Web of Science	https://www.techscience.com/cmc/v63n1/38437	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
111	A Novel Cognitive Wallace Compressor Based Multi Operand Adders in CNN Architecture for FPGA	Kowsalya, T.	Journal of Ambient Intelligence and Humanized Computing	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12652-020-02402-3	
112	Area and Power Efficient Pipelined Hybrid Merged Adders for Customized Deep Learning Framework for FPGA Implementation	Kowsalya, T.	Microprocessors and Microsystems	2020	Scopus/Web of Science	http://dx.doi.org/10.1016/j.micpro.2019.102906	



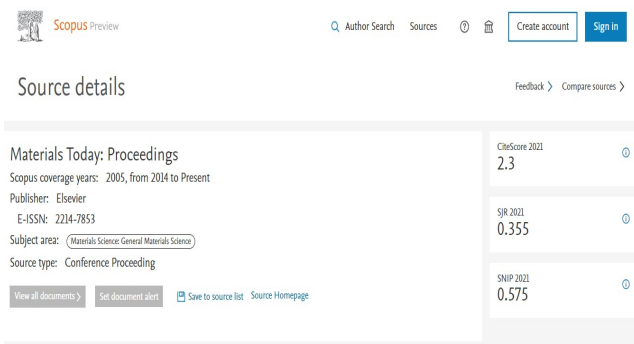
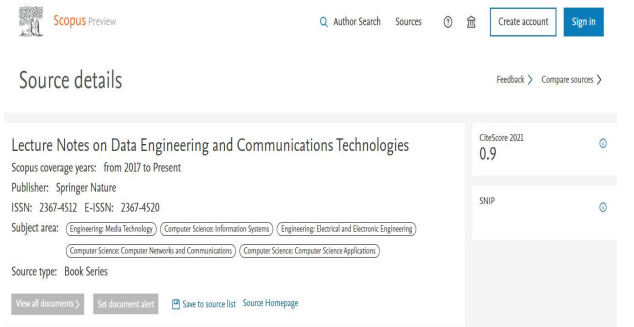
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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
113	Parametric Impact Analysis on Transformer Based Dual Output Quasi Z DC-DC Converter	Meenakshi, T., Suthanthira Vanitha, N., Radhika, K., Maheshwari, M.	Materials Today: Proceedings	2020	Scopus/Web of Science	http://dx.doi.org/10.1016/j.matpr.2020.06.427	
114	A Survey on Image Segmentation Techniques	Divya, D., Ganesh Babu, T.R.	Lecture Notes on Data Engineering and Communications Technologies	2020	Scopus	https://www.researchgate.net/publication/337108728_A_Survey_on_Image_Segmentation_Techniques	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
115	Progressive Delamination Analysis of CFRP Laminated Plate Under Compressive Loading	Anish Jafrin Thilak, J., Suresh, P., Vasanthanathan, A.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2021.05.290	
116	Experimental Investigation on Different High Rich Cement Mortar for Ferrocement Application	Sankar, K., Shoba Rajkumar, D.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2214785319337150	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
117	Fitness Adaptive Deer Hunting-Based Region Growing and Recurrent Neural Network for Melanoma Skin Cancer Detection	Divya, D., Ganeshbabu, T.R.	International Journal of Imaging Systems and Technology	2020	Scopus/Web of Science	https://doi.org/10.1002/ima.22414	
118	Performance of Magnetic Field-Assisted Citric Acid Electrolyte on Electrochemical Micro-Machining of SS 316L	Vinod Kumaar, J.R., Thanigaivelan, R.	Materials and Manufacturing Processes	2020	Scopus/Web of Science	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1750630	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
119	Experimental Research into the Mechanical Behaviour of Banana Fibre Reinforced PP Composite Material	Arun Sankar, V.V., Suresh, P., Arun Kumar, V., Dhanasekar, S., Harishh Kumar, E., Nandhakumar, R.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2020.03.685	
120	WEDM of Cu/WC/SiC Composites: Development and Machining Parameters Using Artificial Immune System	Meenakshi, R., Suresh, P.	Journal of Experimental Nanoscience	2020	Scopus/Web of Science	https://doi.org/10.1080/17458080.2019.1708331	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
121	Investigation of Process Parameters by Abrasive Assisted Electrochemical Micro Drilling Process on Al - 6061 with SiC and Fly Ash Composites	Satishkumar, P., Natarajan, N.	IOP Conference Series: Materials Science and Engineering	2020	Scopus	DOI:10.1088/1757-899X/872/1/012075	
122	Ant Colony Optimization Technique Tuned Controller for Frequency Regulation of Single Area Nuclear Power Generating System	Dhanasekaran, B., Siddhan, S., Kaliannan, J.	Microprocessors and Microsystems	2020	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S0141933119304788	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
123	Real Time Quality of Service Specific Dynamic Web Service Composition and for Improved Performance of Soa Implicit Explicit Feedback	Kirubanantham, P., Vijayakumar, G.	International Journal of Advanced Science and Technology	2020	Scopus	http://sersec.org/journals/index.php/IJAST/article/view/7916	<p>Source details</p> <p>International Journal of Advanced Science and Technology</p> <p>Scopus coverage years: from 2016 to 2020 (coverage discontinued in Scopus)</p> <p>Publisher: Science and Engineering Research Support Society</p> <p>ISSN: 2005-4238 E-ISSN: 2207-4360</p> <p>Subject area: (Energy General Energy) (Computer Science: General Computer Science) (Engineering General Engineering)</p> <p>Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2019 0.0</p> <p>SJR 2019 0.108</p> <p>SNIP 2021 0.250</p>
124	Time-Variant Attribute-Based Multitype Encryption Algorithm for Improved Cloud Data Security Using User Profile	Kumaresan, S., Shanmugam, V.	Journal of Supercomputing	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s11227-019-03118-8	<p>Source details</p> <p>Journal of Supercomputing</p> <p>Scopus coverage years: from 1987 to Present</p> <p>Publisher: Springer Nature</p> <p>ISSN: 0920-8542 E-ISSN: 1573-0484</p> <p>Subject area: (Mathematics Theoretical Computer Science) (Computer Science: Information Systems) (Computer Science: Hardware and Architecture)</p> <p>Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2021 4.8</p> <p>SJR 2021 0.727</p> <p>SNIP 2021 1.158</p>



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
125	Improved Fuzzy Weighted-Iterative Association Rule Based Ontology Postprocessing in Data Mining for Query Recommendation Applications	Sumathi, G., Akilandeswari, J.	Computational Intelligence	2020	Scopus/Web of Science	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12269	
126	A General Overview on Biosurfactant and its Promising Strategies in Environmental Bioremediation	Vigneshwaran, C., Saravanan, N., Prasanna, B., Sivasubramanian, V.	International Journal of Advanced Science and Technology	2020	Scopus	http://serisc.org/journals/index.php/IJAST/article/view/10786	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
127	Influence of ZrB ₂ Particles on Dry Sliding Wear Behaviour of AA7075/ZrB ₂ In-Situ Composites	Nallusamy, M., Sundaram, S., Kalaiselvan, K.	Lecture Notes in Mechanical Engineering	2020	Scopus	10.1007/978-981-15-1124-0_34	
128	Novel Recommendation System Based on Long-Term Composition for Adaptive Web Services	Kirubanantham, P., Vijayakumar, G.	Computational Intelligence	2020	Scopus/Web of Science	https://en.x-mol.com/paper/article/1255941598564212736	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
129	A Fuzzy Shape Representation of a Segmented Vessel Tree and Kernel-Induced Random Forest Classifier for The Efficient Prediction of Lung Cancer	Deepa, P., Suganthi, M.	Journal of Supercomputing	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s11227-019-03002-5	
130	Stability Analysis of Quadrotor Using State Space Mathematical Modeling	Suthanthira Vanitha, N., Manivannan, L., Meenakshi, T., Radhika, K.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2214785320349014	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
131	Prediction of Diabetes Using Neural Networks	Santhi, P., Lavanya, S.	International Journal of Advanced Science and Technology	2020	Scopus	http://sersec.org/journals/index.php/IJAST/article/view/10635	
132	Shunt Active Power Filter with Solar Photovoltaic System for Long-Term Harmonic Mitigation	Suresh, P., Vijayakumar, G.	Journal of Circuits, Systems and Computers	2020	Scopus/Web of Science	https://www.worldscientific.com/doi/abs/10.1142/S0218126620500814	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
133	Semi-Distributed Dynamic Inter-Cell Interference Coordination Scheme for Interference Avoidance in Heterogeneous Networks	Padmaloshani, P., Nirmala, S.	ETRI Journal	2020	Scopus/Web of Science	https://www.koreascience.or.kr/article/JAKO202050548327930.kr	<p>Source details</p> <p>ETRI Journal</p> <p>Open Access: 0</p> <p>Scopus coverage years: from 1994 to Present</p> <p>Publisher: Wiley-Blackwell</p> <p>ISSN: 1225-6463 E-ISSN: 2233-7326</p> <p>Subject area: Computer Science General Computer Science Engineering: Electrical and Electronic Engineering Materials Science Electronic, Optical and Magnetic Materials</p> <p>Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2021: 3.4</p> <p>SJR 2021: 0.484</p> <p>SNIP 2021: 0.760</p>
134	Image Retrieval in Mobile by Using Position Scale Orientation SIFT and Contextual Saliency	Aiswarya, K.S., Santhi, N., Ramar, K.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus	https://www.jardcs.org/abstract.php?id=3120	<p>Source details</p> <p>Journal of Advanced Research in Dynamical and Control Systems</p> <p>Scopus coverage years: from 2009 to 2015, from 2017 to 2020 (coverage discontinued in Scopus)</p> <p>Publisher: Institute of Advanced Scientific Research</p> <p>ISSN: 1943-023X</p> <p>Subject area: Engineering General Engineering Computer Science General Computer Science</p> <p>Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2019: 0.4</p> <p>SJR 2019: 0.129</p> <p>SNIP 2021: 0.227</p>



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
135	A Novel Design Approach to Capture Brake Emissions in Four Wheelers	Subramaniam, P., Sundaram, S., Gunasekaran, K., Reddy, G.V., Mohamed, K.B.N.R., Logesh, S.	AIP Conference Proceedings	2020	Scopus/Web of Science	https://aip.scitation.org/doi/10.1063/5.0034102	<p>Scopus Preview</p> <p>Source details</p> <p>AIP Conference Proceedings</p> <p>Scopus coverage years: from 1973 to 1978, from 1983 to 1984, 1993, from 2000 to 2001, from 2003 to Present</p> <p>Publisher: American Institute of Physics</p> <p>ISSN: 0094-243X E-ISSN: 1551-7616</p> <p>Subject area: (Physics and Astronomy: General Physics and Astronomy)</p> <p>Source type: Conference Proceeding</p> <p>CiteScore 2021: 0.8</p> <p>SJR 2021: 0.189</p> <p>SNIP 2021: 0.262</p>
136	Mathematical and MATLAB based Process Optimization by Simulated Annealing Algorithm for Wire Electrical Discharge Machining of EN31	Sankar, V.V.A., Suresh, P., Sridharan, P., Vignesh, R., Gowtham, M.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2021.05.209	<p>Scopus Preview</p> <p>Source details</p> <p>Materials Today: Proceedings</p> <p>Scopus coverage years: 2005, from 2014 to Present</p> <p>Publisher: Elsevier</p> <p>E-ISSN: 2214-7853</p> <p>Subject area: (Materials Science: General Materials Science)</p> <p>Source type: Conference Proceeding</p> <p>CiteScore 2021: 2.3</p> <p>SJR 2021: 0.355</p> <p>SNIP 2021: 0.575</p>



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
137	Optimal Key Generation for Data Sanitization and Restoration of Cloud Data: Future of Financial Cyber Security	Balashunmugaraja, B., Ganeshbabu, T.R.	International Journal of Information Technology and Decision Making	2020	Scopus/Web of Science	https://www.worldscientific.com/doi/10.1142/S0219622020500200	
138	Discrete Wavelet Transform Based Multiple Watermarking for Digital Images Using Back-Propagation Neural Network	Ananth, C., Karthikeyan, M., Mohananthini, N.	Lecture Notes in Networks and Systems	2020	Scopus	https://link.springer.com/chapter/10.1007/978-3-030-33846-6_49	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
139	Optimization of Laser and Electrochemical Process Parameters for Surface Modification of Hardness and Hydrophobicity on 316L Steel	Thanigaivelan, R., Arunachalam, R.M., Nithish, A., Venkatesh, S., Naveenkumar, P., Selvaganapathy, S., Siranjeevi Aravind, A.R.	Lasers in Engineering	2020	Scopus/Web of Science	https://web.p.ebsconost.com/abstract?direct=true&profile=ehost&scope=site&auth=crawler&jrnl=08981507&AN=141467309&h=VLvtNKWQdIGXMHP313MZ381LFelCrglcgwj4eE%2fhjRM%2b8RQZ3HE6TGfX0a1DLU75PNjiPqYyprdtS4syYqC%2b7g%3d%3d&url=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%3d	
140	Repetitive Node Categorization Technique Based Reliable Clustering and Energy Efficient Communication in P2P Wireless Sensor Network	Maheswari, P.U., Ganeshbabu, T.R.	Peer-to-Peer Networking and Applications	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12083-019-00768-6	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
141	Influence of Chemical Treatment and Moisture Absorption on Tensile Behavior of Neem/banana Fibers Reinforced Hybrid Composites: An Experimental Investigation	Binu Kumar, V.J., Bensam Raj, J., Karuppasamy, R., Thanigaivelan, R.	Journal of Natural Fibers	2020	Scopus/Web of Science	https://doi.org/10.1080/15440478.2020.1838995	
142	An Efficient Skin Cancer Diagnostic System Using Bendlet Transform and Support Vector Machine	Poovizhi, S.; Babu, Ganesh T. R.	Anais da Academia Brasileira de Ciencias	2020	Scopus/Web of Science	https://www.semanticscholar.org/paper/An-Efficient-Skin-Cancer-Diagnostic-System-Using-Poovizhi-Tr/e48e5e486b0b6cdc8914692d7144b40c9a6d721c	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
143	Reliable Object Recognition System for Cloud Video Data Based on LDP Features	Gomathy Nayagam, M., Ramar, K.	Computer Communications	2020	Scopus/Web of Science	10.1016/j.comcom.2019.10.027	
144	A Review on Various Clustering Approaches for Image Segmentation	Aslam, Y., Santhi, N., Ramasamy, N., Ramar, K.	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020	2020	Scopus	https://ieeexplore.ieee.org/document/9171125	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
145	Analysis on Energy Consumption in Smart Grid WSN Using Path Operator Calculus Centrality Based HSA-PSO Algorithm	Hemalatha, R., Prakash, R., Sivapragash, C.	Soft Computing	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s00500-019-04580-5	
146	Detecting Coronavirus Contact Using Internet of Things	M Ganthimathi, S.R.Sridhar	International Journal of Pervasive Computing and Communications	2020	Scopus/Web of Science	https://www.ingentaconnect.com/content/mcb/ijpcc/2020/0000016/00000005/art00004	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
147	Efficient Classification of Heart Disease Using K-means Clustering Algorithm	Thangamani, M., Vijayalakshmi, R., Ganthimathi, M., Ranjitha, M., Malarkodi, P., Nallusamy, S.	International Journal of Engineering Trends and Technology	2020	Scopus	http://www.ijettjournal.org/archive/ijett-v68i12p209	
148	Measurement of Bleb Height Area and Extent Using Anterior Segment Optical Coherence Tomography	Ganesh Babu, T.R., Nirmala, S., Vidhya, K.	International Journal of Computer Aided Engineering and Technology	2020	Scopus	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAET.2020.105579	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
149	Effect of Stacking Sequence on Dynamic Mechanical Properties of Indian Almondâ€™Kenaf Fiber Reinforced Hybrid Composites	Jeyaraman, J., Jesuretnam, B.R., Ramar, K.	Journal of Natural Fibers	2020	Scopus	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1858219?journalCode=wjnf20	
150	Deep Perceptron Neural Network With Fuzzy PID Controller for Speed Control and Stability Analysis of BLDC Motor	Gobinath, S., Madheswaran, M.	Soft Computing	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s00500-019-04532-z	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
151	Content-based Image Retrieval for Mobile Devices Using Multi-stage Autoencoders	Aiswarya, K.S., Santhi, N., Ramar, K.	Journal of Critical Reviews	2020	Scopus	https://drive.google.com/file/d/1WeGeJxWwbngKj2EQAR53qAUGZGLhN5oN/view	
152	The Growth and Characterization Techniques of Organometallic Nonlinear Optical Crystal - Manganese Mercury Thiocyanate - Bis (N-methyl formamide)	Josephine Usha, R., Mary Anjalin, F., Baby suganthi, A.R., Anbuselvi, D.	Materials Today: Proceedings	2020	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2214785320350306	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
153	Environmental Oriented Image Retrieval Using Deep Learning in Remote Sensing	Rose, J.B., Santhi, N., Ramar, K.	Journal of Green Engineering	2020	Scopus	https://www.researchgate.net/publication/339543553_Deep_learning_in_environmental_remote_sensing_Achievements_and_challenges	<p>Source details</p> <p>Journal of Green Engineering Scopus coverage years: from 2010 to 2021 (coverage discontinued in Scopus) Publisher: Alpha Publishers ISSN: 1904-4720 E-ISSN: 2245-4586 Subject area: Environmental Science: Environmental Engineering Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2019 0.8 SJR 2019 0.194 SNIP 2021 0.231</p>
154	A Content Based Remote Sensing Image Retrieval Using A Modified Local Color Descriptors	Binisha Rose, J., Santhi, N., Ramar, K.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus	https://www.jardcs.org/abstract.php?id=3176	<p>Source details</p> <p>Journal of Advanced Research in Dynamical and Control Systems Scopus coverage years: from 2009 to 2015, from 2017 to 2020 (coverage discontinued in Scopus) Publisher: Institute of Advanced Scientific Research ISSN: 1943-023X Subject area: Engineering: General Engineering Computer Science: General Computer Science Source type: Journal</p> <p>View all documents > Set document alert Save to source list Source Homepage</p> <p>CiteScore 2019 0.4 SJR 2019 0.129 SNIP 2021 0.227</p>



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
155	Enhanced Lifetime of Heterogeneous Wireless Sensor Network Using Stable Election Protocol With Region-based Energy-Conscious Sink Movement	Madhavi, N., Madheswaran, M.	Journal of Supercomputing	2020	Scopus/Web of Science	https://dl.acm.org/doi/10.1007/s11227-019-02968-6	
156	Oscillation Criteria for Solution to Partial Dynamic Equations on Time Scales	Ramesh, R., Dix, J.G., Harikrishnan, S., Prakash, P.	Hacettepe Journal of Mathematics and Statistics	2020	Scopus/Web of Science	https://dergipark.org.tr/tr/download/article-file/1089408	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
157	Finding Spectrum Occupancy Pattern Using CBFPP Mining Technique	Karthik, G.M., Sayeekumar, M., Kumaravel, R., Aravind, T.	Journal of Intelligent and Fuzzy Systems	2020	Scopus/Web of Science	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs200368	
158	A Novel Approach for The roduction and characterisation of aluminium-alumina hybrid metal matrix composites	Thiraviam, T.R., Ravisankar, R.V., Pradeep Kumar, P.K., Thanigaivelan, T.R., Arunachalam, A.R.	Materials Research Express	2020	Scopus/Web of Science	https://www.researchgate.net/publication/340420814_A_novel_approach_for_the_production_and_characterisation_of_aluminium-alumina_hybrid_metal_matrix_composites	



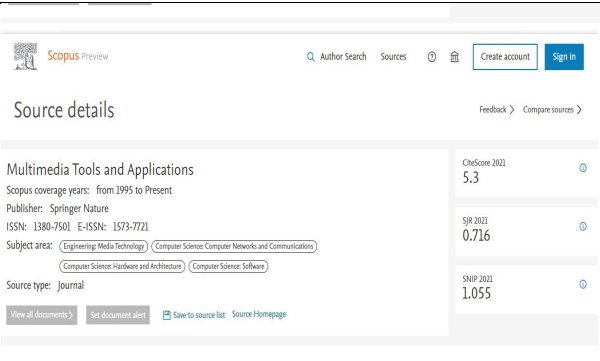
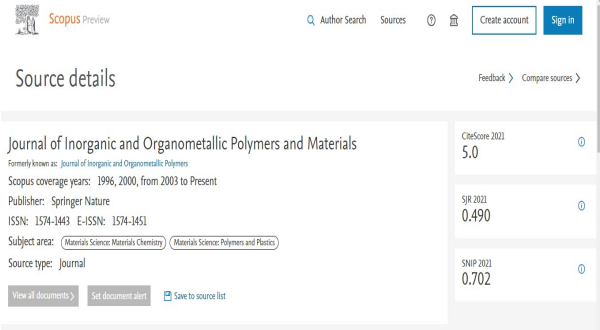
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
159	Prediction of cirrhosis Disease from Radiologist Liver Medical Image using Hybrid Coupled Dictionary Pairs on Longitudinal Domain Approach	Kirubakaran, J., Prasanna Venkatesan, G.K.D., Baskar, S., Kumaresan, M., Annamalai, S.	Multimedia Tools and Applications	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s11042-019-7259-3	
160	A Facile Green Approach of Cone-like ZnO NSs Synthesized Via Jatropha gossypifolia Leaves Extract for Photocatalytic and Biological Activity	Krishnan, B.R., Ramesh, M., Selvakumar, M., Karthick, S., Sasikumar, A., Geerthi, D.V., Senthilkumar, N.	Journal of Inorganic and Organometallic Polymers and Materials	2020	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10904-020-01576-9	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
161	Oscillation of Time Fractional Vector Diffusion-Wave Equation with Fractional Damping	Ramesh, R., Harikrishnan, S., Nieto, J.J., Prakash, P.	Opuscula Mathematica	2020	Scopus/Web of Science	https://www.opuscula.agh.edu.pl/vol40/2/art/opuscula_math_4015.pdf	
162	Delay Sensitive Aware Distributed Data Fault Recognition Algorithm for Distributed Sensor Networks	Kirubakaran, J., Prasanna Venkatesan, G.K.D., Kumar, K.S., Dhanabal, S., Baskar, K.	Peer-to-Peer Networking and Applications	2020	Scopus/Web of Science	https://doi.org/10.1007/s12083-019-00804-5	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
163	Synthesis, Structural, Dielectric, Laser Damage Threshold, Third Order Nonlinear Optical and Quantum Chemical Investigations on a Novel Organic Crystalline Material: Pyrrolidin-1-ium 2-Chloro-4-Nitrobenzoate 2-Chloro-4-Nitrobenzoic Acid for Opto-Electronic Applications	Karthick, S., Thirupugamani, K., Krishnakumar, M., Kannan, V., Vinitha, G., Brahadeeswaran, S.	Optics and Laser Technology	2020	Scopus	https://www.sciencedirect.com/science/article/abs/pii/S0030399219308357	
164	Multiple Focal Structure Generation of Incident Beam in The Focal Region Under Tight Focusing	Suresh, P., Muthuraman, U., Revathi, M., Rajesh, K.B., Saravanakumar, U., Jaroszewicz, Z.	Materials Today: Proceedings	2020	Scopus/Web of Science	http://dx.doi.org/10.1016/j.matpr	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
165	Copper (0) Mediated Single Electron Transfer-Living Radical Polymerization of Methyl Methacrylate: Functionalized Graphene as a Convenient Tool for Radical Initiator	Murali, A., Sampath, S., Achuthan, B.A., Sakar, M., Chandrasekaran, S., Vanitha, N.S., Bensingh, R.J., Kader, M.A., Jaisankar, S.N.	Polymers	2020	Scopus/Web of Science	https://www.readcube.com/articles/10.3390/polym12040874	
166	A Hybrid Method for Deduplication and Redundancy Checking in Cloud Storage with Side Channel Attack	Vignesh, R.; Preethi, J.	Bioscience Biotechnology Research Communications	2020	Web of Science	http://bbrc.in/bbrc/wp-content/uploads/2020/08/Special-Issue-Volume-13-No-6-2020.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
167	Segmentation Analysis Techniques and Identifying Stress Ratio of Human Lumbar Spine Using ANSYS	Punarselvam, E.; Devi, T. Kalavathi; Britto, A. Sagai Francis; Prakash, N. B.; Suresh, P.	Journal Of Medical Imaging And Health Informatics	2020	Web of Science	https://docs.google.com/spreadsheets/d/1wXPH-Y4xLB9KfpgRbsOEXJlzV4Kjh5Vu0RX1T3iDzNU/edit#gid=1544423018	
168	Ultrasound Medical Image Denoising Using Threshold Based Wavelet Transformation Method	Kumar, C.; Prakash, R.	Journal Of Medical Imaging And Health Informatics	2020	Web of Science	https://www.ingentaconnect.com/contentone/asp/jmihi/2020/00000010/00000008/art00006?crawler=true&mimetype=application/pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
169	Synthesis, Structural, Dielectric, Laser Damage Threshold, Third Order Nonlinear Optical and Quantum Chemical Investigations on a Novel Organic Crystalline Material: Pyrrolidin-1-ium 2-Chloro-4-Nitrobenzoate 2-Chloro-4-Nitrobenzoic Acid for Opto-Electronic Applications	Karthick, S.; Thirupugamani, K.; Krishnakumar, M.; Kannan, V; Vinitha, G.; Brahadeeswaran, S.	Optics And Laser Technology	2020	Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S0030399219308357	
170	Tribological Characteristics of AA8090-WC-ZrC Metal Matrix Composites Prepared by sStir Casting Process for Aerospace Applications	A, K., S, S., K, G., J, B.R.	Industrial Lubrication and Tribology	2021	Scopus/Web of Science	https://www.emerald.com/insight/content/doi/10.1108/ILT-05-2021-0191/full/html	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
171	Determination of Cup to disc Ratio using Unsupervised Machine Learning Techniques for Glaucoma Detection	Praveena, R., GaneshBabu, T.R.	MCB Molecular and Cellular Biomechanics	2021	Scopus	https://www.techscience.com/mcb/v18n2/42131	
172	Certain Investigations on Melanoma Detection Using Non-Subsampled Bendlet Transform With Different Classifiers	Poovizhi, S., Babu, T.R.G., Praveena, R.	MCB Molecular and Cellular Biomechanics	2021	Scopus	https://www.techscience.com/mcb/v18n4/45321	



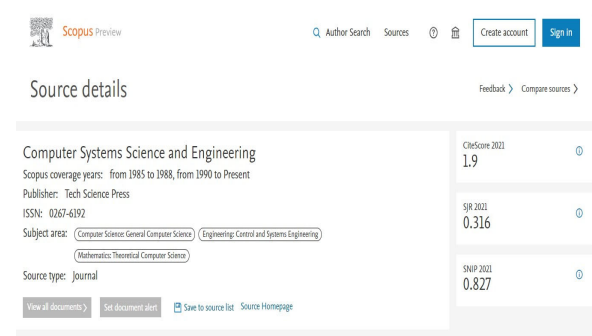
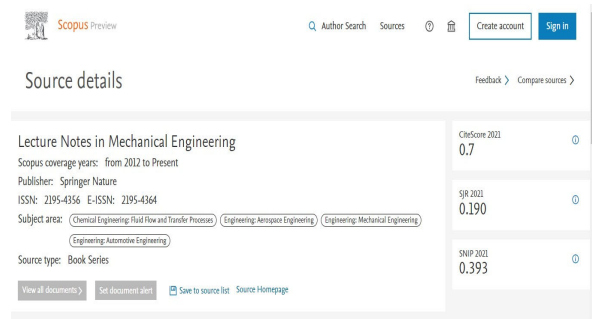
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173	Cervical Diseases Prediction using LHVR Techniques	Rajasekaran, P., Jaganathan, P., Annadurai, A.	Computer Systems Science and Engineering	2021	Scopus/Web of Science	https://www.techscience.com/csse/v36n3/41261	
174	Modeling, Optimization and Corrosion Analysis of FS Welded LM25-SiC MMCs	Venugopal, P., Natarajan, N.	Lecture Notes in Mechanical Engineering	2021	Scopus	https://link.springer.com/chapter/10.1007/978-981-15-9809-8_63	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
175	Experimental Comparative Study of Banana Fiber Composite With Glass Fiber Composite Material using Taguchi Method	Sampath, B., Naveenkumar, N., Sampathkumar, P., Silambarasan, P., Venkadesh, A., Sakthivel, M.	Materials Today: Proceedings	2021	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321050914	
176	Investigation of Drying Kinetics and Qualities of Turkey Berry in Fluidized Bed Dryer	Barathiraja, R., Thirumal, P., Thirumalaikumarasamy, D., Kajavali, A., Ashokkumar, M., Thiyagaraj, J.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2021.02.217	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
177	Optimization of Aser Parameters and Simple Geometry using Pca-coupled grg	Ganesan, S.K., Rajasekaran, T.	Strojniski Vestnik/Journal of Mechanical Engineering	2021	Scopus/Web of Science	https://www.svjme.eu/article/optimisation-of-laser-parameters-and-dimple-geometry-using-pca-coupled-grg/	
178	Comparison of Detection and Classification of Hard Exudates using Artificial Neural System vs. SVM Radial Basis Function in Diabetic Retinopathy	Sudha, V., Ganesh Babu, T.R., Vikram, N., Raja, R.	MCB Molecular and Cellular Biomechanics	2021	Scopus	doi:10.32604/mcb.2021.016056	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
179	An Investigation on Gas Emission Concentration and Relative Emission Rate of the Near-dry Wire-Cut Electrical Discharge Machining Process	Boopathi, S.	Environmental Science and Pollution Research	2021	Scopus/Web of Science	https://pubmed.ncbi.nlm.nih.gov/34837614/	
180	Electrochemical Micromachining of Copper Alloy through Hot Air Assisted Electrolyte Approach	Soundarrajan, M., Thanigaivelan, R.	Russian Journal of Electrochemistry	2021	Scopus/Web of Science	https://doi.org/10.1134/S1023193521020117	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
181	Comparison of Electrochemical Micromachining Performance using TOPSIS, VIKOR and GRA for Magnetic field and UV rays Heated Electrolyte	Saravanan, K.G., Thanigaivelan, R., Soundararajan, M.	Bulletin of the Polish Academy of Sciences: Technical Sciences	2021	Scopus/Web of Science	https://journals.pan.pl/dlibra/show-content?id=120736	
182	An Automatic Procedure for Crop Mapping using Agricultural Monitoring	Vijayalakshmi, R., Thangamani, M., Ganthimathi, M., Ranjitha, M., Malarkodi, P.	Journal of Physics: Conference Series	2021	Scopus	https://iopscience.iop.org/article/10.1088/1742-6596/1950/1/012053/pdf	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
183	A Systematic Survey of Cognitive Chatbots in Personalized Learning Framework	Ashok, M., Ramasamy, K., Snehitha, G., Keerthi, S.R.	2021 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2021	2021	Scopus	https://ieeexplore.ieee.org/document/9419403	
184	Wide-area Measurement Systems and Phasor Measurement Units	Maheswari, M., Suthanthira Vanitha, N., Loganathan, N.	Power Systems	2021	Scopus	https://link.springer.com/book/10.1007/978-3-030-54275-7?noAccess=true	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
185	Walsh Scalar Miyaguchi Preneel Cryptography for Secure Image Compression and Storage in WANET	Vidhya, V., Madheswaran, M.	IETE Journal of Research	2021	Scopus/Web of Science	https://www.tandfonline.com/doi/abs/10.1080/03772063.2021.1950053	
186	Investigation on Effect of Industrial Waste on Tribological Properties of Polymer Composites	Raja, V.L., Muralidharan, K., Lakshman Kumar, S., Shanmugavel, K.	Lecture Notes in Mechanical Engineering	2021	Scopus	https://link.springer.com/chapter/10.1007/978-981-15-7557-0_58	



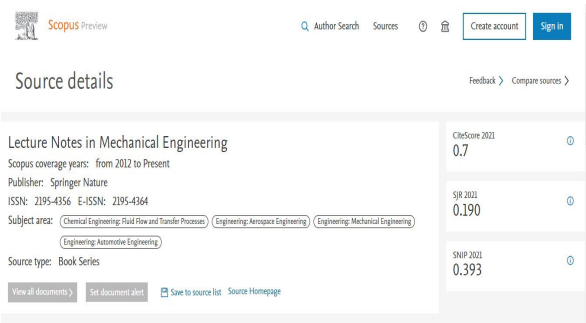
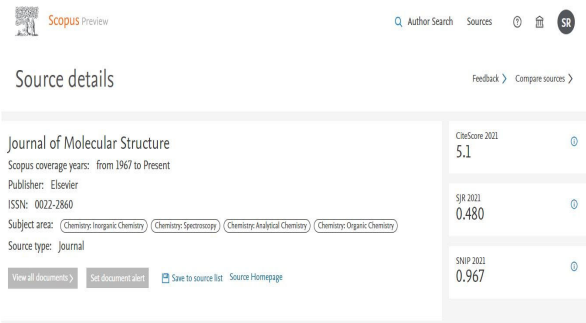
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
187	Investigation on Electrochemical Micromachining (EMM) of AA-MMC Using Acidified Sodium Nitrate Electrolyte	Soundarrajan, M., Thanigaivelan, R., Maniraj, S.	Lecture Notes in Mechanical Engineering	2021	Scopus	https://www.researchgate.net/publication/346013835_Investigation_on_Electrochemical_Micromachining_EMM_of_AA-MMC_Using_Acidified_Sodium_Nitrate_Electrolyte	
188	Rare Earth metals (Ce and Nd) Induced Modifications on Structural, Morphological, and Photoluminescence Properties of CuO Nanoparticles and Antibacterial Application	Gopalakrishnan, R., Ashokkumar, M.	Journal of Molecular Structure	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S002286021013375	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
189	Ensemble Based Temporal Weighting and Pareto Ranking (ETP) Model for Effective Root Cause Analysis	Seerangan, N.K., Vijayaragavan Shanmugam, S.	Computers, Materials and Continua	2021	Scopus/Web of Science	https://www.proquest.com/docview/2547167361	
190	Optimized Web Service Composition Using Evolutionary Computation Techniques	Subbulakshmi, S., Ramar, K., Saji, A.E., Chandran, G.	Lecture Notes on Data Engineering and Communications Technologies	2021	Scopus	https://link.springer.com/chapter/10.1007%2F978-981-15-9509-7_38	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
191	Experimental Investigations on Eco-friendly Helium-Mist Near-dry Wire-cut Edm of m2-hss Material	Sampath, B., Sureshkumar, M., Yuvaraj, T., Velmurugan, D.	Materials Research Proceedings	2021	Scopus	https://www.mrforum.com/product/9781644901618-22/	
192	Performance Analysis and Throughput Enhancement of the STET Technique for WLAN IEEE 802.11	Vanitha, M., Kirubakaran, J., Radhika, K.	Computer Systems Science and Engineering	2021	Scopus	https://www.techscience.com/css e/v40n2/44466	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
193	Identifying a Suitable Micro-fin Material for Natural Convective Heat Transfer using Multi-criteria Decision Analysis Methods	Deepa, D., Thanigaivelan, R., Venkateshwaran, M.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2020.08.480	
194	A Tuned Classification Approach for Efficient Heterogeneous Fault Diagnosis in IoT-enabled WSN Applications	Lavanya, S., Prasanth, A., Jayachitra, S., Shenbagarajan, A.	Measurement: Journal of the International Measurement Confederation	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S026322413224121007260	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
195	Size and Phase Purity-Dependent Microstructural and Magnetic Properties of Spinel Ferrite Nanoparticles	Chitra, P., Kumar, E.R., Pushpagiri, T., Steeph, A.	Journal of Superconductivity and Novel Magnetism	2021	Scopus	https://link.springer.com/article/10.1007/s10948-021-05831-z	
196	Automated Hand-Drawn Sketches Retrieval and Recognition using Regularized Particle Swarm Optimization Based Deep Convolutional Neural Network	Thangakrishnan, M.S., Ramar, K.	Journal of Ambient Intelligence and Humanized Computing	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12652-020-02248-9	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
197	Experimental Comparison of Near-dry and Cryogenically Cooled Near-dry Machining in Wire-cut Electrical Discharge Machining Processes	Myilsamy, S., Sampath, B.	Surface Topography: Metrology and Properties	2021	Scopus/Web of Science	https://iopscience.iop.org/article/10.1088/2051-672X/ac15e0/meta	
198	Influences of Welding Parameters on Friction Stir Welding of Aluminum and Magnesium: A Review	Sampath, B., Haribalaji, V.	Materials Research Proceedings	2021	Scopus	https://www.researchgate.net/publication/353944785_Influences_of_Welding_Parameters_on_Friction_Stir_Welding_of_Aluminum_and_Magnesium_A_Review	



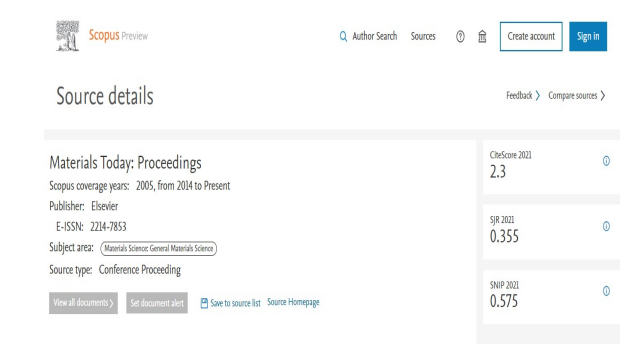
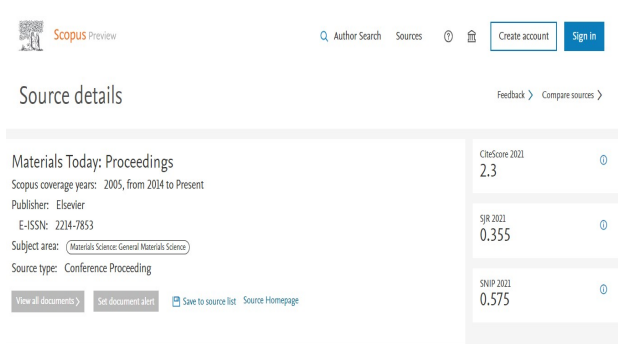
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
199	Material Removal Rate and Surface Roughness Study on Near-dry wire Electrical Discharge Machining Process	Boopathi, S., Myilsamy, S.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2021.02.267	
200	A Study on Cryogenically Treated Molybdenum Wire Electrode	Myilsamy, S., Boopathi, S., Yuvaraj, D.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2021.02.049	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
201	Experimental Investigation of A Cryogenically Cooled Oxygen-Mist Near-Dry Wire-Cut Electrical Discharge Machining Process	Sampath, B., Myilsamy, S.	Strojniski Vestnik/Journal of Mechanical Engineering	2021	Scopus/Web of Science	https://www.researchgate.net/publication/352794264_Experimental_Investigation_of_a_Cryogenically_Cooled_Oxygen-mist_Near-dry_Wire-cut_Electrical_Discharge_Machining_Process	
202	Investigation On Mechanical And Tribological Characteristics Cu/Si3N4 Surface Composite Developed Through Friction Stir Processing	Sudhagar, S., Gopal, P.M.	Silicon	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12633-021-01206-0	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
203	A Convolutional Neural Network Classifier Vgg-19 Architecture For Lesion Detection And Grading In Diabetic Retinopathy Based On Deep Learning	Sudha, V., Ganeshbabu, T.R.	Computers, Materials and Continua	2021	Scopus/Web of Science	https://www.techscience.com/cmc/v66n1/40483	
204	Adaptive Supervised Multi-Resolution Approachâ Based Modeling of Performance Improvement In Satellite Image Classification	Saraswathi, S., Madheswaran, M.	Journal of Ambient Intelligence and Humanized Computing	2021	Scopus	https://link.springer.com/article/10.1007/s12652-020-02251-0	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
205	Thermal Analysis And Kinetic Study of Indian Almond Leaf By Model-Free Methods	Joseph, D., Jesuretnam, B.R., Ramar, K.	Journal of Natural Fibers	2021	Scopus/Web of Science	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1889442	
206	Exudate Characterization To Diagnose Diabetic Retinopathy Using Generalized Method	Valarmathi, R., Saravanan, S.	Journal of Ambient Intelligence and Humanized Computing	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12652-019-01617-3	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
207	Forecasting Using Deep Learning Approaches	Vijayalakshmi, B., Kaliappan, M., Ramar, K., Vijayalakshmi, K., Vimal, S.	EAI/Springer Innovations in Communication and Computing	2021	Scopus	https://link.springer.com/chapter/10.1007/978-3-030-76167-7_11	
208	The Influence Of Human Hair On Kenaf And Grewia Fiber-Based Hybrid Natural Composite Material: An Experimental Study	Boopathi, S., Balasubramani, V., Kumar, R.S., Singh, G.R.	Functional Composites and Structures	2021	Scopus/Web of Science	https://iopscience.iop.org/article/10.1088/2631-6331/ac3afc	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
209	Fusion-Based Biometric Identification Using Palmprint Images	Vidhya, K., Ganesh Babu, T.R.	Lecture Notes in Networks and Systems	2021	Scopus	https://link.springer.com/chapter/10.1007/978-981-33-4687-1_13	
210	Analysis of Process Parameters of Electrochemical Micromachining By Using Response Surface Methodology	Maniraj, S., Thanigaivelan, R., Kannan, R., Babu, N.R., Ramesh, N., Raja, P.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2020.10.841	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
211	Prediction of Wear Characteristics of Polymer Composites By Ann Modified By Ga	Raja, V.L., Muralidharan, K., Dhanasekaran, R.	Lecture Notes in Mechanical Engineering	2021	Scopus	https://link.springer.com/chapter/10.1007/978-981-15-7557-0_21	
212	Oscillation Criteria For Solution Of Hyperbolic Delay Dynamic Equations With Time And Spatial Variables On Arbitrary Time Scales	Ramesh, R., Harikrishnan, S., Prakash, P.	Journal of Applied Mathematics and Computing	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12190-020-01478-6	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
213	Forced Oscillation of A Certain System of Fractional Partial Differential Equations	Ramesh, R., Prakash, P., Harikrishnan, S.	Journal of Applied Nonlinear Dynamics	2021	Scopus	dx.doi.org/10.7153/fdc-2017-07-15	
214	Enhancement of Material Removal Rate In Edm Process Using Silicon Carbide Based Strenx 900 Steel	Marichamy, S., Maniraj, S., Thanigaivelan, R., Kumaravel, S.T., Babu, K.V., Mallesham, P.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2214785320315960	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
215	Minimization of Delamination, Surface Roughness And Thrust Force In Drilling of Al ₂ O ₃ Ceramic Particle Filled Cfrp Composites	Srinivasan, M., Ramesh, S., Sundaram, S., Viswanathan, R.	Journal of Ceramic Processing Research	2021	Scopus/Web of Science	https://www.kci.go.kr/kciportal/ci/sereArticleSearch/ciSereArticleSearchBean.artId=ART002729219	
216	An Enhanced Energy Efficient Lightweight Cryptography Method For Various Iot Devices	P., P., M., M., K.P., S., Sayeed, M.S.	ICT Express	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2405959521000400	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
217	Echo State Learned Compositional Pattern Neural Networks For The Early Diagnosis of Cancer On The Internet of Medical Things Platform	Kirubakaran, J., Venkatesan, G.K.D.P., Sampath Kumar, K., Kumaresan, M., Annamalai, S.	Journal of Ambient Intelligence and Humanized Computing	2021	Scopus/Web of Science	https://www.researchgate.net/publication/342371476_Echo_state_learned_compositional_pattern_neural_networks_for_the_early_diagnosis_of_cancer_on_the_internet_of_medical_things_platform	
218	Tensile And Flexural Behaviour of Basalt Composites With Silicon Carbide Fillers	Pithalis, N.E.G., Raj, J.B., Sathish, S.	Silicon	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12633-021-00978-9#:~:text=The%20dispersion%20of%20silicon%20carbide,%25%20silicon%20carbide%20filler	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
219	Optimization of Edm Machining of High Carbon High Chromium Steel Using Zirconium And Nickel Powder Mixed Dielectric By Grey Relational Analysis	Ramesh, S., Vijayakumar, N., Viswanathan, R., Saravanan, S.	Lecture Notes in Mechanical Engineering	2021	Scopus	https://link.springer.com/chapter/10.1007/978-981-16-2086-7_14	
220	Experimental Investigation On The Mechanical And Moisture Absorption Behavior Of Indian Almond-Veli Karuvelam Hybrid Composites	Krishnapillai, S., Balasubramanian, K., Jesuretnam, B.R.	Journal of Natural Fibers	2021	Scopus	https://doi.org/10.1080/15440478.2021.1966571	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
221	Investigation of Dry Sliding Wear Behavior of Al 7075-(SiC/TiC) Hybrid Metal Matrix Composites	Gukendran, R., Sambathkumar, M., Sasikumar, K.S.K., Ponappa, K., Gopal, S.	Surface Review and Letters	2021	Scopus/Web of Science	https://doi.org/10.1142/S0218625X21500657	
222	Evaluation of Hydroxyapatite-And Zinc-Coated Ti-6Al-4V Surface For Biomedical Application Using Electrochemical Process	Kumar, R., Thanigaivelan, R., Rajanikant, G.K., Jagadeesha, T., Das, J.	Journal of the Australian Ceramic Society	2021	Scopus/Web of Science	https://doi.org/10.1007/s41779-020-00517-6	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
223	Lightweight Image Encryption: A Chaotic Arx Block Cipher	Mohananthini, N., Mohamed Parvees, M.Y., Abdul Samath, J.	Journal of Circuits, Systems and Computers	2021	Scopus/Web of Science	https://www.worldscientific.com/doi/pdf/10.1142/S0218126621500262	
224	Experimental Investigation of Mrr And Roc In Aluminium Metal Matrix Composites	Maniraj, S., Thanigaivelan, R., Viswanathan, R., Elumalai, P.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://doi.org/10.1016/j.matpr.2020.03.190	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
225	Infant Health Monitoring And Security System Using Iot	Kalaiyarasi, M., Kaushik, S., Saravanan, R.	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	2021	Scopus	https://ieeexplore.ieee.org/document/9587930	
226	Wavelet Neural Learning-Based Type-2 Fuzzy Pid Controller For Speed Regulation In Blde Motor	Karupppannan, A., Muthusamy, M.	Neural Computing and Applications	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s00521-021-05971-2	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
227	Optimization of Turning Parameters of Cryogenic Soaked Az91 Magnesium Alloy Using Topsis Coupled Taguchi Technique	Gunasekaran, K., Pradeep Kumar, G., Thanigaivelan, R., Arunachalam, R., Shanmugam, V.	Journal of New Materials for Electrochemical Systems	2021	Scopus/Web of Science	https://doi.org/10.14447/jnmes.v24i1.a09	
228	Experimental Studies To Improve The Performance, Emission And Combustion Characteristics Of Wheat Germ Oil Fuelled Ci Engine Using Bioethanol Injection In Pcci Mode	Nibin, M., Raj, J.B., Geo, V.E.	Fuel	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S001623612032192X	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
229	Localization And Segmentation of Metal Cracks Using Deep Learning	Aslam, Y., Santhi, N., Ramasamy, N., Ramar, K.	Journal of Ambient Intelligence and Humanized Computing	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12652-020-01803-8	
230	Near-Dry Wire-Cut Electrical Discharge Machining Process Using Water-Air-Mist Dielectric Fluid: An Experimental Study	Boopathi, S., Lewis, K.A.S., Subbiah, R., Sivaraman, G.	Materials Today: Proceedings	2021	Scopus	https://doi.org/10.1016/j.matpr.2021.08.077	



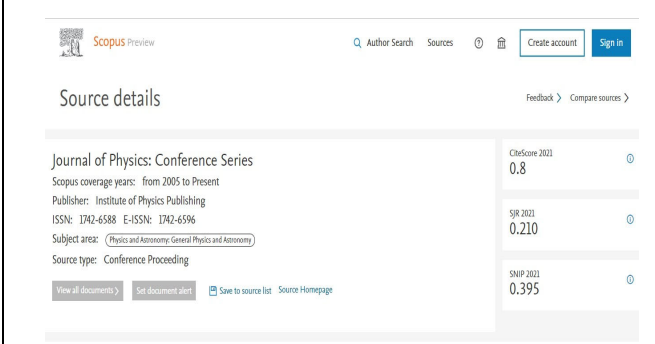
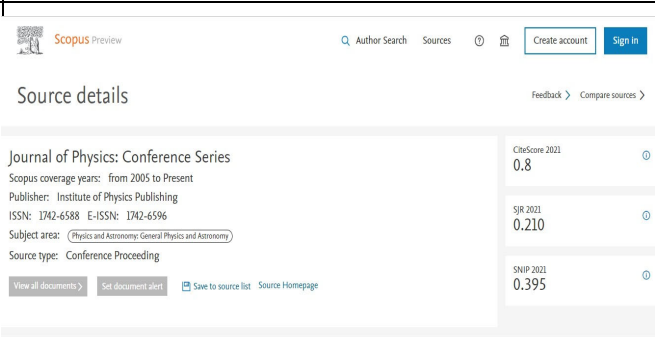
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
231	Effective Parametric Image Sequencing Technology With Aggregate Space Profound Training	Rajeshkannan, S., Mishra, S., Ganesh Babu, T.R., Mohankumar, N.	Journal of Physics: Conference Series	2021	Scopus	https://ui.adsabs.harvard.edu/abs/2021JPhCS1964f2070R/abstract	
232	Vlsi Based Implementation of Channel Oriented Ica Processor For Biomedical Systems	Mishra, S., Rajeshkannan, S., Mohankumar, N., Ganesh Babu, T.R.	Journal of Physics: Conference Series	2021	Scopus	https://www.proquest.com/openview/72fb0dd367e3cbd7fa275d1d7e5f9959/1?pq-origsite=gscholar&cbl=4998668	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
233	An Intelligent Hybrid Interfacing Converter of Fuel Cell Powered Telecom Loads For Efficient Power Conversion	Muthusamy, K., Muthusamy, M., Kaur, R., Krishnasamy, V.	Computers and Electrical Engineering	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S0045790620307886	
234	Via'S Based Parametric Analysis of Siw Antenna For Multiband Performance	Sirigineedi, A., Bhoopalan, S., Raveendra, M., Saravanakumar, U., Babu, T.S.	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	2021	Scopus	https://ieeexplore.ieee.org/document/9532942	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
235	Experimental Investigation On Thermal And Transport Properties of Indian Almond-Kenaf Hybrid Composites For Construction Applications	Muthukrishnan, S., Iyappalam Ramakrishnan, R., Chelliah, R., Krishnaswamy, H., Jesuretnam, B.R., Ramar, K.	Journal of Natural Fibers	2021	Scopus	https://doi.org/10.1080/15440478.2021.1889440	
236	Further Results On Input-To-State Stability of Stochastic Cohen-Grossberg Bam Neural Networks With Probabilistic Time-Varying Delays	Chandrasekar, A., Radhika, T., Zhu, Q.	Neural Processing Letters	2021	Scopus	https://link.springer.com/article/10.1007/s11063-021-10649-w?utm_source=xmol&utm_medium=affiliate&utm_content=meta&utm_campaign=DDC N_1_GL01_metadata	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
237	State Estimation For Genetic Regulatory Networks With Two Delay Components By Using Second-Order Reciprocally Convex Approach	Chandrasekar, A., Radhika, T., Zhu, Q.	Neural Processing Letters	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s11063-021-10633-4	
238	Improved Performance On Seizure Detection In An Automated Electroencephalogram Signal Under Evolution By Extracting Entropy Feature	Munirathinam, R., Ponnann, S., Chakraborty, C., Umathurai, S.	Multimedia Tools and Applications	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s11042-021-11069-7	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
239	High Temperature Stable Conjugated Polyazomethines Containing Naphthalene Moiety: Synthesis, Characterization, Optical, Electrical And Thermal Properties	Sengottuvelu, D., Athianna, M., Siddeswaran, A.	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S1386142520309689	
240	Structural And Electrochemical Investigation Of Novel Hybridized Mno2/V2O5 Nanocomposites Prepared By One-Step Microwave-Assisted Method For Electrochemical Supercapacitor Application	Latha, K., Anbuselvi, S., Periasamy, P., Sudha, R., Velmurugan, D.	Journal of Materials Science: Materials in Electronics	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s10854-021-06814-5	



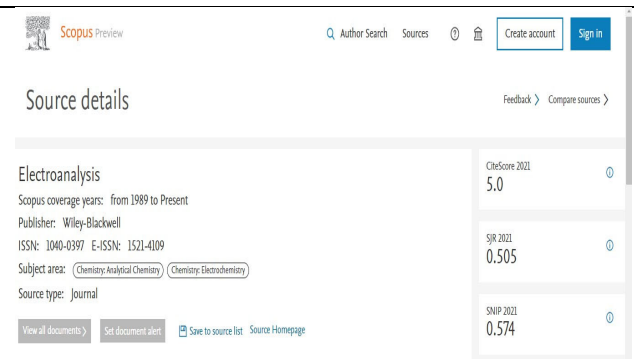
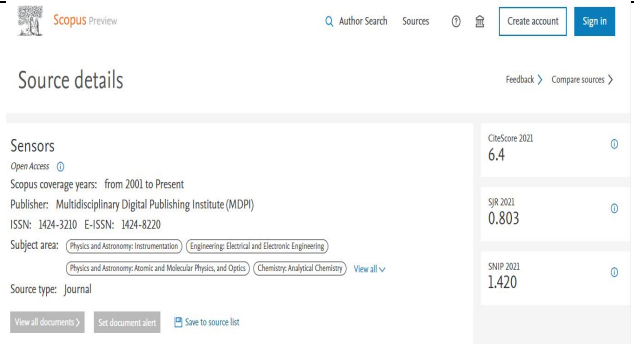
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241	Electrochemically Deposited Porous Graphene-Polypyrrole-Polyphe nol Oxidase For Dopamine Biosensor	Ramu, P., Vimal, S.P., Suresh, P., Saravanakumar, U., Sethuraman, V., Anandhavelu, S.	Electroanalysis	2021	Scopus	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/elan.202060400	
242	Collision Aware Routing Using Multi Objective Seagull Optimization Algorithm For Wsn Based Iot	Jagannathan, P., Gurumoorthy, S., Stateczny, A., Divakarachar, P.B., Sengupta, J.	Sensors	2021	Scopus	https://doi.org/10.3390/s21248496	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
243	Frequency Control of Pv-Connected Micro Grid System Using Fuzzy Logic Controller	Rajesh, T., Gunapriya, B., Sabarimuthu, M., Karthikkumar, S., Raja, R., Karthik, M.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://scholar.google.co.in/scolar?q=10.1016/j.matpr.2020.10.255&hl=en&as_sdt=0&as_vis=1&oi=scholar	
244	A Design Space Exploration of Vlsi Extreme Machine Learning	Gopi, B., Arulkumaran, G., Parameshwaran, R., Khan, V.	Journal of Physics: Conference Series	2021	Scopus	https://www.proquest.com/openview/883d435568c2aba4c79e7a75fd4ef52a/1?pq-origsite=gscholar&cbl=4998668	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
245	Implementation of Deep Neural Network Using Vlsi By Integral Stochastic Computation	Khan, V., Parameshwaran, R., Arulkumaran, G., Gopi, B.	Journal of Physics: Conference Series	2021	Scopus	https://www.proquest.com/openview/15f8202e4e080a0d71aa23df1d45d157/1?pq-origsite=gscholar&cbl=4998668	
246	Microwave-Assisted Hybridised Wo3/V2O5 Rod Shape Nanocomposites For Electrochemical Supercapacitor Applications	Latha, K., Anbuselvi, S., Periasamy, P., Sudha, R., Velmurugan, D.	Inorganic Chemistry Communications	2021	Scopus	https://doi.org/10.1016/j.inoche.2021.108927	



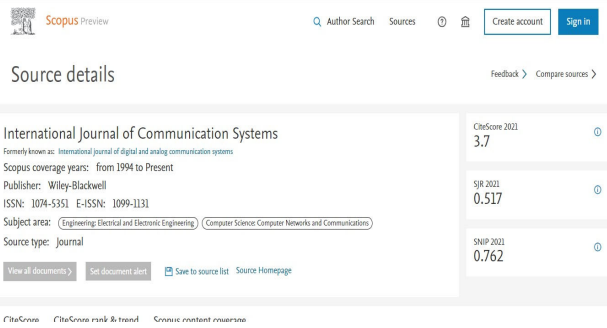
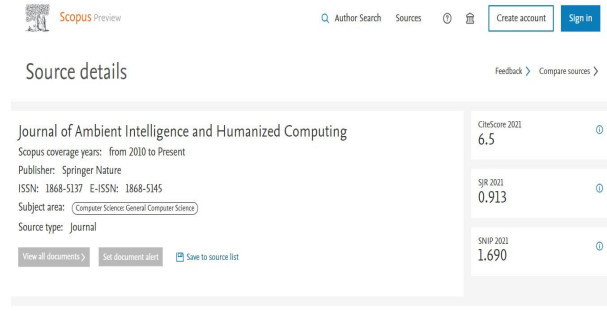
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
247	An Attention-Based Deep Learning Model For Traffic Flow Prediction Using Spatiotemporal Features Towards Sustainable Smart City	Vijayalakshmi, B., Ramar, K., Jhanjhi, N.Z., Verma, S., Kaliappan, M., Vijayalakshmi, K., Vimal, S., Kavita, Ghosh, U.	International Journal of Communication Systems	2021	Scopus/Web of Science	https://doi.org/10.1002/dac.4609	
248	Different Loading Condition And Angle Measurement of Human Lumbar Spine Mri Image Using Ansys	Punarselvam, E., Sikkandar, M.Y., Bakouri, M., Prakash, N.B., Jayasankar, T., Sudhakar, S.	Journal of Ambient Intelligence and Humanized Computing	2021	Scopus/Web of Science	https://link.springer.com/article/10.1007/s12652-020-01939-7	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
249	Characterization Of Jute Fibre-Epoxy Reinforced Composites	Gopinath, P., Murugesan, P., Manjula Devi, R., Venkatesan, M., Sudha, K., Kannan, J.C., Keerthika, P.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://www.researchgate.net/publication/351953421_Characterization_of_jute_fibre-epoxy_reinforced_composites	
250	Development Of Mlp-Ann Model To Predict The Nusselt Number Of Plain Swirl Tapes Fixed In A Counter Flow Heat Exchanger	Manjula Devi, R., Murugesan, P., Venkatesan, M., Keerthika, P., Sudha, K., Kannan, J.C., Suresh, P.	Materials Today: Proceedings	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/pii/S2214785321033538	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
251	Satellite Image Classification Using A Hierarchical Ensemble Learning And Correlation Coefficient-Based Gravitational Search Algorithm	Thiagarajan, K., Anandan, M.M., Stateczny, A., Divakarachari, P.B., Lingappa, H.K.	Remote Sensing	2021	Scopus/Web of Science	https://www.mdpi.com/2072-4292/13/21/4351	
252	Low Area Present Cryptography In Fpga Using Trng-Prng Key Generation	Kowsalya, T., Ganesh Babu, R., Parameshachari, B.D., Nayyar, A., Mehmood, R.M.	Computers, Materials and Continua	2021	Scopus/Web of Science	https://www.techscience.com/cmc/v68n2/42143	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
253	Growth, Spectral, Laser Damage And Hirshfeld Surface Studies On Configurationally Locked 2-(3-(4-Hydroxystyryl)-5,5-Dimethylcyclohex-2-Enylidene) Malononitrile (Oh1) Single Crystal- A Potential Terahertz Emitter	Karthick, S., Santha, A., Ganesh, D., Thirupugalmari, K., Ganesamoorthy, S., Chaudhary, A.K., Brahadeeswaran, S.	Journal of Molecular Structure	2021	Scopus/Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S002286020313880	
254	Field-Programmable Gate Arrays In A Low Power Vision System	Suresh, P., Saravanakumar, U., Iwendi, C., Mohan, S., Srivastava, G.	Computers and Electrical Engineering	2021	Scopus/Web of Science	http://dx.doi.org/10.1016/j.cmp.eleceng.2021.106996	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
255	Moving Vehicle Detection And Classification Using Gaussian Mixture Model And Ensemble Deep Learning Technique	Jagannathan, Preetha; Rajkumar, Sujatha; Frnda, Jaroslav; Divakarachari, Parameshachari Bidare; Subramani, Prabu	Wireless Communications and Mobile Computing	2021	Scopus/Web of Science	https://downloads.hindawi.com/journals/wcmc/2021/5590894.pdf	
256	Nanotechnology-Based Sensitive Biosensors For Covid-19 Prediction Using Fuzzy Logic Control	Maneshwari, Vikas; Mahmood, Md Rashid; Sravanthi, Sumukham; Arivazhagan, N.; ParimalaGandhi, A.; Srihari, K.; Sagayaraj, R.; Udayakumar, E.; Natarajan, Yuvaraj; Bachanna	Journal of Nanomaterials	2021	Scopus/Web of Science	https://www.hindawi.com/journals/jnm/2021/3383146/	




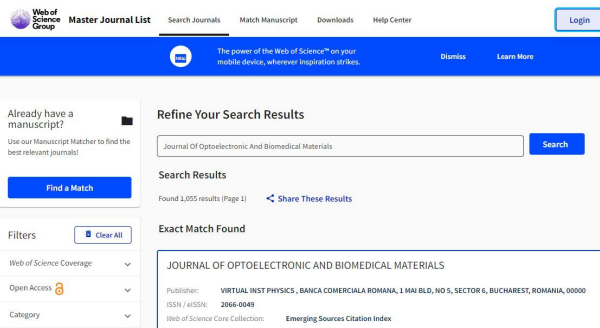
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
257	An Improved Secure Enabled Information Sharing On Hybrid Cloud	Sharmila, V; Poonguzhali, S.; Srivani, M.; Raghul, P.; Vennila, V.; Preetha, J.	Revista Geintec-Gestao Inovacao E Tecnologias	2021	Web of Science	https://www.researchgate.net/publication/352158344_An_Improved_Secure_Enabled_Information_Sharing_on_Hybrid_Cloud	
258	Studying The Biomechanical Effects of Zirconia Implant Geometry And Bone Quality On The Bone-Implant Interface Using Finite Element Analysis	Velmurugan, D.; Pridhar, T.; Yuyaraj, T.; Srinivasan, R.; Babu, B. Suresh	Journal Of Optoelectronic And Biomedical Materials	2021	Web of Science	https://chalcogen.ro/67_VelmuruganD.pdf	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
259	Adaptive Supervised Multi-Resolution Approach Based Modeling of Performance Improvement In Satellite Image Classification	Saraswathi, S.; Madheswaran, M.	Journal Of Ambient Intelligence And Humanized Computing	2021	Web of Science	https://link.springer.com/article/10.1007/s12652-020-02251-0	
260	Size And Phase Purity-Dependent Microstructural And Magnetic Properties of Spinel Ferrite Nanoparticles	Chitra, P.; Kumar, E. Ranjith; Pushpagiri, T.; Steephen, Ananth	Journal Of Superconductivity And Novel Magnetism	2021	Web of Science	https://www.researchgate.net/publication/349425717_Size_and_Phase_Purity-Dependent_Microstructural_and_Magnetic_Properties_of_Spinel_Ferrite_Nanoparticles	



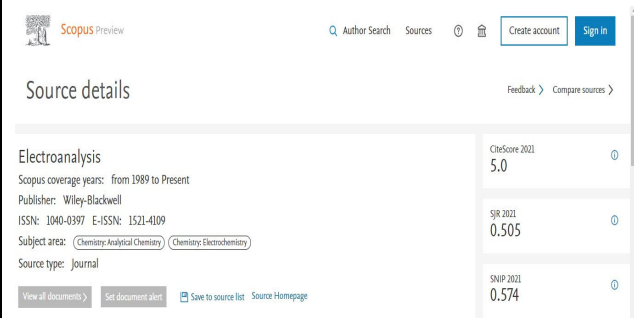
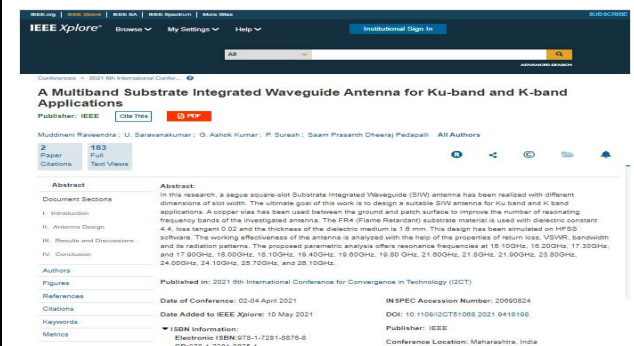
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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
261	Electrochemically Deposited Porous Graphene-Polypyrrole-Polyphenol Oxidase For Dopamine Biosensor	Ramu, P.; Vimal, S. P.; Suresh, P.; Saravanakumar, U.; Sethuraman, V.; Anandhavelu, S.	Electroanalysis	2021	Web of Science	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/elan.202060400	
262	A Multiband Substrate Integrated Waveguide Antenna For Ku-Band And K-Band Applications	Raveendra, Muddineni; Saravanakumar, U.; Kumar, G. Ashok; Suresh, P.; Pedapalli, Saam Prasanth Dheeraj	2021 6Th International Conference For Convergence In Technology (I2CT)	2021	Web of Science	https://ieeexplore.ieee.org/document/9418198	



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263	Collision-Aware Routing Using Multi-Objective Seagull Optimization Algorithm For Wsn-Based Iot	Jagannathan, Preetha; Gurumoorthy, Sasikumar; Stateczny, Andrzej; Divakarachar, Parameshachari Bidare; Sengupta, Jewel	Sensors	2021	Web of Science	https://www.mdpi.com/1424-8220/21/24/8496	
264	Microwave-Assisted Hybridised Wo3/V(2)O5 Rod Shape Nanocomposites For Electrochemical Supercapacitor Applications	Latha, K.; Anbuselvi, S.; Periasamy, P.; Sudha, R.; Velmurugan, D.	Inorganic Chemistry Communications	2021	Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S1387700321004822	



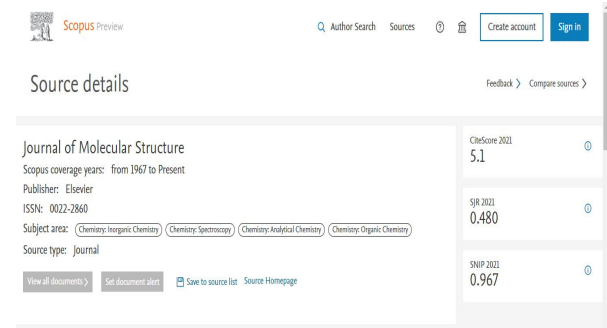
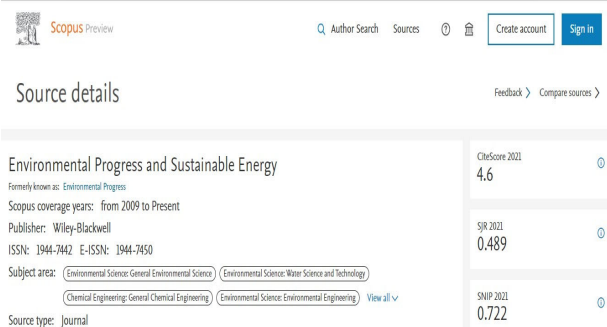
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265	Annealing Temperature Enhanced Visible Absorption And Magnetic Properties of (Cu, Cr) Co-Doped ZnO Diluted Magnetic Semiconductors	Kabilan, R.; Ashokkumar, M.	Journal Of Molecular Structure	2021	Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S002286021016641	
266	An Intelligent Novel Approach For Diesel Engine Life Monitoring Using Infrared Image Processing Technic	Baranitharan, P.; Kumanan, S.; Sudhagar, S.	Environmental Progress & Sustainable Energy	2021	Web of Science	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13712	



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267	Further Results On Input-To-State Stability of Stochastic Cohen-Grossberg Bam Neural Networks With Probabilistic Time-Varying Delays	Chandrasekar, A.; Radhika, T.; Zhu, Quanxin	Neural Processing Letters	2021	Web of Science	https://link.springer.com/article/10.1007/s11063-021-10649-w?utm_source=xmol&utm_medium=affiliate&utm_content=meta&utm_campaign=DDC_N_1_GL01_metadata	
268	Synthesis, Characterization, Electrical And Thermal Properties of Hydrazone Polymers Derived From 2,4-Dinitro Phenyl Hydrazine	Anand, Siddeswaran; Muthusamy, Athianna; Dineshkumar, Sengottuvelu	Journal Of Molecular Structure	2021	Web of Science	https://www.sciencedirect.com/science/article/abs/pii/S002286021016306	



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3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
269	Experimental Investigation On Mechanical And Biodegradation Properties of Indian Almond-Kenaf Fiber-Reinforced Hybrid Composites For Construction Applications	Nampoothiri, E. Narayanan; Raj, J. Bensam; Thanigaivelan, R.; Karuppasamy, R.	Journal Of Natural Fibers	2021	Web of Science	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1739592?journalCode=wjnf20	
270	Effect of Stacking Sequence on Dynamic Mechanical Properties of Indian Almond - Kenaf Fiber Reinforced Hybrid Composites	Jeyaraman, Jayakumar; Jesuretnam, Bensam Raj; Ramar, Karuppasamy	Journal Of Natural Fibers	2021	Web of Science	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1858219?journalCode=wjnf20	



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S.No	Title of the Paper	Name of the Author(s)	Title of the Journal	Year of publication	Citation Index	Link	Screenshot
271	Experimental Investigation On The Mechanical And Moisture Absorption Behavior of Indian Almond - Veli Karuvelam Hybrid Composites	Krishnapillai, Suderson; Balasubramanian, Kumaragurubaran; Jesuretnam, Bensam Raj	Journal Of Natural Fibers	2021	Web of Science	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1966571	
272	Experimental Investigation On Thermal And Transport Properties of Indian Almond – Kenaf Hybrid Composites For Construction Applications	Muthukrishnan, Sivaprakash; Iyappalam Ramakrishnan, Ramkumar; Chelliah, Rajalingam; Krishnaswamy, Haribabu; Jesuretnam, Bensam Raj; Ramar, Karuppasamy	Journal Of Natural Fibers	2021	Web of Science	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1889440?tab=permissions&scroll=top&	