

| S.No | J4.3 Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years | Name of the author/s | Department of the teacher | Name of journal | Year of publication | ISSN number | Link to the recognition in UGC e-list of the Journal | Link to article/abstract of the article | Is it listed in UGC Care list |
|------|---|--|--|--|---------------------|-------------|---|---|-------------------------------------|
| 1 | Optimizing Relay Chain Efficiency: Integrating Deep Learning and Blockchain Technologies | Shanmugapriya, E. R. (1987071600); Sreetha, S. (1721315240); Jaisan, N. (1989168000); Sreetha, R. (1985627400); Padmanabhan, K. (1989242800) | Artificial Intelligence and Data Science | Proceedings - 1st International Conference on Intelligent Technologies for Sustainable Electric and Communication Systems, (Tech SECUM 2023) | 2023 | CUN PAPER | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 2 | Detection of Colored Polymers from Cosmology Using Machine Learning: A Survey on Modern Techniques | H.Karavali, Khalid (1748325200); Ramas, Vallappan (2292309720); Then, Parick (2449259000); Chua, Cadon (2492593000) | Artificial Intelligence and Data Science | Reviews | 2023 | 14184230 | https://www.mdpi.com/1424-6460/13/1/125 | https://www.mdpi.com/1424-6460/13/1/125 | YES (UGC CARE Group B-SCOPUS & WoS) |
| 3 | Poly-In-A-Lightweight Transducer With Multi-Scale Attention for Colored Polymer Segmentation | H.Karavali, Khalid (1748325200); Ramas, Vallappan (2292309720); Chua, Cadon (2492593000); Then, Parick (2449259000) | Artificial Intelligence and Data Science | International Conference on Software, Knowledge Information, Industrial Management and Applications, SKIMA (2023) | 2023 | 2370062X | https://www.researchgate.net/publication/36127308_processing | https://www.researchgate.net/publication/36127308_processing | YES (UGC CARE Group B-SCOPUS) |
| 4 | Classification models for breast cancer detection | Yashika B. (1983095000); Sarda, P. (1983095000); Tanna, A. (1983095000); Shree, S. (1983095000) | Artificial Intelligence and Data Science | Artificial Intelligence and Data Science | 2023 | CUN PAPER | https://www.researchgate.net/publication/36127308_processing | https://www.researchgate.net/publication/36127308_processing | YES (UGC CARE Group B-SCOPUS) |
| 5 | Smart Detection of Breast Cancer Using Deep Learning | Yashika B. (1983095000); Sarda, P. (1983095000); Tanna, A. (1983095000); Shree, S. (1983095000) | Artificial Intelligence and Data Science | International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023 | 2023 | 2395-2295 | https://www.researchgate.net/publication/36127308_processing | https://www.researchgate.net/publication/36127308_processing | YES (UGC CARE Group B-SCOPUS) |
| 6 | Meta-Dist Image Encoder: Automatic Categorization of Various Meta-Dist Images in Malaysia using Deep Learning Techniques | Sunari, Parvati (0602519190); Ramas, Vallappan (2292309720); Potharaju (1721144720); Fel, Chai Hung (1981106700); Hong, Kang Hoon (1981106700); Hong, Kang Hoon (1981106700); Song, Kyo-Wei (1981106700); Han, Song (1981106700) | Artificial Intelligence and Data Science | Lecture Notes in Electrical Engineering | 2023 | 18781100 | https://www.researchgate.net/publication/36127308_processing | https://www.researchgate.net/publication/36127308_processing | YES (UGC CARE Group B-SCOPUS) |
| 7 | A Systematic Literature Review on Determining the Effectiveness of Short-Term COVID-19 Prediction Models | Kanani, T. (1721144720); Ramas, Vallappan (2292309720); Thilagavathi, G. (1721144720) | Artificial Intelligence and Data Science | 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023 | 2023 | 2395-2295 | https://www.researchgate.net/publication/36127308_processing | https://www.researchgate.net/publication/36127308_processing | YES (UGC CARE Group B-SCOPUS) |
| 8 | AI-Based Blood Malaria Detection using Behavior Graphs | Prabhavathi, M. (1721144720); Ramas, Vallappan (2292309720); Thilagavathi, G. (1721144720) | Artificial Intelligence and Data Science | 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023 | 2023 | 2395-2295 | https://www.researchgate.net/publication/36127308_processing | https://www.researchgate.net/publication/36127308_processing | YES (UGC CARE Group B-SCOPUS) |
| 9 | Quantized Convolutional Pooling and Softening in solar PV System using Learning Algorithms | Bharath, K. (1985627400); Latha, R. (1720585172); Charan Raja, S. (2405813100); Priya, R. R. Shanmuga (1997056200) | Artificial Intelligence and Data Science | Proceedings - 1st International Conference on Intelligent Technologies for Sustainable Electric and Communication Systems, (Tech SECUM 2023) | 2023 | CUN PAPER | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 10 | Improved Colored Polymers from Cosmology Using Machine Learning: A Survey on Modern Techniques | H.Karavali, Khalid (1748325200); Ramas, Vallappan (2292309720); Then, Parick (2449259000); Chua, Cadon (2492593000) | Artificial Intelligence and Data Science | BEES Access | 2023 | 23195536 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 11 | Artificially Generated Facial Images for Gender Classification Using Deep Learning | Ramas, Vallappan (2292309720); El Karavali, Khalid (1748325200); Then, Parick (2449259000) | Artificial Intelligence and Data Science | Computer Science Science and Engineering | 2023 | 1957-4932 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 12 | Enhancing Intrusion Detection Systems: Utilizing the Power of Hybrid Optimization Approaches | Jeyarajay, V. (1985019000); Kabirah Kumar, R. (1985019000); Sreetha, S. (1985019000); Hanumanth, P. (1985019000) | Artificial Intelligence and Data Science | 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023 | 2023 | 2395-2295 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS) |
| 13 | Data-Free Model Extraction Attacks in the Context of Object Detection | Shah, Harsh (1987611800); Anandhan, G. (1987611800); Kulkarni, Pravin (1987611800); Govindaraj, Venugopal (1987611800); Pappu, Manjunath (1987611800) | Artificial Intelligence and Machine Learning | Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) | 2023 | 0302-9747 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS) |
| 14 | Enhancing Operational Efficiency: Harnessing Machine Algorithms for Scheduling in Cellular Manufacturing | Jeyarajay, V. (1985019000); Sanyal, Krishna, R. (1985128300); Prakash, R. (1987106250); Hanumanth, P. (1985128300) | Artificial Intelligence and Machine Learning | 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023 | 2023 | 2395-2295 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS) |
| 15 | Refining Leadership Practices to Improve Employee Engagement and Retention in Remote Working Environments | Dr. A.G.Sudha | Business Administration | Indian Journal of Natural Sciences | 2023 | 0976-0997 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 16 | Effect of Resonance Phenomena, Harmonic Induction, Hydrogen and nanoparticles in Resonant flow on mass flow rate, pressure, temperature, and chemical characteristics | Vin, Pragy (1720585172); Pruthi, L. (1981362500); Saranya, S.M. (1981362500); Devanand, Subramanyam (1981362500); Aditi, Mohan, S. (1981362500); Anandhan, A. (1981362500); Praveen Kumar, T.R. (1981362500) | Chemical Engineering | Int | 2023 | 1916-2360 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 17 | Hardware Monitoring Method for PSO Based PFC C&K Converter Fed BLDC Motor Drive | Mangayam, Ramasubramanian (1722588470); Madhavan, Thirumangalakudi (2309648000) | Artificial Intelligence and Data Science | AIIP Conference Proceedings | 2023 | 0976-092X | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS) |
| 18 | Anticorrosive Polymerization of hazardous textile industrial wastewater dyes by potential microalgae sp. (Spirulina) | Shah, B. Karanika (1574961200); Pandey, Rajesh (1701664600); Yadav, M. (1722121600); Das, Soni (1982402000); Thirumangalakudi, M. (1982402000) | Chemical Engineering | Business Communication and Biography | 2023 | 21908815 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 19 | Biodegradable Bio-Polymers: Metal Oxide Nanoparticles (AgNPs) for the Effective Removal of Azo Dyes, PCBs, and BPA from Contaminated Water | Mahavath, S. Uma (1985005500); Sridharan, V.M. (1985005500); Thirumangalakudi, M. (2096048000) | Chemical Engineering | Water, Air, and Soil Pollution | 2023 | 0168-6979 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 20 | A novel integrated circular economy approach to green synthesis of copper oxide nanoparticles from waste printed circuit boards and utilization of a reactor for preparation of carbon modified nano polymer | Kavi, Rajag (1720585172); Durayappan (1979829990); Thirumangalakudi, M. (2096048000) | Chemical Engineering | Journal of Cleaner Production | 2023 | 0959-6526 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 21 | Nanoparticle-mediated poly-glycolate-based nanofiber mats for enhanced adsorption of breast cancer cell line with improved cell viability of fibroblast cell line: Controlled drug release and antimicrobial activity | Anandhan, Govindaraj (1721212560); Anandhan, Raju Sridharan (190839000); Thirumangalakudi, M. (2096048000) | Chemical Engineering | Journal of Drug Delivery Science and Technology | 2023 | 0739-4226 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 22 | Newly Induced Hydrogel-Decorated Bio-Inspired Biomaterials for Efficient Removal of Industrial Wastewater and Environmental Remediation | Edilakshmi, P. (1983054400); Srivastava, V.M. (1983054400); Thirumangalakudi, M. (2096048000) | Chemical Engineering | Desalination and Water Treatment | 2023 | 1914-9494 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 23 | Temperature control in a wastewater treatment system using a smart control system | Rani, V.A. (1718766800); Gnan, G. (1718766800); Prabhakaran, S. (1718766800) | Chemical Engineering | Journal of the National Science Foundation of Sri Lanka | 2023 | 11914588 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 24 | Production of high-strength bio-based fibers through mechanical spinning of Bombyx mori cocoon waste | Narasimhan, Elvira Priya (1722151200); Sridharan, V.M. (1985005500); Thirumangalakudi, M. (2096048000) | Chemical Engineering | Energy Sources, Part A: Recovery, Utilization and Environmental Effects | 2023 | 15267636 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group B-SCOPUS & WoS) |
| 25 | A review on the use of carbon nanotubes for the adsorption of heavy metals from wastewater: A critical review | J. Manojkumar, C. Chitra, S.M. S. Siddiqui | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 26 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 27 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 28 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 29 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 30 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 31 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 32 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 33 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 34 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 35 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 36 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 37 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 38 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 39 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 40 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | YES (UGC CARE Group I) |
| 41 | Control of water quality in a wastewater treatment system using a smart control system | Prabhakaran, S. (1718766800); Gnan, G. (1718766800); Rani, V.A. (1718766800) | Chemical Engineering | International Journal of Environmental Science and Technology | 2023 | 1728-1472 | https://www.researchgate.net/publication/362202323_optimizing_relay_chain_efficiency | https://www.research | |

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|-----|---|--|--|------|------|-----------|---|---|-------------------------------|
| 101 | One-Dimensional Convolutional Neural Network and Long Short-Term Memory Convolutional Neural Network for 1.4 and FCRI Application Detection | Evangelos Sotia, S.V. (089141220); Nandoharshan, R. (0582145400); Rajakrishnan, M. (0832731510) | Computer Science and Engineering, Information Technology | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 102 | A New Classifier Link Prediction Model for Follower Profile Identification in Facebook | Sanyal, S. (0721212050); Rajakrishnan, M. (0582029000); Devi, S. (0721212050); Senthil, R.M. (0618257000) | Computer Science and Engineering, Information Technology | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 103 | Empirical data analysis in physics | Sanyal, S. (0721212050); Rajakrishnan, M. (0582029000); Devi, S. (0721212050); Senthil, R.M. (0618257000) | Physics | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 104 | Feature Analysis Using Sentiment Deep Relief Network Classifier | Sharma, J. (0604283200); Prayatharathi Jayarama, M. (0871966000); Swathi, R.M. (0851331000); Devi, S. (0721212050) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 105 | A Comparative Study of Improved Ada on Higgs Data using Naive Bayes Classifier Algorithm | Shanmugasundaram, D. (0580382900); Aravind, M. (0871966000); Pradeep, S. (0871966000); Devan, S. (0721212050) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 106 | Dental Biomarkers Segmentation on Panoramic X-Ray Images using Computational Intelligence | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 107 | Novel Recommendation System for E-Learning Platform | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 108 | A Comprehensive Study on Current Trends in Supervised Machine Learning Algorithms and Challenges in Real-World Applications | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 109 | Web Application Development using Flask - Faculty Development Module | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 110 | Review of Classification and Feature Selection Methods for Genome-Wide Association SNP for Breast Cancer | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Data Science | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 111 | Empowering BIM Quantum Engineering | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Data Science, Decision and Computing Sciences | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 112 | Automated Feature Selection Methods for Cyberbullying Detection | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Decision and Computing Sciences | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 113 | An effective anomaly management for container analysis in social media using random walk and walk | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Decision and Computing Sciences | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 114 | An empirical evaluation of benchmark machine learning classifiers for risk prediction of cardiovascular disease in diabetic patients | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Decision and Computing Sciences | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 115 | Performance Maintenance for Remote Field Jet Engines - A Deep Learning and Cloud-Based Approach | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Decision and Computing Sciences | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 116 | Security Enhancements Based on Optimal Lightweight Blockchain Model for Data Storage in Wireless IoT Networks | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Decision and Computing Sciences | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 117 | Optimal location and sizing of various DC units in distribution network using heuristic approach | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 118 | Analysis of effect of MEMS/TM passive capacitance on non-synchronous buck converter characteristics | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 119 | Application of grid connected microsource capacitor for renewable energy integration | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 120 | Novel Recurrent Neural Network Architecture for the Vehicle and non-vehicular engine | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 121 | Investigation in Electrical Performance of Disordered Generation of An Electrostatic Interference | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 122 | Sustainable ENERGY DEVELOPMENT PREDICTION OF ENERGY HARVESTING SYSTEM WITH AN ADAPTIVE HERARCHICAL RECURRENT NETWORK AND BIODIVERSITY FUSION OPTIMIZATION ALGORITHM | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 123 | Development and Control of a Four Wheel Drive Electric Vehicle | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 124 | Investigating the Performance of Insect of Wings in Traditional Acoustical Industry for Improved Quality and Delivery of Products using Surface Finish Methodology | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 125 | A Survey on Internet of Things (IoT) Based Security Solutions | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 126 | ADVANCEMENTS IN PREDICTING THE ENERGY HARVESTING FOR A SUSTAINABLE DEVELOPMENT: A COMPREHENSIVE REVIEW OF ENVIRONMENTAL FRIENDLY TECHNIQUES | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 127 | A Novel Prediction Model for Insect of Wings in Traditional Acoustical Industry for Improved Quality and Delivery of Products using Surface Finish Methodology | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 128 | Improved Cross-Wall Optimization (ICWO) Based Feature Selection on Multiclass Patterns and Analysis of Multiclass Classification Accuracy | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 129 | MEAS for Feature Selection Using Fuzzy C-Means | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 130 | Finite State Machine-Based Load Scheduling Algorithm for Smart Home Energy Management | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 131 | Correlation of Sign Language for TV and Auditory Using Deep Learning Techniques | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 132 | Optimal Control of Linear Servo Drive Using Adaptive System PID Algorithm | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 133 | Genetic Algorithm Based Feature Selection for Support Vector Regression for Day A Head Prognosis Problem | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 134 | Backdoor Classifier Using Linear Differential Analysis | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 135 | MCP Based State Fault Identification in Induction Motor Using Power Quality Analyzer | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 136 | IoT enabled Cloud Based Operation Procedure system | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 137 | Implementation of FPGA Based MPPT Controller for Grid Connected PV System | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 138 | A novel induction motor drive comparative review | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 139 | Application of Blockchain and IoT in Cap and Tire of Carbon Emission | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 140 | Levy High-particle swarm optimization-based BLSTM - dropout deep learning model for short-term load forecasting | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 141 | Levy High-particle swarm optimization-based BLSTM plus dropout deep learning model for short-term load forecasting | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0910179100); Ahnusa, P. (0790714000); Gayathri, G. (0910179100); Babu, V. (0514990000) | Electrical and Electronics Engineering | 2021 | 2021 | CON PAPER | https://www.researchgate.net/publication/351281704 | https://www.researchgate.net/publication/351281704 | YES (GCC CARE Group B-SCOPUS) |
| 142 | Design of a Hybrid Meta-Heuristic Optimizer for Machine Learning Level | Sharma, M. (0514990000); Karthik, J. (0721813827); Veludurai, P. (0 | | | | | | | |

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|-----|---|---|------------------------|---|------|------------|---|---|-------------------------------------|
| 208 | In vitro in vivo wound healing efficacy of Triphala Procyanidin extract loaded Carbonyl-terpolymer hydrogel | Chinnappa, Rajaj Ayayyar (5747741900); Krishnamoorthy, Marudhu (574007000); Bilal, Tishah (5519918200); Rajan, Ashita (574221088241) | Mechanical Engineering | International Journal of Biological Macromolecules | 2023 | 16141-4130 | https://www.sciencedirect.com/science/article/pii/S0141813823101924?via=ihl | https://www.sciencedirect.com/science/article/pii/S0141813823101924?via=ihl | YES (GCC CARE Group B-SCOPUS & WoS) |
| 209 | Mechanical and Material Characterization of Poly Lactic Acid/Zeolite/Hydroxyapatite Composites | Aljarray, C. Baid (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Inorganic and Organometallic Polymers and Materials | 2023 | 1571443 | https://link.springer.com/journal/12094 | https://link.springer.com/journal/12094 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 210 | Design and development of customized fiber carbon fiber/active hydroxyapatite | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Proceedings of the Institution of Mechanical Engineers, Part I: Journal of Materials, Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 211 | Characterization of various matrix materials (fiber, carbon fiber, hydroxyapatite) | Rajaj Ayayyar, C. B. (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 212 | Optimization of process parameters of friction stir weld aluminum 7075 and carbon steel 1010 | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 213 | Effect of chemical and physical characterization of biomass based cellulose derived from Lantana aculeata leaves for sustainable environment | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 214 | Investigating the Influence of Nano-Silica on Low-Velocity Impact Behavior of Aluminum-Glass Laminated Composites | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 215 | Scale Prediction Using ML and RFF Based Workflow | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 216 | Design and development of customized fiber glass with novel mechanism using additive manufacturing | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 217 | Attempt to identify antimicrobial Triphala procyanidin (TP) inclusion of properties using experimental test coupled with SEM model for biomedical application | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 218 | Effect of stacking sequence on mechanical, water absorption, and biodegradable properties of novel hybrid composites for dental application | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 219 | Mobile Machine Attacks Classification, Propagation, Analysis, Detection, Challenges and Future Directions of Secure | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 220 | Experimental study on cooling of electronic equipment using dual coolant technology in natural convection | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 221 | Influence of various parameters on the Physical, Chemical and Tribological Characteristics of SA1924 W | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 222 | Damage behavior and dynamic response of nano-silica reinforced aluminum 2024-T3/GRP composite under impact loading | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 223 | Parameter optimization of the performance of the journal bearing using Taguchi method | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 224 | Effect of chemical and biological treatment on Agromer nitrate based reinforced composites | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 225 | Characterization of natural pigments Based Red-E glass fiber reinforced sandwich polymer composite | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 226 | Analysis results by self-healing materials | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 227 | Application of various machine learning algorithms (ML) for predicting the performance of composite materials | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 228 | Characterization of powder metallurgy process magnesium alloy with biomedical implants | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 229 | EFFECT OF ALKALI TREATMENT ON MECHANICAL PROPERTIES AND MICROSTRUCTURAL ANALYSIS OF LUFFA CYLINDRICA AND SNAKE GRASS FIBER-REINFORCED EPOXY COMPOSITES | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 230 | Comparative study on machinability performance of CNT and DLC coated HSS tools for hard turning | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 231 | Effect of various parameters on the Physical, Chemical and Tribological Characteristics of SA1924 W | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 232 | IMPACT OF NANOSIL LIBERATION ON SINGLE LAYERED FIBROUS HYDRODYNAMIC | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 233 | DIY SELF-HEALING W/AR BEHAVIOR OF AZI/ZAO COMPOSITES PRODUCED USING A STRIP CASTING PROCESS | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 234 | Mechanical Characterization of Luffa Cylindrica and Snake Grass Derived Hydroxyapatite-High Density Polyethylene Composites | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 235 | Design of Spherical Hopping Robot Utilization of CNT and DLC coated HSS tools for hard turning | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 236 | Enhancing Layered Fibrous Gas Diffusion in Compression Ignition engine powered with Renewable Fuel/Cell Fuel Conversion: An Experimental Study | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials: Design and Applications | 2023 | 1644407 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | https://journals.sagepub.com/journal/10.1177/1464420711148626 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 237 | Effect of Processing on Natural Fibers for Composite Manufacturing | Chinnappa, Rajaj (5720828729); Maniathu, K. (600792921); Sidhan, N. (5603077600); Meghna, T. (5720781576); Aljarray, Sira A. (5720442500); Katarah, Dia F. (5720917178); Sanjay, M.R. (5720436300); Sengul, Sachar (5720914200) | Mechanical Engineering | Journal of Materials | | | | | |

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|-----|---|--|---|---|------|-----------|---|---|-------------------------------------|
| 408 | Blockchain analysis for unclassified fraud: smart chain miner blockchain fabric | Rahmatunissa, Susanto (258262590); Adhik, L.S. (2582126560) | Electronics and Communication Engineering | Journal of Intelligent and Eazy Systems | 2022 | 10842386 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 409 | Design and analysis of a novel fixed fractal antenna integrated with reconfigurable resonator for 5G applications | Prasanthi, Subhojitkumar (572109550); Thangaraj, Balaraman (306744290) | Electronics and Communication Engineering | International Journal of Communication Systems | 2022 | 10745531 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 410 | Design of Circular Cross Slot Copper Metal Printed Pentahorn Antenna | Kandianu, Anggani (552849570); Rengasari, Sarwanandani (572248000); Kiri Rani, Praveen (572543700); Pradiyanti, Subhojitkumar (572109550); Karim Kumar, K. (572046620); Balaraman, Arava Devi (570915270); Anandharam, Suman (427110500) | Electronics and Communication Engineering | Advances in Materials Science and Engineering | 2022 | 10687834 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 411 | Disa Security and Safety Services using Modified Train Hierarchical System Loss-Tolerant Authentication in Threat Model of XMAS | Sugaryadi, K. (5722300457); Nasahid, H. (5798388300); Palanisamy, Subhojitkumar (572109550); Dhanarajana, S. (570443000) | Electronics and Communication Engineering | International Conference on Edge Computing and Applications, ICCEA 2022 - Proceedings | 2022 | CUN PAPER | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 412 | Dis-Inspired Based Real Time Yarn Allocation Through Hierarchical Multiprocessor System | Lakshmi, R. (572124238); Praveen, P. (570915270) | Electronics and Communication Engineering | 2022 International Conference for Advancement in Technology, ICNAT 2022 | 2022 | CUN PAPER | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 413 | 413s Guidance System for OTS | Bala Dhandasani, S. (5795581400); Deepa, N. (584382500); Anandhi, M. (578491400); Agilash, S. (579562470) | Electronics and Communication Engineering | Proceeding of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies, Computational Intelligence for Smart Systems, ICICIT 2022 | 2022 | CUN PAPER | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 414 | Performance Analysis of Campus for 5G | Adhik, L.S. (567156560); Lina, S. (566653000); Poosthi, P.S. (570699320) | Electronics and Communication Engineering | Lecture Notes in Networks and Systems | 2022 | 21037370 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 415 | Fast F100 Music Genre Classifier using Deep Learning Algorithm | Gumustan, Christos (579927000); Pandurang, Shanthi (484119700) | Electronics and Communication Engineering | 13th International Conference on Advances in Computing, Control, and Telecommunication Systems, ACT 2022 | 2022 | CUN PAPER | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 416 | A Low Profile Compact ERG Integrated Circular Microstrip Antenna for Wearable Medical Application | Sun, Prasad Jeev Chaitanya (572109550); Suresh, U. (565626570); Elagu, Urovan M. (572261956); Saravanan, M. (570915270); Subudha, Kumar, P. (572109550) | Electronics and Communication Engineering | 61st Springer Innovations in Communication and Computing | 2022 | 2522909 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 417 | Characterization of Biodegradable and a Composite Material COVID-19 Respirator | Duan Josephine, D. (572117074); Shyam Sunder, R. (580695500); Saravesh, S. (572109550); Nithin Ram, C.B. (572109550); Nithin Praveen, K. (572109550) | Electronics and Communication Engineering | Journal of Physics: Conference Series | 2022 | 15124268 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 418 | COVID-19 Respirator Alert System using Geo-Fencing Technique | Duan Josephine, D. (572117074); Shyam Sunder, R. (580695500); Saravesh, S. (572109550); Nithin Ram, C.B. (572109550); Nithin Praveen, K. (572109550) | Electronics and Communication Engineering | 6th International Conference on ISMAC (IoT in Social, Mobile, Analytics and Cloud), ISMAC 2022 - Proceedings | 2022 | CUN PAPER | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 419 | On-site synthesis of TEA functionalized and NiO embedded GO nanocomposites for supercapacitor application | Manikandan, Venkatesh (572083000); Krishanand, Himadulu (566673600); Srinivas, Yashrajya (5724344200); Prabhakar, Manohar (572109550); Srinivasan, Nishanthakrishna (5724344200) | Electronics and Communication Engineering | Inkubation Transitions | 2022 | 14792026 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 420 | A Deep Learning Framework for glaucoma detection from retinal optic disc segmentation and transfer learning | Narasimhan, Deepa (5741181700); Sankaranarayanan, Karthikeyan (5669189700); Balaji, Karthikeyan (572109550); Rajasekhar, S. (572109550) | Electronics and Communication Engineering | International Journal of Imaging Systems and Technology | 2022 | 108994247 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 421 | Analysis of Exhaust Gas Purification Methods | Shankar, Pradeep (572109550); Dhanu, M. (583855000); Dhanu, M. (583855000) | Electronics and Communication Engineering | Lecture Notes in Electrical Engineering | 2022 | 108994247 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 422 | IoT Based Model Predictive Control Architecture for HVAC Systems and a Comprehensive Study of Control horizons of Model | Dhandasani, S. (577405400); Praveen, P. (570915270) | Electronics and Communication Engineering | 61st Springer Innovations in Communication and Computing | 2022 | 2522909 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 423 | 423s Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | Lecture Notes in Networks and Systems | 2022 | 21037370 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
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| 425 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
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| 430 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 431 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 432 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 433 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 434 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 435 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 436 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 437 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 438 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 439 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | https://www.scopus.com/journals/view?doi=10.1080/10881875.2022.2087590 | YES (GCC CARE Group B-SCOPUS) |
| 440 | Performance Analysis of Fiber Bragg Grating Sensor for 5G Networks | Adhik, L.S. (567156560); Elagu, U. (572092500); Mohan, Priya, M. (574540900); Nishitha, B. (5742500700); Vallabhaneni, S. (5742500700) | Electronics and Communication Engineering | WILEY-INTERSCIENCE COMMUNICATIONS | 2022 | 10976412 | https://www.scopus.com/journals/view?doi=10.1080/10881875.202 | | |

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| 919 | 1D discrete cosine transform based channel estimation for single user MIMO system | Melita Gibran Raj, S. (264053030); Iswanah Bala, G. (264230280); Merita Supri, M.L. (272142347) | Electrical and Electronics Engineering | Journal of Electronics | 2020 | 1756532 | https://www.researchgate.net/publication/352150913_channel_estimation | https://www.researchgate.net/publication/352150913_channel_estimation | YES (GCC CARE Group B-SCOPUS & WoS) |
| 920 | Performance comparison and stability analysis of MCM and EN-C controlled RPPC converter | Munawar, Radha (272161800); Gopinathan, Uma (060147366); Jithendran, Karthi (272134997) | Electrical and Electronics Engineering | BIT Power Electronics | 2020 | 1756535 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 921 | Design of a novel energy storage for CEM and MCM based power converter | Munawar, Radha (272161800); Gopinathan, Uma (060147366); Jithendran, Karthi (272134997) | Electrical and Electronics Engineering | International Journal of Advanced Intelligent Paradigms | 2020 | 1757010 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 922 | Control of a novel energy storage for CEM and MCM based power converter | Munawar, Radha (272161800); Gopinathan, Uma (060147366); Jithendran, Karthi (272134997) | Electrical and Electronics Engineering | 2020 18 International Conference on Power, Control and Comm. Technology, ICPCCT-18 | 2020 | 1757010 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 923 | Application of grid connected multilevel inverter for renewable energy integration (Publication with Extension of Content) | Sunary, A. K. Devi Shree, J. | Electrical and Electronics Engineering | INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION | 2020 | 1802070 | https://doi.org/10.1177/0007252920091500 | https://doi.org/10.1177/0007252920091500 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 924 | Modeling of wind power system in grid and renewable energy integration under various climate | Vikasch, T. V. Manikandan | Electrical and Electronics Engineering | International Journal of Electrical Engineering Education | 2020 | 18016286 | https://doi.org/10.1177/0007252920091500 | https://doi.org/10.1177/0007252920091500 | YES (GCC CARE Group I) |
| 925 | Modeling of photovoltaic power system in on-grid and renewable energy integration under various climate | Vikasch, T. V. Manikandan | Electrical and Electronics Engineering | International Journal of Electrical Engineering Education | 2020 | 18016286 | https://doi.org/10.1177/0007252920091500 | https://doi.org/10.1177/0007252920091500 | YES (GCC CARE Group I) |
| 926 | Intelligent Technique Based Power System Compensation of Isolated Hybrid Power System | MMM Myarath, R. Rajalakshmi | Electrical and Electronics Engineering | Journal of Electrical Engineering 20(1), 8-4 | 2020 | 11353302 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group I) |
| 927 | Implementation of intelligent signal based motion recognition algorithm | Joseph, Cynthia (272112452); Rajawati, A. (272120126); Premadasa, B. (261246550); Balagrya, C. (2186601840) | Electronics and Communication Engineering | Proceeding - International Conference on Data Engineering | 2020 | 18046427 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 928 | Design and Simulation of OFDM Communication Through Rayleigh Urban LOS | Choudhury, Binay (272124624); Gupta, Ranjit (272124624); Ramani, S. (272124624) | Electronics and Communication Engineering | Location Sites in Networks and Systems | 2020 | 20472126 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 929 | Optimal performance detection using local binary pattern | Amthar, A. (2721131820); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | International Journal of Biomedical Engineering and Technology | 2020 | 17252418 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 930 | Performance analysis of electrically coupled MRR based antenna for wireless broadband communication | Thirumangalakudi, P. (272117802); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | Wireless Networks | 2020 | 18120289 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 931 | RF based antenna for wireless broadband communication | Prasad, S. (272117802); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | International Journal of Scientific and Technological Research | 2020 | 22777616 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 932 | RF based antenna for wireless broadband communication | Prasad, S. (272117802); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | International Journal of Scientific and Technological Research | 2020 | 22777616 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 933 | Analysis of QoS for conveying authorization based on internet of things (IoT) in wireless sensor network | Pulakani, N. (2721147332); Rajalakshmi, M. (261246550); Senthil Kumar, P. (261246550) | Electronics and Communication Engineering | 2020 7th International Conference on Smart Structures and Systems, ICSSS 2020 | 2020 | 18145157 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 934 | Development of Auto Tracking and Targeting Flight using Machine Vision | Yehia, T. (2721166532); Ajay, R. (2721121270); Harish Varadan, P.R. (2721212542); Anil Thattai, J. (2721112269) | Electronics and Communication Engineering | 2020 International Conference on System, Computation, Automation and Networking, ICSCAN 2020 | 2020 | 18170009 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 935 | Simulation and Performance Analysis of CT College Campus Network for Realistic Traffic Scenarios | Datta Josephine, D. (2721717074); Rajawati, A. (272120126) | Electronics and Communication Engineering | Procedia Computer Science | 2020 | 18170009 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 936 | A Novel AI based optimization approach for wavelength minimization of hardware tasks placement in reconfigurable logic devices | Prasad, S. (272124624); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | International Journal of Bio-Inspired Computation | 2020 | 17303566 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 937 | Search engine optimization for real time sensor networks | Saranya, V. (272124624); Rajawati, A. (272120126) | Electronics and Communication Engineering | Advances in Intelligent Systems and Computing | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 938 | Novel Approach for Power Analysis in Microcontrollers | Malha Subramanian, P. (272124624); Rajawati, A. (272120126) | Electronics and Communication Engineering | Location Sites in Networks and Systems | 2020 | 18124109 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 939 | Feature Extraction from Facial Images for Facial Image Recognition | Joseph, Cynthia (272112452); Rajawati, A. (272120126) | Electronics and Communication Engineering | Advances in Intelligent Systems and Computing | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 940 | Classification of brain states optimization based support vector neural network for sentiment classification | Pongopoli, M. (260964450); Sangeetha, M. (261246550) | Information Technology | Location - Academy Proceedings in Engineering Sciences | 2020 | 18126139 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 941 | Real Time Traffic Analysis Using Machine Vision for Facial Image Recognition | Devi, S. (2721212542); Rajalakshmi, M. (261246550); Saranya, S. (2721212542); Jayaraman, B. (2721212542) | Information Technology | ICPC Conference on Materials, Science and Engineering | 2020 | 17379891 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 942 | Autonomous video analysis (AVI) and computer vision network mapping (CVNM) algorithm for smart health care system in cloud computing | Rajawati, A. (272124624) | Information Technology | Mathematics Today and Applications | 2020 | 18107601 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 943 | Automated speech recognition system for speaker emotion classification | Amthar, A. (2721131820); Gopal, P. (261246550); Nandini, S. (261246550); Nagark, R. (272132529); Sathish, S. (2721131820) | Information Technology | Proceeding of the 2020 International Conference on Computing, Communication and Security, ICCCS 2020 | 2020 | 18170009 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 944 | Performance analysis of electrically coupled MRR based antenna for wireless broadband communication | Thirumangalakudi, P. (272117802); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | Proceeding of the 4th International Conference on Smart Systems and Innovative Technology, ICSSIT 2020 | 2020 | 18170009 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 945 | Performance analysis of electrically coupled MRR based antenna for wireless broadband communication | Thirumangalakudi, P. (272117802); Uma Maheswari, S. (261246550) | Electronics and Communication Engineering | Proceeding of the 2020 18th International Conference on Communication and Signal Processing, ICCSP 2020 | 2020 | 18170009 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS & WoS) |
| 946 | Contemporary issues in teaching and learning techniques of differential equations: A review among engineering students | Revalthy, P. (261246550); Pabharan, R. (2720947542); Mathuram, S. (2721654127) | Mathematics | International Journal of Advanced Science and Technology | 2020 | 20452338 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 947 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 948 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 949 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 950 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 951 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 952 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 953 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
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| 955 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 956 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 957 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 958 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 959 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 960 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 961 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126) | Mathematics | Location Sites in Networks and Systems | 2020 | 21424753 | https://doi.org/10.1007/s12070-020-01666-6 | https://doi.org/10.1007/s12070-020-01666-6 | YES (GCC CARE Group B-SCOPUS) |
| 962 | Analysis and Synthesis of a Class of Linear Systems | Ravi, T. (272124624); Rajawati, A. (272120126)</ | | | | | | | |

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| 922 | PyTorch nanoscale photovoltaic: Effect of synthesis methods on valence state of Pt and its influence on hydrogen evolution and dye degradation | Lakshmanasudha, Nagappan, Raj, Venkatesh Nageswaraiah, Cheralath, Kanakapurnima Krishnan, Subramanian, Rajeshwari Palanisamy, Shankar, Mahalingam, Vigneshwaran | Chemistry | JOURNAL OF COLLOID AND INTERFACE SCIENCE | 2019 | 4052-4057 | https://www.sciencedirect.com/journal/journal-of-colloid-and-interface-science | https://doi.org/10.1016/j.jcis.2018.11.022 | YES (GCC CARE Group B-WOS) |
| 923 | Investigation of Cationic Polymerization of Magnesium Incorporated Hydroxyapatite coating on dental grade titanium | Arifullah B. Mahdhanomayy, N. S.B. Sarathkumar, Srinivasan, E.P., Thangapalan P. J., Thilagar and Dhyanesh Varadarajulu | Chemistry | Materials Today - Proceedings | 2019 | 2514-2053 | https://www.sciencedirect.com/journal/materials-today-proceedings | https://doi.org/10.1016/j.matpr.2019.05.006 | YES (GCC CARE Group B-WOS) |
| 924 | Electrochemical synthesis of reduction of copper by ethylene in acid media | P. Thangavelu, P.P. Subramanian, K.V. Venkatesh, R. Ganesan | Chemistry | Journal of Environmental Electrochemistry | 2019 | 2774-2778 | https://www.sciencedirect.com/journal/journal-of-environmental-electrochemistry | https://doi.org/10.1016/j.jee.2019.01.001 | YES (GCC CARE Group B-WOS) |
| 925 | Structural and optical properties of Cu3Sn nanoparticles prepared by wet-chemical synthesis for photovoltaic applications | Yousuf, A.S., (572071926); Mahalingam, D. (596414532); Mahalingam, N. (659423624); Agilan, S. (589595300); Manikandan, M. (526627600) | Chemistry, Physics | Materials Today: Proceedings | 2019 | 21247-853 | https://www.sciencedirect.com/journal/materials-today-proceedings | https://doi.org/10.1016/j.matpr.2019.05.024 | YES (GCC CARE Group B-WOS) |
| 926 | Investigation of corrosion protection performance of magnesium incorporated hydroxyapatite coating on dental grade titanium | Arifullah B. Mahdhanomayy, N. Srinivasan, N. (659423624); Sarathkumar, Shanthi Bhagathi (262173490); Nageswari, P. (572071926) | Chemistry, Physics | INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE | 2019 | 1482-1981 | https://www.sciencedirect.com/journal/international-journal-of-electrochemical-science | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 927 | Mechanical and Optical Properties of Cu3Sn Nanoparticles Prepared by Sol-gel Technique for Photovoltaic Applications | Yousuf, A. B., Mahalingam, D., Mahalingam, N., Agilan, S., Hemalatha, K. V. | Chemistry, Physics | International Journal of Engineering and Advanced Technology | 2019 | 22499978 | https://www.sciencedirect.com/journal/international-journal-of-engineering-and-advanced-technology | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 928 | Behavior of RC beam under moment and cyclic loading using waste materials in air aggregate | Radharaman, T. (5068426290); Thangamann, G.S. (650870797) | Civil Engineering | International Journal of Engineering and Advanced Technology | 2019 | 22499978 | https://www.sciencedirect.com/journal/international-journal-of-engineering-and-advanced-technology | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 929 | Adaptability of Sugar Cane Bagasse Ash as Mortar | Jagadeesh, P. (568372900); Ramachandran, A. (568378990); Murugesan, G. (624882000); Karthik Pruthi, T. (620650100) | Civil Engineering | Journal of the Institution of Engineers (India): Series A | 2019 | 2202149 | https://www.sciencedirect.com/journal/journal-of-the-institution-of-engineers-india-series-a | https://doi.org/10.1007/s40201-019-00334-0 | YES (GCC CARE Group B-WOS) |
| 930 | Buildup Precipitation on the Factors to be Monitored at Tendering and Mobilization Stage Affecting the Performance of Indian Construction Projects | Dhawan, K. (2447424500) | Civil Engineering | Journal of the Institution of Engineers (India): Series A | 2019 | 2202149 | https://www.sciencedirect.com/journal/journal-of-the-institution-of-engineers-india-series-a | https://doi.org/10.1007/s40201-019-00334-0 | YES (GCC CARE Group B-WOS) |
| 931 | Investigation of mechanical properties on ultra high strength concrete beams | Nithyanaya, K. (5672887400); Subramanian, K. (556139030) | Civil Engineering | Journal of Structural Engineering (India) | 2019 | 09303137 | https://www.sciencedirect.com/journal/journal-of-structural-engineering-india | https://doi.org/10.1061/(ASCE)1095-2709(2019)15:6(930-937) | YES (GCC CARE Group B-WOS) |
| 932 | Risk management of concrete projects in busy area | Nithyanaya, H. (5720585130); Anand, T. (5719283120); Sachin Pruthi, P. (5720558300); Devarajam, M. (5720558300) | Civil Engineering | International Journal of Recent Technology and Engineering | 2019 | 22777878 | https://www.sciencedirect.com/journal/international-journal-of-recent-technology-and-engineering | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 933 | Behavior of the steel fiber blended concrete by determination of its elastic properties | Karthik Pruthi, T. (5720585130); Nagarajan, V. (5719227340); Jagadeesh, P. (568372900); Eswaranarathi, P. (5719227340) | Civil Engineering | International Journal of Recent Technology and Engineering | 2019 | 22777878 | https://www.sciencedirect.com/journal/international-journal-of-recent-technology-and-engineering | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 934 | Prediction of compressive strength of bacteria incorporated geopolymer concrete by using ANN and MARS | John Britto, X. (572051211); Mathan, M.P. (5514590300) | Civil Engineering | Structural Engineering and Mechanics | 2019 | 12254608 | https://www.sciencedirect.com/journal/structural-engineering-and-mechanics | https://doi.org/10.1080/13697021.2019.1616711 | YES (GCC CARE Group B-WOS) |
| 935 | Behavioral analysis on concrete slab replacement of fire aggregates with steel slag | Karthik Pruthi, T. (5720585130); Subramanian, K. (556139030); Jagadeesh, P. (568372900); Nagarajan, V. (5719227340) | Civil Engineering | Review Roman de Materiale/ Romanian Journal of Materials | 2019 | 18383186 | https://www.sciencedirect.com/journal/review-roman-de-materiale-romanian-journal-of-materials | https://doi.org/10.1016/j.rmr.2019.07.001 | YES (GCC CARE Group B-WOS) |
| 936 | Shear behavior of glass fiber-reinforced geopolymer concrete | Nithyanaya, K. (5672887400); Subramanian, K. (556139030); John Britto, X. (572051211); Mathan, M.P. (551459030) | Civil Engineering | Indian Journal of Civil Engineering | 2019 | 20265257 | https://www.sciencedirect.com/journal/indian-journal-of-civil-engineering | https://doi.org/10.1007/s9708-019-11692-3 | YES (GCC CARE Group B-WOS) |
| 937 | Durability properties of fly ash and silica fume blended concrete for marine environment | Karthik Pruthi, T. (5720585130); Subramanian, K. (556139030); Jagadeesh, P. (568372900); Nagarajan, V. (5719227340) | Civil Engineering | Indian Journal of Geo-Marine Sciences | 2019 | 20265266 | https://www.sciencedirect.com/journal/indian-journal-of-geo-marine-sciences | https://doi.org/10.1007/s40201-019-00334-0 | YES (GCC CARE Group B-WOS) |
| 938 | Reinforcement of marine oil spill using nanos | Karthik Pruthi, T. (5720585130); Nagarajan, V. (5719227340); Sachin Pruthi, P. (5720558300); Devarajam, M. (5720558300) | Civil Engineering | Indian Journal of Geo-Marine Sciences | 2019 | 20265266 | https://www.sciencedirect.com/journal/indian-journal-of-geo-marine-sciences | https://doi.org/10.1007/s40201-019-00334-0 | YES (GCC CARE Group B-WOS) |
| 939 | Robustness Classification Data Science Workbench on Chess Piece | Patel, K. (5719091040); Dubey, Rohit (5719091040) | Computer Applications | Location Sites on Data Engineering and Communications Technologies | 2019 | 20543112 | https://www.sciencedirect.com/journal/location-sites-on-data-engineering-and-communications-technologies | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 940 | A proposed neural network and reliable data transmission using optimal risk reduction mechanism | Pudhupalaha, A. (5720310003); Kousalya, G. (568218200) | Computer Science and Engineering | Computer Science and Engineering | 2019 | 14967957 | https://www.sciencedirect.com/journal/computer-science-and-engineering | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 941 | A new approach for solving dynamic shortest path problem in smart using machine intelligence | Arjun Kumar, E. (579224400); Komaladevi, E. (579224400) | Computer Science and Engineering | International Journal of Scientific and Technology Research | 2019 | 22799614 | https://www.sciencedirect.com/journal/international-journal-of-scientific-and-technology-research | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 942 | Artificial neural network based location tracking for Internet of Things (IoT) application | Abhis Malik, A. (5692172800); Kousalya, G. (568218200); Manoj, M. (5692172800) | Computer Science and Engineering | Computer Science and Engineering | 2019 | 11967957 | https://www.sciencedirect.com/journal/computer-science-and-engineering | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 943 | Varied Execution of Children With ASD Using Multimodal Deep Learning Technique | Abirani, S.P. (572499300); Kousalya, G. (568218200); Balakrishnan, S.S. (572078600) | Computer Science and Engineering | Deep Learning and Parallel Computing Environment for Bioengineering Systems | 2019 | 11967957 | https://www.sciencedirect.com/journal/deep-learning-and-parallel-computing-environment-for-bioengineering-systems | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 944 | A design of efficient IoT based smart parking management system | Aarthik, S. (564251200); Kousalya, G. (568218200) | Computer Science and Engineering | Computer Science and Engineering | 2019 | 11967957 | https://www.sciencedirect.com/journal/computer-science-and-engineering | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 945 | Design of a secure system for health data storage and retrieval | Arjun Kumar, E. (579224400); Komaladevi, E. (579224400) | Computer Science and Engineering | Computer Science and Engineering | 2019 | 11967957 | https://www.sciencedirect.com/journal/computer-science-and-engineering | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 946 | An efficient neural network based location tracking for Internet of Things (IoT) application | Karthik, G. (572078600); Kousalya, G. (568218200) | Computer Science and Engineering | Computer Science and Engineering | 2019 | 11967957 | https://www.sciencedirect.com/journal/computer-science-and-engineering | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 947 | Intelligent intrusion detection system for cyber physical systems | Umadevi, K.S. (564907500); Balakrishnan, S.S. (572078600); Kousalya, G. (568218200) | Computer Science and Engineering | Journal of Intelligent and Fuzzy Systems | 2019 | 10941246 | https://www.sciencedirect.com/journal/journal-of-intelligent-and-fuzzy-systems | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 948 | Deep convolutional neural network based orthographic detection in digital fonts images | Sasaya Rakesh, S. (565845900); Siva Nikish, R. (572068174); Karthika, A. (568441730); Sharma, Ashish (568619130) | Computer Science and Engineering | Advances in Intelligent Systems and Computing | 2019 | 21945357 | https://www.sciencedirect.com/journal/advances-in-intelligent-systems-and-computing | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 949 | Knowledge based for efficient video frame and color watermark algorithm | Chitra, M. (572414200); Vinodh, P. (572414200) | Computer Science and Engineering | International Journal of Business Intelligence and Data Mining | 2019 | 21945357 | https://www.sciencedirect.com/journal/international-journal-of-business-intelligence-and-data-mining | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 950 | Cancer prediction through a heuristic evolutionary algorithm based adaptive weighted Fuzzy C means | Sangeetha, M. (572414200); Karthika, N.K. (568232400); Karthika, R. (572078600); Nachaniam, M. (572078600) | Computer Science and Engineering | Advances in Intelligent Systems and Computing | 2019 | 21945357 | https://www.sciencedirect.com/journal/advances-in-intelligent-systems-and-computing | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 951 | Identification and explanation of fault representation in buses with ASD in a context free grammar | Abirani, S.P. (572499300); Kousalya, G. (568218200); Tanjorey, R. (572078600) | Computer Science and Engineering | Journal of Intelligent and Fuzzy Systems | 2019 | 10941246 | https://www.sciencedirect.com/journal/journal-of-intelligent-and-fuzzy-systems | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 952 | Map-Reduce framework based cluster architecture for academic staff performance prediction using sentiment analysis based neural network | M.R.M. Vasanthakumari and Dr. M. Manjappan | Computer Science and Engineering | Computer Science and Engineering | 2019 | 1475-7543 | https://www.sciencedirect.com/journal/computer-science-and-engineering | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 953 | Reinforcement Learning Based APD/FTRL: A Novel Approach For Load Balancing In Cloud Computing Environment | Dr. V. Radhakrishnan, Dr. G. Datta | Computer Science and Engineering | International Journal of Recent Technology and Engineering (IJRTE) | 2019 | 2277-3878 | https://www.sciencedirect.com/journal/international-journal-of-recent-technology-and-engineering-ijrte | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 954 | Analysis of Heart Disease Prediction Using Various Machine Learning Techniques | Manimath, M. (569874800); Devarajan, S. (5724154794); Gayathri, R. (575746200) | Data Science | Advances in Computational Analysis in Clinical and Medical Imaging | 2019 | 9780416-12 | https://www.sciencedirect.com/journal/advances-in-computational-analysis-in-clinical-and-medical-imaging | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 955 | Hybrid Evolutionary Network Selection with Less Overhead and Stable Performance in MANET | Geetha Devi, K. (572078600); Manimath, A. (565446500) | Data Science | Advances in Intelligent Systems and Computing | 2019 | 21945357 | https://www.sciencedirect.com/journal/advances-in-intelligent-systems-and-computing | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 956 | Real Time Network Congestion Prediction Using Genetic Algorithm | Prasanna, S. (572078600); Kousalya, G. (568218200) | Electrical and Electronics Engineering | 2019 IEEE International Conference on Emerging Systems and Information Technologies, ICCSEIT 2019 | 2019 | 1009-1018 | https://www.sciencedirect.com/journal/2019-ieee-international-conference-on-emerging-systems-and-information-technologies-iccseit-2019 | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 957 | Stability Analysis of Cyber-Physical Micro Grid System via Communication Delay and Nonlinear Parameterization | Vijayaram, M. (572158713); Ramakrishnan, K. (551194100); Manikandan, V. (1644480100); Mohan, T. Murali (572114200) | Electrical and Electronics Engineering | CIN PAPER | 2019 | 1009-1018 | https://www.sciencedirect.com/journal/cin-paper | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 958 | Computer integrated overhead relay testing automation management system using MyDAQ instrument | Mohit Ghosh Ray, S. (5649150300); Melle Sajan, M.L. (5720009713) | Electrical and Electronics Engineering | International Journal of Mechanical Engineering and Technology | 2019 | 0976-6140 | https://www.sciencedirect.com/journal/international-journal-of-mechanical-engineering-and-technology | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 959 | A cloud system model employing random access vector pulse width modulation for noise reduction in WLAN data reduction system | Mohan Das, R. (5742320500); Chandu Sekaran, E. (566624400) | Electrical and Electronics Engineering | Computer Computing | 2019 | 0976-6140 | https://www.sciencedirect.com/journal/computer-computing | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 960 | Fast detection in electrical equipment's images by using optimal features with deep learning classifier | Chellamuthu, Shanmugam (572097875); Sakina, E. Chandu (228529500) | Electrical and Electronics Engineering | Mathematics Tools and Applications | 2019 | 11807504 | https://www.sciencedirect.com/journal/mathematics-tools-and-applications | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 961 | Low cost bio alert system for visually challenged people | Abhishek, K. (572084095); Anand Kumar, R. (5721157025); Asha Kanoush, R. (5721157025); Nagarajam, V. (5721157025); Kousalya, G. (568218200) | Electrical and Electronics Engineering | International Journal of Recent Technology and Engineering | 2019 | 22777878 | https://www.sciencedirect.com/journal/international-journal-of-recent-technology-and-engineering | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 962 | RF system optimization and robustness using FEM-MALQ network | Chandrasekar, G. (572078600); Chandu Sekaran, E. (566624400) | Electrical and Electronics Engineering | Infant Physics and Technology | 2019 | 11804405 | https://www.sciencedirect.com/journal/infant-physics-and-technology | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 963 | Unsupervised hybrid ensemble neural distribution system for boundary detection in video cloud | Sanku Karthik, S. (572466519); Karthika, N.K. (568232400) | Electrical and Electronics Engineering | International Journal of Recent Technology and Engineering | 2019 | 22777878 | https://www.sciencedirect.com/journal/international-journal-of-recent-technology-and-engineering | https://doi.org/10.1088/1751-7674/14 | YES (GCC CARE Group B-WOS) |
| 964 | Automated differentiation of tumor types for Tubes and Rods in Manufacturing Industries Using Cloud Based System | Karthik Pruthi, T. (5720585130); Manikandan, V. (1644480100); Ramesh, S. (569721900); Sriramakrishna, M. (572078600) | Electrical and Electronics Engineering | Proceeding - 9th IEEE International Conference on Control Systems, Computing and Engineering, ICCSCE 2019 | 2019 | CIN PAPER | https://www.sciencedirect.com/journal/proceeding-9th-ieee-international-conference-on-control-systems-computing-and-engineering-iccscce-2019 | https://doi.org/10.1007/978-3-319-83011-6_47 | YES (GCC CARE Group B-WOS) |
| 965 | A web interface based smart tracking of overlaid vehicle | Melle Sajan Ray, S. (5649150300); Shree Lak, G. (5721689530); Melle Sajan, M.L. (5720009713); Abraham, Paul (572114200) | Electrical and Electronics Engineering | International Journal of Innovative Technology and Exploring Engineering | 2019 | 22780705 | https://www.sciencedirect.com/journal/international-journal-of-innovative-technology-and-exploring-engineering | https://doi.org/10.1 | |

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| 1028 | Review on retention of magnesium matrix nano composites | Subramini, D. (57192551602); Manikandan Prabu, N. (5666551506); Thangaraju, V.S. (57211132361); Senthilkumar, G. (5558152560) | Mechanical Engineering | International Journal of Nanomanufacturing | 2019 | 17469592 | https://www.indjournals.com/indjournals | https://doi.org/10.1504/IJNM.2019.1028 | YES (UGC CARE Group B-SCOPUS) |
| 1027 | FABRICATION OF ALUMINUM-CARBIDE COMPOSITES THROUGH FRICTION STIR PROCESSING AND ANALYZING ITS MICROSTRUCTURE AND MECHANICAL EVOLUTION | Subrahmanian, J.; Jayaraman, M.; Priyadarshini, G.; Sengupta, Mahesh, C. S. Sanyal | Mechanical Engineering | ARCHIVES OF METALLURGY AND MATERIALS | 2019 | 1733-3490 | https://www.indjournals.com/indjournals | https://doi.org/10.24425/ajmm.2019.1.0124 | YES (UGC CARE Group B-WOS) |
| 1028 | Influence of friction stir processing on microstructure and tensile behavior of AA6061/Al2O3 cast aluminum matrix composites | Rajendran, M.; Dhathathra, I.; Palaniswamy, R.; Senthilkumar, R. | Mechanical Engineering | JOURNAL OF MANUFACTURING PROCESSES | 2019 | 1526-4125 | https://www.sciencedirect.com/journal/journal-of-manufacturing-processes | https://doi.org/10.1016/j.jmapro.2019.1.007 | YES (UGC CARE Group B-WOS) |
| 1029 | Characterization of TiO2 particles reinforced AA6061 aluminum matrix composites produced using friction stir processing | J. Ramesh Kumar, M. Jayaraman, Y. Sankar Kumar, G. Sengupta Priyadarshini and J. Senthilkumar | Mechanical Engineering | Materials Research Express | 2019 | 2051-1591 | https://www.sciencedirect.com/journal/materials-research-express | https://doi.org/10.1016/j.mrex.2019.101479 | YES (UGC CARE Group I) |
| 1040 | Mechanical Properties and corrosion behavior of AZ91D-MgF2 surface composite fabricated by friction stir processing | H. Viana Vignoli, R. Padmanabhan, M. Govindaraju and G. Sengupta Priyadarshini | Mechanical Engineering | Materials Research Express | 2019 | 2051-1591 | https://www.sciencedirect.com/journal/materials-research-express | https://doi.org/10.1016/j.mrex.2019.101480 | YES (UGC CARE Group I) |
| 1041 | Scheduling and checkpointing optimization algorithm for Byzantine fault tolerance in cloud clusters | Chinnambath, Sanyal (5720126239); Sathasivan, Agilan (5595053300); Rajarathnam, Jayarami (59138895900); Senthilkumar, M. (5721042260) | Physics | Cluster Computing | 2019 | 13867857 | https://link.springer.com/journal/10266 | https://doi.org/10.1007/s11062-019-2322-5 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1042 | An enhanced photocatalytic performance based on MgO and its doped MgO Nano structures | Chandru, N.R. (5548806400); Agilan, S. (5595053300); Mathakumarasamy, N. (6506423624); Thangaraju, R. (5720296409) | Physics | Journal of Optical Research | 2019 | 18422403 | https://ojs.upt.ac.id/index.php/journal-journal-of-optical-research | https://doi.org/10.24425/jor.2019.1.0124 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1043 | Structure, defects, and temperature-dependent conductivity studies of the LiFePO4/C nano carbon-coated lithium-ion battery | Sivangi, P. (2454481500); Abhinav, K.P. (5511584500); Nalin, B. (5720261562); Balaji, P. (24066297400); Yadav, Senthil Kumar (5666551506); Rajaraman, S. (5720080000); Rajagopal, Sibi, R. (5557161174) | Physics | Ionics | 2019 | 0947-3042 | https://link.springer.com/journal/11361 | https://doi.org/10.1007/s11581-019-2085-1 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1044 | Microwave-assisted sol-gel synthesis of worm-like TiO2 nanostructures in submicron regime as light scattering layer for dye-sensitized solar cells | Madhava Rameshbabu, Venkatesan (5720298187); Sankar, Sridhar (5726667509); Mathakumarasamy, N. (6506423624); Kuvannur, Kiran (5641950600); Balaji, P. (24066297400); Agilan, S. (5595053300); Velurathigala, Dhyan (5721042260) | Physics | Materials Letters | 2019 | 0167-577X | https://www.sciencedirect.com/journal/materials-letters | https://doi.org/10.1016/j.matlet.2019.05.024 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1045 | Design and fabrication of Al-Si-Sn/Si Schottky barrier diode based on strontium-doped SnO2 thin film | Rajaraman, S. (5720080000); Agilan, S. (5595053300); Raja, M. (5679181000); Raja, L. (5600683800); Gokul, B. (5551800000); Ganesh, R. (5721279802); Mathakumarasamy, N. (6506423624) | Physics | Materials Research Express | 2019 | 20511591 | https://www.sciencedirect.com/journal/materials-research-express | https://doi.org/10.1016/j.mrex.2019.101479 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1046 | Green approach synthesis of Pd@TiO2 nanoparticles: characterization, visible light active picric acid degradation and antimicrobial activity | Harshani, D. (57201398300); Thangamanyasudhi, P. (56372951200); Senthilkumar, P. (57225807763); Devan, U. (5720471811); Rajendran, A. (5719457944); Visuvanathan, R. (5719309007); Selva, L.E. (460497101) | Physics | Process Biochemistry | 2019 | 1359113 | https://www.sciencedirect.com/journal/process-biochemistry | https://doi.org/10.1016/j.procbio.2019.06.024 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1047 | One-step hydrothermal green approach of CuO/Ag nanocomposites: Analysis of structural, biological activities | Santhakumar, E. (57195617149); Priya, P. (56976141500); Senthilkumar, P. (57225807763); Vaidyan, E. (5488396900); Senthilkumar, A. (5718958732); Senthilkumar, N. (5611505100) | Physics | Materials Research Express | 2019 | 20511591 | https://www.sciencedirect.com/journal/materials-research-express | https://doi.org/10.1016/j.mrex.2019.101480 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1048 | Green hydrothermal synthesis of gold and palladium doped titanium dioxide nanoparticles for antibacterial performance | Harshani, D. (57201398300); Rajgopal Chelvey, A. (5679181000); Pichaiya, Senthilkumar (5720142236); Sugadevan, Suresh (5720471811); Thangamanyasudhi, P. (56372951200); Devan, U. (5720471811); Selva, L.E. (460497101) | Physics | Journal of Materials Science: Materials in Electronics | 2019 | 0957-4522 | https://link.springer.com/journal/10854 | https://doi.org/10.1007/s10854-019-01647-9 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1049 | Zinc-oxide modified nanostructured MgO thin films deposited by spray pyrolysis technique for Cu/MgO/Pd thin film sensor for water chemical field analysis | Vivek, P. (5720233800); Chandrasekaran, J. (24401362000); Marudai, R. (57197765187); Maruthamuthu, S. (6603965991); Rajendran, A. (5719457944); Rajesh, P. (5488396900) | Physics | Spectrochim. Acta | 2019 | 0930-4026 | https://www.sciencedirect.com/journal/spectrochim-acta | https://doi.org/10.1016/j.saa.2019.115114 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1050 | TiO2-based dye-sensitized solar cells | Akhil, V. (5692623000); Mathakumarasamy, N. (6506423624); Velurathigala, Dhyan (5721042260) | Physics | Statement for Solar Cell Application | 2019 | 978-0-12-814137-8 | https://www.sciencedirect.com/book/9780128141378/statement-for-solar-cell-application | https://doi.org/10.1016/B978-0-12-814137-8.00005-6 | YES (UGC CARE Group B-SCOPUS) |
| 1051 | Sol-gel coated hydrothermal synthesis of zinc structured TiO2 for quantum dot sensitized solar cell | Ranjitha, A. (5511309800); Thambian, M. (34871019800); Mathakumarasamy, N. (6506423624) | Physics | Journal of Optoelectronics and Advanced Materials | 2019 | 15441164 | https://www.iaem.ro/ | https://www.sciencedirect.com/journal/journal-of-optoelectronics-and-advanced-materials | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1052 | Effect of palladium doped ZnO nanoparticles: ferro magnetic photocatalyst for efficient dye degradation | Sangeer Kumar, R. (5720020990); Veeravathi, V. (1406670800); Mathakumarasamy, N. (6506423624); Thambian, M. (3487101980); Elango, M. (5564108700); Ganapathikanan, A. (5611913300); Rajesh, G. (5606606900) | Physics, Chemical Engineering | SN Applied Sciences | 2019 | 25239771 | https://link.springer.com/journal/42454 | https://doi.org/10.1007/s42454-019-02624-2 | YES (UGC CARE Group B-SCOPUS) |
| 1053 | Design the threshold bands for effective modelling of unimodal BSK | Priya, N. (5718171777); Vasanthi, S. (2189300000); Ramasubramanian, C.R. (5718889975) | Software Systems | Chart Computat. | 2019 | 13867857 | https://link.springer.com/journal/10266 | https://doi.org/10.1007/s11062-019-2322-5 | YES (UGC CARE Group B-SCOPUS & WOS) |
| 1054 | Design and development of a diet based forced air incubator to maintain optimum incubation temperature for efficient hatching of chicken eggs | Pdika, C. Sathy (57201201099); Ramasubramanian, Venkat (5720045885) | Software Systems | Journal of Advanced Research in Dynamical and Control Systems | 2019 | 1943023X | https://www.ijdr.in/index.php | https://doi.org/10.24425/ijdr.2019.1.0124 | YES (UGC CARE Group B-SCOPUS) |