

RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY

Autonomous

Department of Electronics and Communication Engineering
WEB OF SCIENCE (SCI/SCIE/ESCI) INDEXED JOURNALS

Academic year :2023-24(July-2023 to June-2024)

WoS/SCI/ESCI/SCIE:

1. Y. Madhu Sudhana Reddy, "Capacity Trust Assessment for Multi-hop routing in wireless sensor networks", E3S Web of Conferences 391, 01181 (2023). <http://doi.org/10.1051/e3sconf/202339101181> (Web of Science and Scopus). (Conference)
2. Sayedu Khasim Noorbasha, Kethepalli Mallikarjuna; EOG Artifacts Suppression From Single Channel EEG Signals by VME-GMETV model; Biomedical Signal Processing and Control, <https://doi.org/10.1016/j.bspc.2023.105622>, Accepted 15 October 2023, Available online 19 October 2023, 1746-8094/© 2023 Elsevier Ltd., SCI, Quartile Index: Q1, H-Index:94, SJR 2022 1.07.
3. Rao.M.V.G., Ramanjaneyulu,N., Pydi,B. et al. Enhancing Performance of Dual-Gate FinFET with High-K Gate Dielectric Materials in 5 nm Technology: A Simulation Study. *Trans. Electr. Electron. Mater.* (2023). <https://doi.org/10.1007/s42341-023-00473-5> (WOS+Scopus-Q3)
4. [Dubey, A.K.](#), [Ramanjaneyulu, N.](#), [Saraswat, M.](#), [Govindasamy, C.](#), [Ninu Preetha, N.S.](#) HECC-ABE: A novel blockchain-based IoT healthcare data storage using hybrid cryptography schemes with key optimization by hybrid meta-heuristic algorithm" *Transactions on Emerging Telecommunications Technologies*, September 03, 2023, <https://doi.org/10.1002/ett.4839> (online)(SCIE+Scopus-Q2)
5. Syed Munawwar & P. V. Gopi Krishna Rao (2023) Medical image fusion based on multi-scale decomposition using hybrid deep learning network model, *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*, 11:5, 2070-2080, DOI: <https://doi.org/10.1080/21681163.2023.2215877>
6. O. Pandithurai, C. Venkataiah, Shrikant Tiwari, N. Ramanjaneyulu "DDoS attack prediction using a honey badger optimization algorithm-based feature selection and Bi-LSTM in cloud environment" *Expert Systems with Applications (Elsevier publisher)*, Volume 241, 2024, 122544, ISSN 0957-4174, <https://doi.org/10.1016/j.eswa.2023.122544>. (SCIE Indexed)
7. M. Surya Bhupal Rao, Y. Mallikarjuna Rao, C. Venkataiah, G.L.N. Murthy, M. Dharani, Manjula Jayamma, Deep learning based classification of COVID-19 severity using hierarchical deep max out model, *Bio medical Signal Processing and Control*, Volume 88, Part A, 2024, 105653, ISSN 1746-8094, <https://doi.org/10.1016/j.bspc.2023.105653>.
8. V. V. Jaya Rama Krishnaiah, V. N. V. Satya Prakash, G. Rajesh Chandra, P. G. K. Sirisha, K. Jagan Mohan, Venkata Kishore Kumar Rejeti, P. Neela Sundari," Optimizing ZnO/CdS/CdTe bilayer structures for enhanced CdTe solar cell efficiency:

A machine learning approach” [MRS Advances \(springer.com\)](https://doi.org/10.1557/s43580-024-00772-w) ,
<https://doi.org/10.1557/s43580-024-00772-w> published online: 30 January 2024

9. Usen Dudekula et.al “Evaluating CZTS Solar Cell Performance Based on Generation and Recombination Models for Possible ETLs Through Numerical Analysis” *Journal of Electronic Materials* <https://doi.org/10.1007/s11664-024-10930-3> [Springer]
10. C. Venkataiah, R. Sireesha et al. “A novel NASNet model with LIME explainability for lung disease classification”, *Biomedical Signal Processing and Control* (Elsevier publisher), Volume 93, 2024,106114, ISSN 1746 8094, (Impact factor – 5.1, **SCIE Indexed**) <https://doi.org/10.1016/j.bspc.2024.106114>
11. **C.Venkataiah**, Y. Mallikarjuna Rao, S. Rambabu, S Kumar T, “Performance Analysis of Nano Transistor Based Binary and Ternary Logic Gates”, *International Journal of Integrated Engineering*, Vol. 16(2), 66-75, April, 2024. ISSN : 2229-838X.
(Scopus and ESCI Indexed).
12. Y. Madhusudhana Reddy,et.al., “Integrating IoT and Artificial Intelligent for Enhanced Electric Vehicle charging and Autonomous Driving for Sustainable Transportation.”, *Journal of Electrical Systems*20-2s(2024),893-900, April, 2024.
(Scopus and SCI Indexed).
13. .Dr.J.Sofia Priya Dharshini,published " optimized NOMA system using Hybrid Coding and Deep Learning - Based Channel Estimation, " in *Wireless Personal Communications* , vol: 134, pp. 1801-1826, April 2024. (**Indexing:SCI & Web of Science,Scopus**)
14. Kumar KV, **Sathish A.** RETRACTED ARTICLE: Medical image fusion based on type-2 fuzzy sets with teaching learning based optimization. *Multimedia Tools and Applications*. 2024 Mar, vol. 83, no. 11, pp.33235-62.