



EASWARI ENGINEERING COLLEGE

(Autonomous)

Bharathi salai, Ramapuram, Chennai



DEPARTMENT OF BIOMEDICAL ENGINEERING

Technical Paper Publications Year 2023

S.No.	CY: 2023	Conference/ Journal
1	Ahalya, R.K. , Almutairi, F.M., Snehalatha, U. et al. RANet: a custom CNN model and quanvolutional neural network for the automated detection of rheumatoid arthritis in hand thermal images. Sci Rep 13, 15638 (2023). https://doi.org/10.1038/s41598-023-42111-3	Journal
2	Manikandan, T.; Karthikeyan, S.; Babu, J. Jai Jaganath; Babu, G "Adaptive Fuzzy Logic Despeckling in Non-Subsampled Contourlet Transformed Ultrasound Pictures.", Intelligent Automation & Soft Computing, 2023, Vol 35, Issue 3, p2756, ISSN 1079-8587, doi: 10.32604/iasc.2023.030497	Journal
3	J. Sofia Bobby, B. Suresh Chander Kapali , Ushus S. Kumar, M. A. Femina, "QCBO-WSVM: Quantum chaos butterfly optimization-based weighted support vector machine for neuropathic pain detection from EEG signal" , Volume33, Issue5, International Journal of Imaging Systems and Technology, 2023	Journal
4	Reddy Vanga, G. Babu , V. K. A. Kumar, S. Aurelia, B. Sreedhar and S. Majji, "Preventing Data Leakage and Traffic Optimization in Software-Defined Programmable Networks," 2023 International Conference on Innovative Data Communication Technologies and Application (ICIDCA), Uttarakhand, India, 2023, pp. 632-635, doi: 10.1109/ICIDCA56705.2023.10099703.	Conference Proceedings
5	K. Kala, Sivakumar Sivalingam, Jayagopi gayathri, Yamuna Devi , "Encapsulation of Diosgenin in chitosan nanoparticles with enhanced invitro and invivo anticancer activity in Female Sprague Dawley rats, Surfaces and Interfaces", Volume 41, 2023, 103158, ISSN 2468-0230, https://doi.org/10.1016/j.surfin.2023.103158 .	Journal
6	S. Sathish , J. Shanmugapriyan, N. Malathy and K. Shruthi , "Bat Optimized CNN For Skin Cancer Detection Using Deep Learning Approach," 2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE), Madurai, India, 2023, pp. 1-5, doi: 10.1109/ICEMCE57940.2023.10433947.	Conference Proceedings