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Department of Computer Science and Engineering

Journal Publications

<u>August 2023-July 2024</u>								
Sl. No.	Author's Name	Title of the Paper	Title of the Journal	Publication			Online Link /DOI	Indexing
				Vol/Issue	Page_No	Year		
	Sneha Chinivar, MS Roopa, JS Arunalatha, KR Venugopal	Online aggression detection using ensemble techniques on fine-tuned transformer-based language models	Journal			July 2024	https://doi.org/10.1080/1206212X.2024.2380649	Q2 Scopus
	Ramyashree, Venugopala P. S., Raghavendra S., and Sarojadevi	Optimal Information Hiding: Advanced Bitstream-Based Watermarking for Secure and Efficient Integration of Image Data in Digital Videos	International Journal of Engineering			July 2024	https://doi.org/10.1155/2024/8860475	Q1 Scopus

	P.Shobha and N.Nalini	Co-expression and data Fusion Analysis of Omics data for Liver related Metabolic Diseases	Springer Nature Computer Science-SNCS			JUNE 2024	https://doi.org/10.1007/s42979-024-03023-9	Q2 Scopus
	Shekhar R, P. Arockia Mary, Manojkumar S B, P Ramesh Naidu , Chanakya Kumar, Dankan Gowda V	Artificial Intelligence Techniques for Biochemical Data Analysis: Opportunities and Challenges	African Journal of Biological Sciences			JUNE 2024	https://doi.org/10.33472/AFJBS.6.2.2024.1119-1141 (https://www.afjbs.com/uploads/paper/d8782b76f384aeee70dd0d8d40c8a26e.pdf)	Q4 Scopus
	Subramanya S G, Parkavi A, Ramachandra H V, Sowmya Somanath, Chaithra, Asha P N	An Intelligent Framework for Sustainable Horticulture: A Systematic Literature Review	Power System Technology				https://doi.org/10.52783/pst.462	Q1 Scopus
	Jagadevi N Kalshetty , Dr. Piyush Kumar Pareek Smita Vempati, Nalini N	Medical Image Security using POB based Artificial Intelligence Techniques for Reversible Data Hiding	African Journal of Biological Sciences			MAY 2024	https://doi.org/10.33472/AFJBS.6.9.2024.2139-2159	Q4 Scopus
	Jagadevi N Kalshetty , Dr. Piyush Kumar Pareek Smita Vempati, Nalini N	Securing Smart Cities: A Cybersecurity Perspective on Integrating IoT, AI, and Machine Learning for Digital Twin Creation	Journal of Electrical Systems			MAY 2024	https://doi.org/10.52783/jes.3548	Q4 Scopus
	A Suresh, Dileep Reddy Bolla, Y	Analysing the impact on groundwater quality using	Groundwater for Sustainable Development		101159	May 2024,	https://doi.org/10.1016/j.gsd.2024.101159	Q1 Scopus

	Baby Kalpana, Mastan Shareef RM	dynamic programming and vision transformer						
	Pundalik Chavan, H Hanumanthappa, EG Satish, Sunil Manoli, S Supreeth, S Rohith, HC Ramaprasad	Enhanced Hybrid Intrusion Detection System with Attention Mechanism using Deep Learning	SN Computer Science			MAY 2024	https://doi.org/10.1007/ s42979-024-02852-y	Q2 Scopus
	P. Nagarathna, Azra Jeelani, Samreen Fiza ,G. Tirumala Vasu &Koteswararao Seelam	Medical image registration with object deviation estimation through motion vectors using octave and level sampling	Automatika -Journal for Control, Measurement, Electronics, Computing and Communications			May 2024	https://doi.org/10.1080/ 00051144.2024.235354 3	Q2 Scopus
	Archana Naik	Efficient Job Scheduling in Cloud Environments using Reinforcement Learning Actor-Critic Models	Engineering, Technology & Applied Science Research			2024		Q2 Scopus
	Dr. Asha PN, Prof Subramanya SG, M. Prudhvinath reddy, Midathala prasad, Dinesh Karri, Nettem arun kumar	Chestx-Edge: An Integrated Approach For Outlier Detection In Chest X-Rays Using Dimension Reduction And Edge Detection	Educational Administration: Theory and Practice			MAY 2024	https://doi.org/10.5355 5/kuey.v30i5.3381	Q4 Scopus
	HS Manjula, MS Roopa, JS Arunalatha, KR Venugopal	An Intrusion Detection System against RPL-based Routing Attacks for IoT Networks	Journal			April 2024	https://doi.org/10.3390/ electronics11234041	Q3 Scopus

	Priyadarshani Shivakumar Mali, Bhagyashree Krishnarao Jagtap, Dankan Gowda V, B Ashreetha, G U Vasanthakumar, Mandeep Kaur; Venkatesan Hariram	Synergistic Applications of Nanostructured Boron Nitride in Photocatalysis and Targeted Drug Delivery	Nanotechnology for Environmental Engineering		179-188	April 2024	DOI: https://doi.org/10.1007/s41204-024-00367-8	Q2 Scopus
	Jayashree,Shivaprakash T, Venugopal KR	Unsupervised feature extraction based on uncorrelated approach	Information Sciences			March 2024	https://doi.org/10.1016/j.ins.2024.120447	Q1 Scopus
1.	Satish, E. G., Rajeshwari S. B., Vinay T. R., Asmathunnisa N., Kalpitha S. Naik, and Jagadish S. Kallimani.	Comparative Analysis of FPGA with Network on Chip Architecture with Routing Techniques	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)			march 2024	https://ijisae.org/index.php/IJISAE/article/view/5087	Q3 Scopus
2.	Uma R., Sarojadevi H.. and Sanju V.	Controller node driven hop count based data distribution algorithm in ring connected binary tree network-on-chip for parallel processing	Springer International Journal of Information Technology		2535-2547	February 2024	https://doi.org/10.1007/s41870-023-01718-5	Q2 Scopus
3.	Uma R., Sarojadevi H.. and Sanju V.	Controller node driven hop count based data distribution algorithm in ring connected binary tree network-on-chip for parallel processing	Springer International Journal of Information Technology		2535-2547	February 2024	https://doi.org/10.1007/s41870-023-01718-5	Q2 Scopus

4.	Jayashree,Shivaprakash T., Venugopal KR	MUNPE:Multi-view Uncorrelated Neighborhood Preserving Embedding for unsupervised feature extraction	Knowledge Based System			January 2024	https://doi.org/10.1016/j.knosys.2024.111421	Q1 Scopus
5.	Vijaya Shetty Sadanand; Shruthi Shetty Janardhana; Sowmya Purushothaman; Sarojadevi Hande; Ramya Prakash	Convolutional neural network-based techniques and error level analysis for image tamper detection	Indonesian Journal of Electrical Engineering and Computer Science (IJEECS)		1100 -1107	January 2024	https://doi.org/10.11591/ijeecs.v33.i2.pp1100-1107	Q3 Scopus
6.	Ramya .Srikanteswara, Ramachandra AC	Analyzing Color Features to Realize Adaptive Contour Model for Segmentation	IJST			December 2023	https://doi.org/10.17485/IJST/v16i46.1215	
7.	Ipseeta Nanda, Sowmya M.R., Lizina Khatua, Panduranga Ravi Teja, Pratibha Deshmukh	ALBERT-Based Personalized Educational Recommender System: Enhancing Students' Learning Outcomes in Online Learning	International Journal on Recent and Innovation Trends in Computing and Communication			December 2023	https://doi.org/10.17762/ijritcc.v11i10.8906	Q4 Scopus
8.	Murthy, G.N.K., Joshi, S., Rekha, H., Usha, B.S., Nandini Prasad, K.S.	MRI Intracranial Neoplasm Localization Using Convolution Neural Network Based Residual Block ResUnet: A Systematic Approach	International Journal of Electrical and Electronics Research			December 2023	DOI: https://doi.org/10.37391/ijeer.110433	Q3 Scopus

9.	Janardhana D R, A P Manu, Shivanna K, Suhas K C, Gururaj H L, Francesco Flammini	A Lightweight Blockchain to Secure Data Communication in IoT Network on Healthcare System	International Journal of Safety and Security Engineering			December 2023	https://doi.org/10.18280/ijssse.130604	Q3 Scopus
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