

JOURNAL PUBLICATIONS 2021

S.No	Faculty Name	Title of the paper	Author name	Journal Name	ISSN NO	Link to the paper
1	Dr S Valli	Multi-objective heuristics algorithm for dynamic resource scheduling in the cloud computing environment	Lalitha Devi K, Valli S	Journal of Supercomputing	9208542	https://link.springer.com/article/10.1007/s11227-020-03606-2
2		An Enhanced Approach to Map Domain-Specific Words in Cross-Domain Sentiment Analysis	Geethapriya A, Valli S	Information Systems Frontiers	1387-3326	https://link.springer.com/article/10.1007/s10796-020-10094-5
3		A comparative approach on detecting multi-lingual and multi-oriented text in natural scene images	Aparna Yegnaraman, Valli S	Applied Intelligence	0924-669X	https://link.springer.com/article/10.1007/s10489-020-01972-1
4		Multi-lingual text detection and identification using agile convolutional neural network	Aparna Yegnaraman, Valli S	Computational Intelligence	8247-935	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12467
5	Dr T V Geetha	Joint learning of author and citation contexts for computing drift in scholarly documents	Vijayarani J, Geetha T V	International Journal of Machine Learning and Cybernetics	1868-8071	https://link.springer.com/article/10.1007/s13042-020-01265-6
6		Pattern-based bootstrapping framework for biomedical relation extraction	Deepika S S, Geetha T V	Engineering Applications of Artificial Intelligence	9521-9760	https://www.journals.elsevier.com/engineering-applications-of-artificial-intelligence/lay-summaries/pattern-based-bootstrapping-framework-biomedical-relation
7		A learning to rank framework for future friendship ranking in streaming heterogeneous social networks	Mathi B, T.V.Geetha	Concurrency and Computation, Practice and Experience	1532-0626	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.6592
8	Dr D Manjula	A user preference tree based personalized route recommendation system for constraint tourism and travel	Kanimozhi U, Ganapathy Sannasi, D.Manjula, Kannan A	Soft Computing	1432-7643	https://link.springer.com/article/10.1007/s00500-021-06289-w
9	Dr A P Shanthi	Augmenting Transfer Learning with Feature Extraction Techniques for Limited Breast Imaging Datasets	Aswiga R V, Aishwarya R, Shanthi A P	Journal of Digital Imaging	89718890	https://pubmed.ncbi.nlm.nih.gov/33973065/
10		An application specific dynamic behaviour model using function-call sequence and memory access-graph for execution integrity verification	Dillesh E D, A.P.Shanthi	Computers and Security	1674048	https://www.sciencedirect.com/science/article/pii/S0167404821001231
11	Dr K S Easwara kumar	CGraM: Enhanced algorithm for community detection in social networks	Kalaichelvi Nallusamy, K.S.Easwarakumar	Intelligent Automation and Soft Computing	1079-8587	https://www.techscience.com/iasc/v31n2/44541
12	Dr.V.Mary Anita Rajam	Prediction of resource contention in cloud using second order Markov model	Dr.V.Mary Anita Rajam	Computing	0010-485X	https://link.springer.com/article/10.1007/s00607-021-00967-1

13	Dr S Chitrakala	Fusion-based Gaussian mixture model for background subtraction from videos	Subetha T, S.Chitrakala, Uday Theja	International Journal of Computer Applications in Technology	0952-8091	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAT.2021.119604?journalCode=ijcat
14		Topic adaptive sentiment classification based community detection for social influential gauging in online social networks	Kumaran P, S.Chitrakala	Multimedia Tools and Applications	1380-7501	https://link.springer.com/article/10.1007/s11042-021-11855-3
15		A novel mathematical modeling in shift in emotion for gauging the social influential in big data streams with hybrid sarcasm detection	Kumaran P, S.Chitrakala	Concurrency and Computation, Practice and Experience	1532-0626	https://en.x-mol.com/paper/article/1435378177333325824
16		Spatio-temporal feature fusion based correlative binary relevance for visual object detection	Amareesh M, S.Chitrakala	Concurrency and Computation, Practice and Experience	1532-0626	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.6709
17	Dr S Bose	Efficient Data Storage Model to Overcome the Storage Problems in Industries.	Lino Abraham, Varghese Varghese, S Bose	Dynamic Systems and Applications	1056-2176	https://www.scilit.net/article/da43911dea102b87f2546b901aa7cf9
18	Dr R Baskaran	SL2E-AFRE : Personalized 3D face reconstruction using autoencoder with simultaneous subspace learning and landmark estimation	Suganya Devi P R, Baskaran R	Applied Intelligence	0924-669X	https://link.springer.com/article/10.1007/s10489-020-02000-y
19		3D face expression recognition with ensemble deep learning exploring congruent features among expressions	Suganya Devi Rajagopal, R.Baskaran	Computational Intelligence	8247-935	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12498
20	Dr P Geetha	Deep learning based breast cancer detection and classification using fuzzy merging techniques	Krithiga R, P.Geetha	Machine Vision and Applications	9328092	https://link.springer.com/article/10.1007/s00138-020-01122-0
21		A new formation of supervised dimensionality reduction method for moving vehicle classification	K. Shilpaja Chandrasekar, P.Geetha	Neural Computing and Applications	9410643	https://www.researchgate.net/publication/348176679_A_new_formation_of_supervised_dimensionality_reduction_method_for_moving_vehicle_classification
22	Dr H. Khanna Nehemiah	Feature Selection and Classification of Clinical Datasets Using Bioinspired Algorithms and Super Learner	R. S. Bhuvaneshwaran, H. Khanna Nehemiah	Computational and Mathematical Methods in Medicine	1748-670X	https://www.hindawi.com/journals/cmmm/2021/6662420/
23		Classifying unevenly spaced clinical time series data using forecast error approximation based bottom-up (FeAB) segmented time delay neural network	Y. Nancy Jane,H. Khanna Nehemiah, Arputharaj Kannan	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization	2168-1163	https://www.tandfonline.com/doi/abs/10.1080/21681163.2020.1817791

24	Dr R.S.Bhuvanewaran	Cloud service recommendation system based on clustering trust measures in multi-cloud environment	Shenbaga Bharatha Priya. A, R.S.Bhuvanewaran	Journal of Ambient Intelligence and Humanized Computing	1868-5145,	https://www.semanticscholar.org/paper/Cloud-service-recommendation-system-based-on-trust-Priya-Bhuvanewaran/a6a47877a3f48837f52c0017bdf93d3be3b1cd
25	Dr P Uma Maheswari	Pattern Matching Model for Recognition of Stone Inscription Characters	K Durga Devi, P.Uma Maheswari, Phani Kumar Polasi, Preetha R, Vidyalakshmi M	The Computer Journal	0010-4620	https://academic.oup.com/comjnl/advance-article-abstract/doi/10.1093/comjnl/bxab177/6424463?redirectedFrom=fulltext
26		Inferior alveolar nerve canal segmentation by local features based neural network model	P.Uma Maheswari, Banumathi, Ulaganathan G, Yoganandha R	IET Image Processing	1751-9659	https://www.sciencegate.app/keyword/692540
27		An alternate method for finding more for less solution to fuzzy transportation problem with mixed constraints	Vidya V S, P.Uma Maheswari, Kishaanraj ganesan	Soft Computing	1432-7643	https://www.researchgate.net/publication/350595116_An_alternate_method_for_finding_more_for_less_solution_to_fuzzy_transportation_problem_with_mixed_constraints
28		The digital reconstruction of degraded ancient temple murals using dynamic mask generation and an extended exemplar-based region-filling algorithm	V Rahkhi Mol, P.Uma Maheswari	Heritage Science	2050-7445	https://heritagesciencejournal.springeropen.com/articles/10.1186/s40494-021-00604-2
29	Dr K Selvamani	DAD: Domain Adversarial Defense System against DDoS attacks in Cloud	Divyasree R, K.Selvamani	IEEE Transactions on Network and Service Management	1932-4537	https://ieeexplore.ieee.org/document/9488307
30	Dr Angelin Gladston	Deep Learning Model for enhanced Crop Identification From Landsat 8 Images	Suchitra B, Angelin Gladston	International Journal of Information Retrieval Research	2155-6377	https://www.igi-global.com/article/deep-learning-model-for-enhanced-crop-identification-from-landsat-8-images/298648
31		An Improved Text Extraction Approach with Auto Encoder for Creating Your Own Audiobook	Shakkthi Rajkumar, Shruthi Muthukumar, Aparna S. S, Angelin Gladston	International Journal of Information Retrieval Research	2155-6377	https://www.igi-global.com/article/an-improved-text-extraction-approach-with-auto-encoder-for-creating-your-own-audiobook/289570
32		RESTORING SAR IMAGES USING EFFECTIVE IMAGE RESTORATION APPROACH	Vaishnavi P, Angelin Gladston	International Journal of Information Retrieval Research	2155-6377	https://www.igi-global.com/article/restoring-sar-images-using-effective-image-restoration-approach/289951
33		Detection of Small Oranges Using YOLO v3 Feature Pyramid Mechanism	de Castro, Francisco, Angelin Gladston	International Journal of Natural Computing Research	1947-9298	https://www.igi-global.com/article/detection-of-small-oranges-using-yolo-v3-feature-pyramid-mechanism/308259

34	Dr D Shiloah Elizabeth	Automatic Segmentation of Liver from Abdominal Computed Tomography Images Using Energy Feature	Prabakaran Rajamanickam, Shiloah Elizabeth Darmanayagam, Sunil Retmin Raj Cyril Raj, Shiloah Elizabeth D	Computers Materials and Continua	1546-2218	https://techscience.com/cmc/v67n1/41189
35		An Enhanced Approach for Skin Lesion Smoothing and Segmentation from Dermoscopic Images	Thamaraiselvam Sarangapany, Shiloah Elizabeth Darmanayagam, Prabakaran Rajamanickam, Sunil Retmin Raj	Solid State Technology	0038-111X	http://solidstatetechnology.us/index.php/JSST/article/view/9763
36	Dr Jhon Prakash	Beyond Statistical Analysis in Chaos-Based CSPRNG Design	John Prakash Arockiasamy, Lydia Elizabeth Benjamin, Rhymend Uthariaraj Vaidyanathan	Security and Communication Networks	1939 - 0122	https://www.hindawi.com/journals/scn/2021/5597720/