

Dr. S.P.Shantharajah
List of Publications in last 5 Years

S.No	Title of the Paper	Name of the Journal	Issue Month/Year
1.	A steganographic method based on optimized audio embedding technique for secure data communication in the internet of things	Computational Intelligence (WILEY Publications)	Vol.36, No.2, pp.557-573, May 2020. (IF 2.09)
2.	Agricultural leaf blight disease segmentation using indices based histogram intensity segmentation approach	Multimedia Tools and Applications (Springer Publications)	Vol.79, No.13, pp.9145-59, Apr 2020
3.	Implementation of enhanced canny recognition algorithm and non – natural neural system based speech fusion for sightless persons	Multimedia Tools and Applications(Springer)	pp.1-14, 2019. (IF 2.101)
4.	High-performance feature selection model for network intrusion detection system	International Journal of Engineering and Advanced Technology	Nov 2019
5.	An optimized feature selection based on genetic approach and support vector machine for heart disease	Cluster Computing (Springer)	pp.1-11, 2019. (IF 2.040)
6.	Improved canny detection algorithm for processing and segmenting text from the images	Cluster Computing (Springer)	pp.1-7, 2019.(IF 2.040)
7.	Avian Based Intelligent Algorithm to Provide Zero Tolerance Load Balancer for Cloud Based Computing Platforms	International Journal of Grid and High Performance Computing	Vol.11, No.4, pp.42-47, Oct 2019. (IF1.26)
8.	Optimal body mass index cutoff point for cardiovascular disease and high blood pressure	Neural Computing and Applications (Springer)	Vol.31. No.5, pp.1585-1594, May 2019. (IF 4.664)
9.	Histogram-Equalized Hypercube Adaptive Linear Regression for Image Quality Assessment	Sadhana- Indian Academy of Sciences	44, 162, July 2019. (Springer Nature publisher) (IF 1.05)
10.	Agricultural leaf blight disease segmentation using indices based histogram intensity segmentation approach	Multimedia Tools and Applications (Springer)	pp.1-15, Jan 2019. (IF 2.101)
11.	Smart green resource conservation approach for smart IoT cloud	Journal of Computational and Theoretical Nanoscience	Vol.15, No:6-7, pp. 2069-2075, June 2018. (IF0.27)
12.	Survey on data analytics techniques in healthcare using IOT platform	Journal of Reasoning-based Intelligent Systems	Vol.10 No.3/4, pp.183 – 196, Nov 2018. (IF 0.41)
13.	Secure medical data transmission by using collaborative neighbour based method in WBAN	World Review of Science, Technology and Sustainable Development (Inderscience Publications)	Vol. 14, No.1 pp. 29 - 33, June 2018. (IF 0.51)

14.	Six-face cubical key encryption and decryption based on product cipher using hybridisation and Rubik's cubes	IET Networks	Vol.7, No.5, pp.313-320, Sep 2018. (IF2.27)
15.	Passive Incidental Alertness—Based Link Visualization for Secure Data Transmission in Manet	Journal of Applied Security Research	Vol.12, No.2, pp.304-322, April-2017.
16.	Dynamic energy optimization technique in mobile cloudlet for Mobile Cloud Computing using effective offloading algorithm	Journal of Theoretical and Applied Information Technology	Vol.95, No.12, pp. 2851-2865, June-2017.
17.	Survey about Segmentation Feature Extraction and Classification of Disease Affected Leaf Using Digital Image	Journal of Advanced Research in Dynamical and Control Systems	ISSN: 1943-023X, No.14, pp. 1694-1701, 2017.
18.	Satellite Image Processing For Biomass Estimation using LANDSAT and ENVISAT Images	Journal of Global Pharma Technology	Vol.8, No:12, 09758542, pp.12-21, Dec-2016.
19.	Anomaly based Intrusion Detection Methods in Network Infrastructure-A Survey	Asian Journal of Research in Social Sciences and Humanities	22497315, Vol.7, No.1, pp.178-197, Jan 2017.
20.	Authenticated and Security Maintenance in Wireless Sensor Network by Filtering Injected False Data	Journal of Scientific and Industrial Research (JSIR)	Vol.75, No.12, pp.713-719, Dec 2016.
21.	Scrambling algorithm for encryption of text using cube rotation artificial intelligence technique	Journal of Biomedical Research –India, Computational Life Science and Smarter Technological Advancement	ISSN 0970-938X, pp.251-256, August 2016.
22.	Virtual Voting Endorsed with Identity Confirmation and Focusing on Cost Effectiveness	International Journal of Pharmacy & Technology	Vol.8, No.4, pp.26051-26057, Dec 2016.
23.	An Effective Segmentation Pattern Using Multi-class Independent Component Analysis on High Quality Color Texture Images	Research Journal of Applied Sciences, Engineering and Technology	Vol.12.No.9, pp. 916-925, May 2016.
24.	Desining Bimatrix Game Thoery Based Nash Equilibrium For Information Security Based On Risk Analysis In Cloud	Journal of Theoretical and Applied Information Technology	Vol.88. No.2, June 2016
25.	Comparison of Hybrid Approaches with Traditional Algorithms for Improving Scalability	Journal of Web Engineering, Vol.14, Issue.No-3&4, 286-300, 2015.	Vol.14, Issue.No-3&4, 286-300, 2015.
26.	An Effective Collaborative Querying Using Distributed Clustering Algorithm on Multiple Domain	International Journal of Applied Engineering Research	ISSN 0973-4562, Vol.10, No.24, pp.44263-44270, 2015.
27.	A Study on NSL-KDD Dataset for Intrusion Detection System Based on Classification Algorithms	International Journal of Advanced Research in Computer and	Vol.4, No.6, June 2015

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