S.P.SHANTHARAJAH
Professor & HEAD (SSE),
School of Information Technology and Engineering,
VIT , Vellore.
spshantharaj@gmail.com
9488477948

List of Publications:

1	A Study on NSL-KDD Dataset for Intrusion Detection System Based on Classification Algorithms	2015
	L Dhanabal, SP Shantharajah	
	International Journal of Advanced Research in Computer and Communication …	
2	An optimized feature selection based on genetic approach and support vector machine for heart disease	2018
	SPS C.B.Gokulnath	
	Cluster Computing, 1-11	
3	Optimal body mass index cutoff point for cardiovascular disease and high blood pressure	2019
	GC Babu, SP Shantharajah	
	Neural computing and applications 31 (5), 1585-1594	
4	Integrating health behavioural change theories in the design of prediabetes self-care applications: A systematic literature review	2016
	S Subramaniam, JS Dhillon, MS Ahmad, C Teoh, JWS Leong	
	Journal of Theoretical and Applied Information Technology 88 (2), 189-201	
5	Key management and distribution for authenticating group communication	2006
	SP Shantharajah, K Duraiswamy, GMK Nawaz	
	First International Conference on Industrial and Information Systems, 133-137	
6	Agricultural leaf blight disease segmentation using indices based histogram intensity segmentation approach	2020
	S Kalaivani, SP Shantharajah, T Padma	
	Multimedia Tools and Applications 79 (13), 9145-9159	
7	Intelligent decision support system for an integrated pest management in apple orchard	2017
	T Padma, SA Mir, SP Shantharajah	
	Intelligent decision support systems for sustainable computing, 225-245	
8	Scrambling algorithm for encryption of text using cube rotation artificial intelligence technique	2016
	D Rajavel, SP Shantharajah	
	Biomedical Research	
9	Improved canny detection algorithm for processing and segmenting text from the images	2018
	P Arunkumar, SP Shantharajah, M Geetha	
	Cluster Computing, 1-7	
10	Adaptive neural fuzzy interface system for cloud computing	2016
	MM Vamsi, SP Shantharajah	
	International Journal 6 (10)	
11	An effective segmentation pattern using multi-class independent component analysis on high quality color texture images	2016
	N Balakrishnan, SP Shantharajah	
	Research Journal of Applied Sciences, Engineering and Technology 12 (9), 916-925	

12	Authenticated and security maintenance in wireless sensor network by filtering injected false data	2016
	L Devi, M MCA, SP Shantharajah	
	J Sci Ind Res 75, 713-719	
13	A survey on authentication and security maintenance in wireless sensor network	2015
	L Devi, SP Shantharajah	
	International Journal of Computer Science and Mobile Computing	
14	Selective Marketing for Retailers to promote stock using improved Ant Colony algorithm	2013
	S Suriya, SP Shantharajah	
	International Journal of Engineering and Technology (IJET) 5 (5), 3715-3725	
15	Double line clustering based colour image segmentation technique for plant disease detection	2018
	S Kalaivani, SP Shantharajah, T Padma	
	Current Medical Imaging Reviews 14 (1)	
16	Passive incidental alertness—based link visualization for secure data transmission in manet	2017
	S Uma, SP Shantharajah, C Rani	
	Journal of Applied Security Research 12 (2), 304-322	
17	A steganographic method based on optimized audio embedding technique for secure data communication in the internet of things	2020
	S Anguraj, SP Shantharajah, JJ Emilyn	
	Computational Intelligence 36 (2), 557-573	
18	Smart Green Resource Conservation Approach for Smart IoT Cloud	2018
	GS Shanmugam, SP Shantharajah, NC Iyengar, S Narayana	
	Journal of Computational and Theoretical Nanoscience 15 (6-7), 2069-2075	
19	Six Face Cubical Key Encryption and Decryption Based on Product Cipher Using Hybridization and Rubiks Cubes	2018
	AKS D Rajavel, S P Shantharajah, T Padma	
	IET Networks 7	
20	Survey on data analytics techniques in healthcare using IOT platform	2018
	GC Babu, SP Shantharajah	
	International Journal of Reasoning-based Intelligent Systems 10 (3-4), 183-196	
21	An image de-noising method based on intensity histogram equalization technique for image enhancement	2017
	SP Shantharajah, T Ramkumar, N Balakrishnan	
	Advanced Image Processing Techniques and Applications, 121-132	
22	An optimized rubber sheet model for normalization phase of IRIS recognition	2020
	S Selvamuthukumaran, T Ramkumar, S Shantharajah	
	Computer Science and Information Technologies 1 (3), 126-134	
23	Avian Based Intelligent Algorithm to Provide Zero Tolerance Load Balancer for Cloud Based Computing Platforms	2019
	G Sivashanmugam, SP Shantharajah, NCSN Iyengar	
	International Journal of Grid and High Performance Computing (IJGHPC) 11 (4 …	
24	Histogram-Equalized Hypercube Adaptive Linear Regression for Image Quality Assessment	2019
	N Balakrishnan, SP Shantharajah	
	Sādhanā 44 (7), 162	
25	Intelligent Pervasive Computing Systems for Smarter Healthcare	2019
	AK Sangaiah, SP Shantharajah, P Theagarajan	

John Wiley & Sons, Incorporated

26   Implementation of enhanced canny recognition algorithm and non–natural neural system based speech fusion for sightless persons   2019

P Arunkumar, SP Shantharajah

Multimedia Tools and Applications, 1-14

27   Secure medical data transmission by using collaborative neighbour based method in WBAN   2018

L Devi, SP Shantharajah

World Review of Science, Technology and Sustainable Development 14 (1), 29-33

28   Plantation Land Segmentation for an Orchard Establishment Using FAHP   2017

T Padma, SP Shantharajah, SA Mir

Fuzzy Analytic Hierarchy Process, 369-392

29   DYNAMIC ENERGY OPTIMIZATION TECHNIQUE IN MOBILE CLOUDLET FOR MOBILE CLOUD COMPUTING USING EFFECTIVE OFFLOADING ALGORITHM.   2017

P PRIYA, SP SHANTHARAJAH

Journal of Theoretical & Applied Information Technology 95 (12)

30   Anomaly based Intrusion Detection Methods in Network Infrastructure-A Survey   2017

L Dhanabal, SP Shantharajah, T Padma

Asian Journal of Research in Social Sciences and Humanities 7 (1), 178-197

31   DESINING BIMATRIX GAME THOERY BASED NASH EQUILIBRIUM FOR INFORMATION SECURITY BASED ON RISK ANALYSIS IN CLOUD   2016

V Viswanathan, SP Shantharajah, P Navaneetham

Journal of Theoretical and Applied Information Technology 88 (2), 286

32   Virtual voting endorsed with identity confirmation and focusing on cost effectiveness   2016

Vijayakumar.R, Shantharajah.S.P.

International Journal of Pharmacy and Technology 8 (4), 26051-26057