Dr. N.Jaisankar
Professor
Department of Software Systems, School of Computer Science and Engineering,
Vellore Institute of Technology
Vellore-632014
Email: njaisankar@vit.ac.in
Computer Networks, Machine Learning, Cloud Computing
Intercom: 2706

S.NO	TITLE	Year of Publication
	Publication Type: Journal Article	
1.	An automated resource management framework for minimizing SLA violations and negotiation in collaborative cloud KSS Kumar, N Jaisankar International Journal of Cognitive Computing in Engineering 1, 27-35	2020
2.	Lung cancer prediction using higher-order recurrent neural network based on glowworm swarm optimization R Selvanambi, J Natarajan, M Karuppiah, SKH Islam, MM Hassan, Neural Computing and Applications 32 (9), 4373-4386	2020
3.	Trust-based fruit fly optimisation algorithm for task scheduling in a cloud environment P Govindaraj, J Natarajan International Journal of Internet Manufacturing and Services 7 (1-2), 97-114	2020
4.	A Fuzzy Based Trust Evaluation Model for Service Selection in Cloud Environment G Priya, N Jaisankar International Journal of Grid and High Performance Computing (IJGHPC) 11 (4 …	2019
5.	A fuzzy inference-based trust model estimation system for service selection in cloud computing R Thomas, P Govindaraj, J Natarajan International Journal of Information Technology and Management 18 (2-3), 143-155	2019
6.	Multicriteria-Based Ranking Framework for Measuring Performance of Cloud Service Providers KSS Kumar, N Jaisankar Soft Computing and Signal Processing, 419-427	2019
7.	Comparison between optimised genetic-based Honda algorithm and Honda algorithm for collision avoidance system KG Manjunath, N Jaisankar International Journal of Business Intelligence and Data Mining 14 (1-2), 13-24	2019
8.	Effective optimisation of Honda algorithm for rear end collision avoidance system with genetic algorithm KG Manjunath, N Jaisankar International Journal of Business Intelligence and Data Mining 14 (1-2), 3-12	2019
9.	Hybrid model for security-aware cluster head selection in wireless sensor networks A Shankar, N Jaisankar, MS Khan, R Patan, B Balamurugan IET Wireless Sensor Systems 9 (2), 68-76	2018

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10.	Dynamicity of the scout bee phase for an Artificial Bee Colony for optimized cluster head and network parameters for energy efficient sensor routing A Shankar, N Jaisankar Simulation 94 (9), 835-847	2018
11.	Exploration on predicting breast cancer stage with the aid of redesigned ANN incorporated with enhanced social spider optimisation technique R Selvanambi, J Natarajan International Journal of Intelligent Systems Technologies and Applications …	2018
12.	An optimal path selection in a clustered wireless sensor network environment with swarm intelligence-based data aggregation for air pollution monitoring system M Subramanian, N Jaisankar International Journal of Computer Aided Engineering and Technology 10 (4 …	2018
13.	Performance evaluation of association rule mining with enhanced Apriori algorithm incorporated with artificial bee colony optimization algorithm R Selvanambi, J Natarajan International Journal of Intelligent Engineering and Systems 10 (2), 58-67	2017
14.	Towards data centre resource scheduling via hybrid cuckoo search algorithm in multi-cloud environment KSS Kumar, N Jaisankar International Journal of Intelligent Enterprise 4 (1-2), 21-35	2017
15.	Pattern taxonomy mining for text categorization N Kesavan, N Jaisankar, S Ramani International Journal of Computer Applications 168 (8)	2017
16.	Security enabled cluster head selection for wireless sensor network using improved firefly optimization A Shankar, N Jaisankar International conference on soft computing and pattern recognition, 176-192	2016
17.	A Study on Some Tasks, Corpus and Resources of Medical Information Retrieval P Gayathri, N Jaisankar Indian Journal of Science and Technology 9, 25	2016
18.	A clustered wireless sensor network based air pollution monitoring system with swarm intelligence based data aggregation S Murali, N Jaisankar Jurnal Teknologi 78 (7)	2016
19.	Optimized Balanced Scheduling of Two Phase Top Down Specialization for Diabetes Patients using Map Reduce. KS Kumar, N Jaisankar RESEARCH JOURNAL OF PHARMACEUTICAL BIOLOGICAL AND CHEMICAL SCIENCES 7 (3 …	2016
20.	Cyclic Repeated Patterns in Sequential Pattern Mining Based on the Fuzzy C-Means Clustering and Association Rule Mining Technique R Selvanambi, J Natarajan International Journal of Intelligent Engineering and Systems 10 (1)	2016

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	Publication Type: Journal Article	
21.	A hybrid neuro-fuzzy system-based ranking function and its application to effective medical information retrieval P Gayathri, N Jaisankar International Journal of Intelligent Information and Database Systems 9 (3-4 …	2016
22.	Improved Associativity Based Routing for Multi Hop Networks Using TABU Initialized Genetic Algorithm H Santhi, N Jaisankar, A Handa, A Kaul International Journal of Applied Engineering Research 11 (7), 4830-4837	2016
23.	Towards an Efficient Approach for Automatic Medical Document Summarization P Gayathri, N Jaisankar Cybernetics and Information Technologies 15 (4), 78-91	2015
24.	Automatic annotation generation of medical documents for effective medical information retrieval P Gayathri, N Jaisankar International Journal of Reasoning-based Intelligent Systems 7 (3-4), 305-314	2015
25.	Android application for ticket booking and ticket checking in suburban railways S Ghosal, S Chaturvedi, A Taywade, N Jaisankar Indian Journal of Science and Technology 8 (S2), 171-178	2015