Nivethitha Somu

List of Publications by Year
in descending order

21 papers	**1,059** citations	686830 **13** h-index	713013 **21** g-index
23 all docs	**23** docs citations	**23** times ranked	**854** citing authors

#	Article	IF	Citations
1	A deep learning framework for building energy consumption forecast. Renewable and Sustainable Energy Reviews, 2021, 137, 110591.	8.2	180
2	A hybrid deep transfer learning strategy for thermal comfort prediction in buildings. Building and Environment, 2021, 204, 108133.	3.0	47
3	EnsembleNTLDetect: An Intelligent Framework for Electricity Theft Detection in Smart Grid. , 2021, , .		3
4	An efficient intrusion detection technique based on support vector machine and improved binary gravitational search algorithm. Artificial Intelligence Review, 2020, 53, 3255-3286.	9.7	46
5	IIVIFS-WASPAS: An integrated Multi-Criteria Decision-Making perspective for cloud service provider selection. Future Generation Computer Systems, 2020, 103, 91-110.	4.9	52
6	WNN-EDAS: A Wavelet Neural Network Based Multi-criteria Decision-Making Approach for Cloud Service Selection. Advances in Intelligent Systems and Computing, 2020, , 853-865.	0.5	11
7	A hybrid model for building energy consumption forecasting using long short term memory networks. Applied Energy, 2020, 261, 114131.	5.1	203
8	IBGSS: An Improved Binary Gravitational Search Algorithm based search strategy for QoS and ranking prediction in cloud environments. Applied Soft Computing Journal, 2020, 88, 105945.	4.1	10
9	A multilayer perceptron model for anomaly detection in water treatment plants. International Journal of Critical Infrastructure Protection, 2020, 31, 100393.	2.9	28
10	An improved rough set approach for optimal trust measure parameter selection in cloud environments. Soft Computing, 2019, 23, 11979-11999.	2.1	12
11	A hybrid approach using rough set theory and hypergraph for feature selection on high-dimensional medical datasets. Soft Computing, 2019, 23, 12655-12672.	2.1	7
12	GCRITICPA: A CRITIC and Grey Relational Analysis Based Service Ranking Approach for Cloud Service Selection. Communications in Computer and Information Science, 2019, , 3-16.	0.4	3
13	Anomaly Detection in Critical Infrastructure Using Probabilistic Neural Network. Communications in Computer and Information Science, 2019, , 129-141.	0.4	8
14	A trust centric optimal service ranking approach for cloud service selection. Future Generation Computer Systems, 2018, 86, 234-252.	4.9	43
15	E-FPROMETHEE: An Entropy Based Fuzzy Multi Criteria Decision Making Service Ranking Approach for Cloud Service Selection. Communications in Computer and Information Science, 2018, , 224-238.	0.4	7
16	An improved robust heteroscedastic probabilistic neural network based trust prediction approach for cloud service selection. Neural Networks, 2018, 108, 339-354.	3.3	34
17	A Hypergraph and Arithmetic Residue-based Probabilistic Neural Network for classification in Intrusion Detection Systems. Neural Networks, 2017, 92, 89-97.	3.3	75
18	A rough set-based hypergraph trust measure parameter selection technique for cloud service selection. Journal of Supercomputing, 2017, 73, 4535-4559.	2.4	25

#	Article	IF	Citations
19	An efficient intrusion detection system based on hypergraph - Genetic algorithm for parameter optimization and feature selection in support vector machine. Knowledge-Based Systems, 2017, 134, 1-12.	4.0	181
20	A computational model for ranking cloud service providers using hypergraph based techniques. Future Generation Computer Systems, 2017, 68, 14-30.	4.9	49
21	Hypergraph Based Feature Selection Technique for Medical Diagnosis. Journal of Medical Systems, 2016, 40, 239.	2.2	29