Ramalingaswamy Cheruku

List of Publications by Year
in descending order

22 papers	447 citations	840119 11 h-index	887659 17 g-index
22 all docs	**22** docs citations	**22** times ranked	**325** citing authors

#	Article	IF	Citations
1	SM-RuleMiner: Spider monkey based rule miner using novel fitness function for diabetes classification. Computers in Biology and Medicine, 2017, 81, 79-92.	3.9	50
2	Hybrid credit scoring model using neighborhood rough set and multi-layer ensemble classification. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1543-1549.	0.8	48
3	RST-BatMiner: A fuzzy rule miner integrating rough set feature selection and Bat optimization for detection of diabetes disease. Applied Soft Computing Journal, 2018, 67, 764-780.	4.1	48
4	A novel hybrid credit scoring model based on ensemble feature selection and multilayer ensemble classification. Computational Intelligence, 2019, 35, 371-394.	2.1	47
5	An Efficient Load Balancing of Gateways Using Improved Shuffled Frog Leaping Algorithm and Novel Fitness Function for WSNs. IEEE Sensors Journal, 2017, 17, 6724-6733.	2.4	43
6	A PSO Based Routing with Novel Fitness Function for Improving Lifetime of WSNs. Wireless Personal Communications, 2019, 104, 73-89.	1.8	39
7	An Efficient Multi-layer Ensemble Framework with BPSOGSA-Based Feature Selection for Credit Scoring Data Analysis. Arabian Journal for Science and Engineering, 2018, 43, 6909-6928.	1.7	35
8	Diabetes Classification using Radial Basis Function Network by Combining Cluster Validity Index and BAT Optimization with Novel Fitness Function. International Journal of Computational Intelligence Systems, 2017, 10, 247.	1.6	31
9	SCE-PSO based clustering approach for load balancing of gateways in wireless sensor networks. Wireless Networks, 2019, 25, 1067-1081.	2.0	25
10	Diabetes-Finder: A Bat Optimized Classification System for Type-2 Diabetes. Procedia Computer Science, 2017, 115, 235-242.	1.2	20
11	Shuffled Complex Evolution Approach for Load Balancing of Gateways in Wireless Sensor Networks. Wireless Personal Communications, 2018, 98, 3455-3476.	1.8	20
12	Lie detection using extreme learning machine: A concealed information test based on short-time Fourier transform and binary bat optimization using a novel fitness function. Computational Intelligence, 2020, 36, 637-658.	2.1	14
13	GWO-GA Based Load Balanced and Energy Efficient Clustering Approach for WSN. Smart Innovation, Systems and Technologies, 2020, , 287-295.	0.5	7
14	Automatic disease diagnosis using optimised weightless neural networks for low-power wearable devices. Healthcare Technology Letters, 2017, 4, 122-128.	1.9	5
15	PSO-RBFNN: A PSO-Based Clustering Approach for RBFNN Design to Classify Disease Data. Lecture Notes in Computer Science, 2017, , 411-419.	1.0	5
16	Selector: PSO as Model Selector for Dual-Stage Diabetes Network. Journal of Intelligent Systems, 2019, 29, 475-484.	1.2	4
17	Bin-BB: Binning with Branch & Bound feature selection for improved diabetes classification. , 2017, , .		2
18	A Bi-Level Cascaded Ensemble Framework for Effective Disease Diagnosis. , 2019, , .		2

#	Article	IF	Citations
19	A novel green stable evolutionary routing algorithm for energy efficiency in WSNS. , 2017, , .		1
20	Review on RBFNN Design Approaches: A Case Study on Diabetes Data. Advances in Intelligent Systems and Computing, 2018, , 103-112.	0.5	1
21	Intelli-DRM: An intelligent computational model for forecasting severity of diabetes mellitus. , 2017, , .		0
22	Dynamic Multi-layer Ensemble Classification Framework for Social Venues Using Binary Particle Swarm Optimization. Wireless Personal Communications, 2019, 105, 1491-1511.	1.8	0