

Mohammed Alweshah

List of Publications by Year in descending order

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39
papers

925
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567281
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g-index

42
all docs

42
docs citations

42
times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	African buffalo algorithm: Training the probabilistic neural network to solve classification problems. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1808-1818.	3.9	18
2	The monarch butterfly optimization algorithm for solving feature selection problems. Neural Computing and Applications, 2022, 34, 11267-11281.	5.6	76
3	Salp swarm optimizer for modeling the software fault prediction problem. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 3365-3378.	3.9	14
4	Coronavirus herd immunity optimizer with greedy crossover for feature selection in medical diagnosis. Knowledge-Based Systems, 2022, 235, 107629.	7.1	55
5	Intrusion detection for IoT based on a hybrid shuffled shepherd optimization algorithm. Journal of Supercomputing, 2022, 78, 12278-12309.	3.6	2
6	Backpropagation Neural Network optimization and software defect estimation modelling using a hybrid Salp Swarm optimizer-based Simulated Annealing Algorithm. Knowledge-Based Systems, 2022, 244, 108511.	7.1	25
7	Vehicle routing problems based on Harris Hawks optimization. Journal of Big Data, 2022, 9, .	11.0	8
8	Self-adaptive salp swarm algorithm for optimization problems. Soft Computing, 2022, 26, 9349-9368.	3.6	10
9	A hybrid mine blast algorithm for feature selection problems. Soft Computing, 2021, 25, 517-534.	3.6	49
10	Solving feature selection problems by combining mutation and crossover operations with the monarch butterfly optimization algorithm. Applied Intelligence, 2021, 51, 4058-4081.	5.3	20
11	Monarch butterfly optimization algorithm for computed tomography image segmentation. Multimedia Tools and Applications, 2021, 80, 30057-30090.	3.9	18
12	A Non-convex Economic Load Dispatch Using Hybrid Salp Swarm Algorithm. Arabian Journal for Science and Engineering, 2021, 46, 8721-8740.	3.0	26
13	Salp Swarm Optimizer for Modeling Software Reliability Prediction Problems. Neural Processing Letters, 2021, 53, 4451-4487.	3.2	20
14	A Hybrid Salp Swarm Algorithm with Artificial Neural Network Model for Predicting the Team Size Required for Software Testing Phase. , 2021, , .		4
15	\$\$eta\$\$-Hill climbing algorithm with probabilistic neural network for classification problems. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3405-3416.	4.9	19
16	Improved water cycle algorithm with probabilistic neural network to solve classification problems. Cluster Computing, 2020, 23, 2703-2718.	5.0	21
17	An optimal pruning algorithm of classifier ensembles: dynamic programming approach. Neural Computing and Applications, 2020, 32, 16091-16107.	5.6	97
18	A Hybrid Grey Wolf Optimiser Algorithm for Solving Time Series Classification Problems. Journal of Intelligent Systems, 2019, 29, 846-857.	1.6	13

#	ARTICLE	IF	CITATIONS
19	A comparative study on spiking neural network encoding schema: implemented with cloud computing. Cluster Computing, 2019, 22, 419-433.	5.0	15
20	Construction biogeography-based optimization algorithm for solving classification problems. Neural Computing and Applications, 2019, 31, 5679-5688.	5.6	17
21	Metaheuristic Algorithms-based Feature Selection Approach for Intrusion Detection. , 2019, , 184-208.		8
22	Water Evaporation Algorithm with Probabilistic Neural Network for Solving Classification Problems. Jordanian Journal of Computers and Information Technology, 2019, , 1.	0.4	7
23	A HIERARCHICAL CLASSIFIER FOR MULTICLASS PROSTATE HISTOPATHOLOGY IMAGE GLEASON GRADING. Journal of Information and Communication Technology, 2018, 17, .	0.4	2
24	Solving time series classification problems using support vector machine and neural network. International Journal of Data Analysis Techniques and Strategies, 2017, 9, 237.	0.2	10
25	Biogeography-based optimisation for data classification problems. International Journal of Data Mining, Modelling and Management, 2017, 9, 142.	0.1	7
26	The impact of information and communication technologies on the application of knowledge management: an empirical study on commercial banks operating in the Jordanian capital city 'Amman'. International Journal of Technology, Policy and Management, 2017, 17, 95.	0.3	0
27	Text Line Segmentation of Al-Quran Pages Using Binary Representation. Advanced Science Letters, 2017, 23, 11498-11502.	0.2	4
28	Solving time series classification problems using support vector machine and neural network. International Journal of Data Analysis Techniques and Strategies, 2017, 9, 237.	0.2	3
29	The impact of information and communication technologies on the application of knowledge management: an empirical study on commercial banks operating in the Jordanian capital city 'Amman'. International Journal of Technology, Policy and Management, 2017, 17, 95.	0.3	0
30	Biogeography-based optimisation for data classification problems. International Journal of Data Mining, Modelling and Management, 2017, 9, 142.	0.1	4
31	A case-based reasoning approach for pattern detection in Malaysia rainfall data. International Journal of Big Data Intelligence, 2015, 2, 285.	0.4	11
32	Hybridizing firefly algorithms with a probabilistic neural network for solving classification problems. Applied Soft Computing Journal, 2015, 35, 513-524.	7.2	74
33	Cluster based data reduction method for transaction datasets. , 2015, , .		2
34	Toward a student information system for Sebha University, Libya. , 2015, , .		6
35	Mining survey data on university students to determine trends in the selection of majors. , 2015, , .		6
36	Evolution of Software Reliability Growth Models: A Comparison of Auto-Regression and Genetic Programming Models. International Journal of Computer Applications, 2015, 125, 20-25.	0.2	8

#	ARTICLE	IF	CITATIONS
37	Firefly Algorithm with Artificial Neural Network for Time Series Problems. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 3978-3982.	0.1	43
38	Performance Analysis of EIGRP via OSPF Based on OPNET and GNS3. Research Journal of Applied Sciences, Engineering and Technology, 2014, 8, 989-994.	0.1	4
39	A Mobile Robot Path Planning Using Genetic Algorithm in Static Environment. Journal of Computer Science, 2008, 4, 341-344.	0.6	194