Reza Akbari

List of Publications by Year
in descending order

48 papers	1,146 citations	758635 12 h-index	525886 27 g-index
48 all docs	48 docs citations	48 times ranked	1070 citing authors

#	Article	IF	Citations
1	A multi-objective artificial bee colony algorithm. Swarm and Evolutionary Computation, 2012, 2, 39-52.	4.5	276
2	Swarm intelligence based fuzzy routing protocol for clustered wireless sensor networks. Expert Systems With Applications, 2016, 55, 313-328.	4.4	134
3	A novel bee swarm optimization algorithm for numerical function optimization. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3142-3155.	1.7	116
4	On the performance of bee algorithms for resource-constrained project scheduling problem. Applied Soft Computing Journal, 2011, 11, 3720-3733.	4.1	113
5	A multilevel evolutionary algorithm for optimizing numerical functions. International Journal of Industrial Engineering Computations, 2011, 2, 419-430.	0.4	67
6	A rank based particle swarm optimization algorithm with dynamic adaptation. Journal of Computational and Applied Mathematics, 2011, 235, 2694-2714.	1.1	57
7	Termite colony optimization: A novel approach for optimizing continuous problems. , 2010, , .		53
8	A multi-objective Artificial Bee Colony for optimizing multi-objective problems. , 2010, , .		34
9	Multi criteria analysis of Controller Placement Problem in Software Defined Networks. Computer Communications, 2019, 133, 115-128.	3.1	30
10	Artificial Bee colony for resource constrained project scheduling problem. International Journal of Industrial Engineering Computations, 2011, 2, 45-60.	0.4	26
11	Optimal controller placement in large scale software defined networks based on modified NSGA-II. Applied Intelligence, 2018, 48, 2809-2823.	3.3	25
12	A powerful bee swarm optimization algorithm. , 2009, , .		23
13	A new framework for reliable control placement in software-defined networks based on multi-criteria clustering approach. Soft Computing, 2020, 24, 2897-2916.	2.1	20
14	A study on the performance of differential search algorithm for single mode resource constrained project scheduling problem. Decision Science Letters, 2015, 4, 537-550.	0.5	16
15	Predicting the bug fixing time using word embedding and deep long short term memories. IET Software, 2020, 14, 203-212.	1.5	16
16	A novel multicast traffic engineering technique in SDN using TLBO algorithm. Telecommunication Systems, 2018, 68, 583-592.	1.6	12
17	Combination of Particle Swarm Optimization and Stochastic Local Search for Multimodal Function Optimization. , 2008, , .		11
18	A Hybrid Method for Robust Multiple Objects Tracking in Cluttered Background. , 0, , .		9

#	Article	IF	Citations
19	Using Firefly Algorithm to Solve Resource Constrained Project Scheduling Problem. Advances in Intelligent Systems and Computing, 2013, , 417-428.	0.5	9
20	Node deployment in wireless sensor networks using the new multiâ€objective Levy flight bee algorithm. IET Wireless Sensor Systems, 2020, 10, 78-87.	1.3	9
21	A novel hybrid algorithm for solving continuous single-objective defensive location problem. Neural Computing and Applications, 2017, 28, 3323-3340.	3.2	7
22	Optimal prioritization of rain gauge stations for areal estimation of annual rainfall via coupling geostatistics with artificial bee colony optimization. Journal of Spatial Science, 2019, 64, 257-274.	1.0	7
23	A scheduling-driven approach to efficiently assign bug fixing tasks to developers. Journal of Systems and Software, 2021, 178, 110967.	3.3	7
24	MLGA: A Multilevel Cooperative Genetic Algorithm. , 2010, , .		6
25	Two novel combined approaches based on TLBO and PSO for a partial interdiction/fortification problem using capacitated facilities and budget constraint. Soft Computing, 2018, 22, 5901-5919.	2.1	6
26	DenseDisp: Resource-Aware Disparity Map Estimation by Compressing Siamese Neural Architecture. , 2020, , .		6
27	Improving semantic web service discovery method based on QoS ontology. , 2017, , .		5
28	A new approach for traffic matrix estimation in high load computer networks based on graph embedding and convolutional neural network. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3604.	2.6	5
29	A Combination of Machine Learning and Lexicon Based Techniques for Sentiment Analysis. , 2020, , .		5
30	Using memetic algorithms for test case prioritization in model based software testing. , 2016, , .		4
31	DeepRace: A learning-based data race detector. , 2021, , .		4
32	An ABC-Genetic method to solve resource constrained project scheduling problem. Artificial Intelligence Research, 2012, 1, 185.	0.3	3
33	Semi-automatic object-oriented software design using metaheuristic algorithms. , 2017, , .		3
34	Association rule mining for finding usability problem patterns: A case study on StackOverflow. , 2017, , .		3
35	Point Versus Block Ordinary Kriging in Rain Gauge Network Design Using Artificial Bee Colony Optimization. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 1805-1817.	1.0	3
36	An evaluation of classification algorithms for prediction of drug interactions: Identification of the best algorithm. International Journal of Pharmaceutical Investigation, 2018, 8, 92.	0.2	3

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37	An Adaptive Multi-Objective Artificial Bee Colony with crowding distance mechanism. , 2012, , .		2
38	A query ontology to facilitate web service discovery. , 2015, , .		2
39	Evaluation of mathematical models to estimate end‑to‑end traffic in a backbone network. International Journal of Communication Systems, 2018, 31, e3822.	1.6	2
40	EVOTLBO: A TLBO based Method for Automatic Test Data Generation in EvoSuite. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.5	2
41	On the performance of EvoPSO: A PSO based algorithm for test data generation in EvoSuite. , 2017, , .		1
42	Presenting a New Method, Using Topology Virtualization for Stabilizing Flow Tables in SDWN. , 2017, , .		1
43	A new method based on formal concept analysis and metaheuristics to solve class responsibility assignment problem. Iran Journal of Computer Science, 2020, , 1.	1.8	1
44	An Efficient Method for Automatic Antipatterns Detection of REST Web Services. Journal of Web Engineering, 0, , .	0.7	1
45	An Efficient Multi Population Artificial Bee Colony. International Journal of Machine Learning and Computing, 2012, , 195-199.	0.8	1
46	A multi-level artificial bee colony method. , 2014, , .		0
47	Modified multi-objective TLBO for location of controllers in software defined networks. , 2017, , .		0
48	An Effective Model to Predict the Extension of Code Changes in Bug Fixing Process Using Text Classifiers. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 0, , 1.	1.5	0