Ali Asghar Rahmani Hosseinabadi

List of Publications by Year
in descending order

36 papers	1,243 citations	430754 18 h-index	377752 34 g-index
38 all docs	38 docs citations	38 times ranked	1218 citing authors

#	Article	IF	Citations
1	A feature selection approach for spam detection in social networks using gravitational force-based heuristic algorithm. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 1633-1646.	3.3	8
2	Improving load balancing for data-duplication in big data cloud computing networks. Cluster Computing, 2022, 25, 2613-2631.	3.5	20
3	An improved bat optimization algorithm to solve the tasks scheduling problem in open shop. Neural Computing and Applications, 2021, 33, 1559-1573.	3.2	18
4	Presenting an Optimal Energy-Aware Locating Structure Using the Internet of Things and Device-to-Device Communications on Smartphones. Wireless Personal Communications, 2021, 118, 1745-1774.	1.8	1
5	Clustering based on whale optimization algorithm for IoT over wireless nodes. Soft Computing, 2021, 25, 5663-5682.	2.1	23
6	Multi-objective hybrid genetic algorithm for task scheduling problem in cloud computing. Neural Computing and Applications, 2021, 33, 13075-13088.	3.2	44
7	Improvement of grey wolf optimizer with adaptive middle filter to adjust support vector machine parameters to predict diabetes complications. Neural Computing and Applications, 2021, 33, 15205-15228.	3.2	7
8	Energy-Aware Geographic Routing for Real-Time Workforce Monitoring in Industrial Informatics. IEEE Internet of Things Journal, 2021, 8, 9753-9762.	5.5	52
9	An Efficient Hybrid Meta-heuristic Algorithm for Solving the Open Vehicle Routing Problem. Studies in Fuzziness and Soft Computing, 2021, , 257-274.	0.6	2
10	An enhancement of task scheduling in cloud computing based on imperialist competitive algorithm and firefly algorithm. Journal of Supercomputing, 2020, 76, 6302-6329.	2.4	62
11	A novel quality-of-service-aware web services composition using biogeography-based optimization algorithm. Soft Computing, 2020, 24, 8125-8137.	2.1	31
12	IoT Resource Allocation and Optimization Based on Heuristic Algorithm. Sensors, 2020, 20, 539.	2.1	104
13	A Hybrid Unequal Clustering Based on Density with Energy Conservation in Wireless Nodes. Sustainability, 2019, 11, 746.	1.6	12
14	A New Meta-Heuristic Algorithm for Solving the Flexible Dynamic Job-Shop Problem with Parallel Machines. Symmetry, 2019, 11, 165.	1.1	30
15	Energy Consumption in Point-Coverage Wireless Sensor Networks via Bat Algorithm. IEEE Access, 2019, 7, 180258-180269.	2.6	88
16	An Ameliorative Hybrid Algorithm for Solving the Capacitated Vehicle Routing Problem. IEEE Access, 2019, 7, 175454-175465.	2.6	21
17	An improved ant colony optimization for the multi-trip Capacitated Arc Routing Problem. Computers and Electrical Engineering, 2019, 77, 457-470.	3.0	79
18	Extended Genetic Algorithm for solving open-shop scheduling problem. Soft Computing, 2019, 23, 5099-5116.	2.1	133

#	Article	IF	Citations
19	OVRP_GELS: solving open vehicle routing problem using the gravitational emulation local search algorithm. Neural Computing and Applications, 2018, 29, 955-968.	3.2	31
20	Imperialist Competition Based Clustering Algorithm to Improve the Lifetime of Wireless Sensor Network. Advances in Intelligent Systems and Computing, 2018, , 189-202.	0.5	4
21	Survey on clustering in heterogeneous and homogeneous wireless sensor networks. Journal of Supercomputing, 2018, 74, 277-323.	2.4	142
22	University-timetabling problem and its solution using GELS algorithm: a case study. International Journal of Advanced Intelligence Paradigms, 2018, 11, 368.	0.2	1
23	A Hybrid Genetic Algorithm for Multi-Trip Green Capacitated Arc Routing Problem in the Scope of Urban Services. Sustainability, 2018, 10, 1366.	1.6	73
24	Nature Inspired Partitioning Clustering Algorithms: A Review and Analysis. Advances in Intelligent Systems and Computing, 2018, , 96-116.	0.5	10
25	Ant_VRP: ant-colony-based meta-heuristic algorithm to solve the vehicle routing problem. International Journal of Advanced Intelligence Paradigms, 2018, 11, 315.	0.2	0
26	A Novel Energy-Aware Target Tracking Method by Reducing Active Nodes in Wireless Sensor Networks. Wireless Personal Communications, 2017, 95, 3585-3599.	1.8	12
27	A new efficient approach for solving the capacitated Vehicle Routing Problem using the Gravitational Emulation Local Search Algorithm. Applied Mathematical Modelling, 2017, 49, 663-679.	2.2	38
28	A new clustering protocol for energy harvesting-wireless sensor networks. Computers and Electrical Engineering, 2017, 64, 233-247.	3.0	72
29	TTGELS: a new approach for solving university exam timetabling problem by using gravitational emulation local search algorithm. International Journal of Computational Systems Engineering, 2016, 2, 183.	0.2	3
30	Gravitational Search Algorithm to Solve Open Vehicle Routing Problem. Advances in Intelligent Systems and Computing, 2016, , 93-103.	0.5	10
31	TETS: A Genetic-Based Scheduler in Cloud Computing to Decrease Energy and Makespan. Advances in Intelligent Systems and Computing, 2016, , 103-115.	0.5	23
32	A novel dynamic multi-hop clustering protocol based on renewable energy for energy harvesting wireless sensor networks. , 2015, , .		6
33	Using Gravitational Search Algorithm for in Advance Reservation of Resources in Solving the Scheduling Problem of Works in Workflow Workshop Environment. Indian Journal of Science and Technology, 2015, 8, .	0.5	7
34	Using the gravitational emulation local search algorithm to solve the multi-objective flexible dynamic job shop scheduling problem in Small and Medium Enterprises. Annals of Operations Research, 2015, 229, 451-474.	2.6	55
35	OVRP_ICA: An Imperialist-Based Optimization Algorithm for the Open Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 221-233.	1.0	8
36	Sensor Selection Wireless Multimedia Sensor Network using Gravitational Search Algorithm. Indian Journal of Science and Technology, 2015, 8, .	0.5	6