

Sadoullah Ebrahimnejad

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

706
citations

15
h-index

25
g-index

50
ext. papers

878
ext. citations

2.7
avg, IF

4.73
L-index

#	Paper	IF	Citations
48	A novel two-phase group decision making approach for construction project selection in a fuzzy environment. <i>Applied Mathematical Modelling</i> , 2012 , 36, 4197-4217	4.5	115
47	Risk identification and assessment for build-operate-transfer projects: A fuzzy multi attribute decision making model. <i>Expert Systems With Applications</i> , 2010 , 37, 575-586	7.8	100
46	Emperor Penguins Colony: a new metaheuristic algorithm for optimization. <i>Evolutionary Intelligence</i> , 2019 , 12, 211-226	1.7	60
45	Two meta-heuristics for three-stage assembly flowshop scheduling with sequence-dependent setup times. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 50, 1153-1164	3.2	40
44	A novel hybrid MCDM approach for outsourcing supplier selection. <i>Journal of Modelling in Management</i> , 2016 , 11, 536-559	2.2	30
43	Soft computing-based preference selection index method for human resource management. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 26, 393-403	1.6	29
42	A bi-objective model of preventive maintenance planning in distributed systems considering vehicle routing problem. <i>Computers and Industrial Engineering</i> , 2018 , 120, 360-381	6.4	27
41	An Improved Hybrid Grey Relational Analysis Approach for Green Resilient Supply Chain Network Assessment. <i>Sustainability</i> , 2017 , 9, 1433	3.6	27
40	Risk ranking in mega projects by fuzzy compromise approach: A comparative analysis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 26, 949-959	1.6	22
39	Giza Pyramids Construction: an ancient-inspired metaheuristic algorithm for optimization. <i>Evolutionary Intelligence</i> , 2020 , 1	1.7	22
38	A multi-stage decision-making process for multiple attributes analysis under an interval-valued fuzzy environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 64, 1263-1273	3.2	21
37	Optimizing a Neuro-Fuzzy System Based on Nature-Inspired Emperor Penguins Colony Optimization Algorithm. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1110-1124	8.3	17
36	Evaluation of power plants to prioritise the investment projects using fuzzy PROMETHEE method. <i>International Journal of Sustainable Energy</i> , 2018 , 37, 941-955	2.7	17
35	Optimization in solving inventory control problem using nature inspired Emperor Penguins Colony algorithm. <i>Journal of Intelligent Manufacturing</i> , 2021 , 32, 1361-1375	6.7	17
34	A fuzzy decision-making model for risk ranking with an application to an onshore gas refinery. <i>International Journal of Business Continuity and Risk Management</i> , 2009 , 1, 38	0.2	16
33	Scheduling of elective patients considering upstream and downstream units and emergency demand using robust optimization. <i>Computers and Industrial Engineering</i> , 2018 , 120, 216-233	6.4	15
32	Evaluating high risks in large-scale projects using an extended VIKOR method under a fuzzy environment. <i>International Journal of Industrial Engineering Computations</i> , 2012 , 3, 463-476	1.7	15

31	Incorporating location, routing, and inventory decisions in a bi-objective supply chain design problem with risk-pooling. <i>Journal of Industrial Engineering International</i> , 2013 , 9, 1	2.6	13
30	Robust operating room planning considering upstream and downstream units: A new two-stage heuristic algorithm. <i>Computers and Industrial Engineering</i> , 2020 , 143, 106387	6.4	10
29	Fuzzy bi-objective formulation for a parallel machine scheduling problem with machine eligibility restrictions and sequence-dependent setup times. <i>International Journal of Production Research</i> , 2014 , 52, 5799-5822	7.8	10
28	An integrated dynamic facility layout and job shop scheduling problem: A hybrid NSGA-II and local search algorithm. <i>Journal of Industrial and Management Optimization</i> , 2020 , 16, 1801-1834	2	9
27	A green vehicle routing problem with time windows considering the heterogeneous fleet of vehicles: two metaheuristic algorithms. <i>European Journal of Industrial Engineering</i> , 2019 , 13, 507	1.1	8
26	A bi-objective transportation-location arc routing problem. <i>Transportation Letters</i> , 2020 , 12, 623-637	2.1	8
25	Bi-objective supply chain problem using MOPSO and NSGA-II ., <i>International Journal of Industrial Engineering Computations</i> , 2012 , 3, 681-694	1.7	7
24	An integrated approach for measuring the performance of suppliers in the pharmaceutical industry: a case study. <i>International Journal of Logistics Systems and Management</i> , 2015 , 22, 267	0.7	6
23	A New Two-Stage Approach for a Bi-Objective Facility Layout Problem Considering Input/ Output Points Under Fuzzy Environment. <i>IEEE Access</i> , 2019 , 7, 134083-134103	3.5	4
22	A fuzzy bi-objective mathematical model for optimum portfolio selection by considering inflation rate effects. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 69, 595-616	3.2	4
21	A robust location-arc routing problem under uncertainty: mathematical model with lower and upper bounds. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	4
20	Strategy-aligned fuzzy approach for market segment evaluation and selection: a modular decision support system by dynamic network process (DNP). <i>Journal of Industrial Engineering International</i> , 2013 , 9, 1	2.6	3
19	Developing a green and bipolar fuzzy inventory-routing model in agri-food reverse logistics with postharvest behavior. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 41071-41088	5.1	3
18	Hybrid-EPC: an Emperor Penguins Colony algorithm with crossover and mutation operators and its application in community detection. <i>Progress in Artificial Intelligence</i> , 2021 , 10, 181-193	4	3
17	Solving a multi-objective train makeup model with locomotive limitation by using a firefly algorithm: A case study. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018 , 232, 1483-1499	1.4	2
16	A new multi-objective model for a capacitated hub covering problem solving by two multi-objective evolutionary algorithms. <i>International Journal of Mathematics in Operational Research</i> , 2016 , 9, 99	0.8	2
15	A new mathematical model for a multi-product location-arc routing problem 2018 ,		2
14	New generation of metaheuristics by inspiration from ancient 2020 ,		2

13	Using Metaheuristic Algorithms to Improve k-Means Clustering: A Comparative Study. <i>Revue D'intelligence Artificielle</i> , 2020 , 34, 297-305	2.1	2
12	Scenario-Based Location Arc Routing Problems: Introducing Mathematical Models 2018 , 511-521		2
11	An optimization model for evacuating people with disability in extreme disaster conditions: A case study. <i>Scientia Iranica</i> , 2021 , 0-0	1.5	2
10	A mathematical model for optimizing a biofuel supply chain with outsourcing decisions under the carbon trading mechanism. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	2
9	A novel two-stage approach for solving a bi-objective facility layout problem. <i>International Journal of Operational Research</i> , 2018 , 31, 49	0.9	2
8	Modelling and an improved NSGA-II algorithm for sustainable manufacturing systems with energy conservation under environmental uncertainties: a case study. <i>International Journal of Sustainable Engineering</i> , 2021 , 14, 255-279	3.1	1
7	A bi-objective model for humanitarian logistics network design in response to post-disaster. <i>International Journal of Logistics Systems and Management</i> , 2019 , 33, 256	0.7	1
6	Analysis of the susceptibility of interdependent infrastructures using fuzzy input-output inoperability model: the case of flood hazards in Tehran. <i>Natural Hazards</i> , 2020 , 100, 69-88	3	1
5	Developing a fuzzy goal programming model for health, safety and environment risks based on hybrid fuzzy FMEA-VIKOR method. <i>Journal of Engineering, Design and Technology</i> , 2021 , 19, 317-338	1.5	1
4	Development of an Input-Output Model Considering Simultaneous Effect of Risks in Infrastructure under Dynamic Conditions. <i>Reliability Engineering and System Safety</i> , 2021 , 213, 107653	6.3	1
3	An optimized evacuation model with compatibility constraints in the context of disability: an ancient-inspired Giza Pyramids Construction metaheuristic approach. <i>Applied Intelligence</i> ,1	4.9	0
2	The cross-entropy method for solving bi-criteria network flow problems in discrete-time dynamic networks. <i>Optimization Methods and Software</i> , 2015 , 30, 405-423	1.3	
1	A proposed grey fuzzy multi-objective programming model in supplier selection: a case study in the automotive parts industry. <i>International Journal of Logistics Systems and Management</i> , 2018 , 29, 409	0.7	