Sadoullah Ebrahimnejad

List of Publications by Year in Descending Order

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	Developing a green and bipolar fuzzy inventory-routing model in agri-food reverse logistics with postharvest behavior. *Environmental Science and Pollution Research*, **2021**, 28, 41071-41088	5.1	3
47	An optimization model for evacuating people with disability in extreme disaster conditions: A case study. *Scientia Iranica*, **2021**, 0-0	1.5	2
46	Modelling and an improved NSGA-II algorithm for sustainable manufacturing systems with energy conservation under environmental uncertainties: a case study. *International Journal of Sustainable Engineering*, **2021**, 14, 255-279	3.1	1
45	Optimization in solving inventory control problem using nature inspired Emperor Penguins Colony algorithm. *Journal of Intelligent Manufacturing*, **2021**, 32, 1361-1375	6.7	17
44	Hybrid-EPC: an Emperor Penguins Colony algorithm with crossover and mutation operators and its application in community detection. *Progress in Artificial Intelligence*, **2021**, 10, 181-193	4	3
43	Developing a fuzzy goal programming model for health, safety and environment risks based on hybrid fuzzy FMEA-VIKOR method. *Journal of Engineering, Design and Technology*, **2021**, 19, 317-338	1.5	1
42	Development of an Input-Output Model Considering Simultaneous Effect of Risks in Infrastructure under Dynamic Conditions. *Reliability Engineering and System Safety*, **2021**, 213, 107653	6.3	1
41	Robust operating room planning considering upstream and downstream units: A new two-stage heuristic algorithm. *Computers and Industrial Engineering*, **2020**, 143, 106387	6.4	10
40	Optimizing a Neuro-Fuzzy System Based on Nature-Inspired Emperor Penguins Colony Optimization Algorithm. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1110-1124	8.3	17
39	New generation of metaheuristics by inspiration from ancient **2020**,		2
38	An integrated dynamic facility layout and job shop scheduling problem: A hybrid NSGA-II and local search algorithm. *Journal of Industrial and Management Optimization*, **2020**, 16, 1801-1834	2	9
37	Using Metaheuristic Algorithms to Improve k-Means Clustering: A Comparative Study. *Revue D/Intelligence Artificielle*, **2020**, 34, 297-305	2.1	2
36	A bi-objective transportation-location arc routing problem. *Transportation Letters*, **2020**, 12, 623-637	2.1	8
35	Giza Pyramids Construction: an ancient-inspired metaheuristic algorithm for optimization. *Evolutionary Intelligence*, **2020**, 1	1.7	22
34	A robust location-arc routing problem under uncertainty: mathematical model with lower and upper bounds. *Computational and Applied Mathematics*, **2020**, 39, 1	2.4	4
33	Analysis of the susceptibility of interdependent infrastructures using fuzzy input3output inoperability model: the case of flood hazards in Tehran. *Natural Hazards*, **2020**, 100, 69-88	3	1
32	Emperor Penguins Colony: a new metaheuristic algorithm for optimization. *Evolutionary Intelligence* , **2019**, 12, 211-226	1.7	60

31	A New Two-Stage Approach for a Bi-Objective Facility Layout Problem Considering Input/ Output Points Under Fuzzy Environment. *IEEE Access*, **2019**, 7, 134083-134103	3.5	4
30	A green vehicle routing problem with time windows considering the heterogeneous fleet of vehicles: two metaheuristic algorithms. *European Journal of Industrial Engineering*, **2019**, 13, 507	1.1	8
29	A bi-objective model for humanitarian logistics network design in response to post-disaster. *International Journal of Logistics Systems and Management*, **2019**, 33, 256	0.7	1
28	Solving a multi-objective train makeup model with locomotive limitation by using a firefly algorithm: A case study. *Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit*, **2018**, 232, 1483-1499	1.4	2
27	Evaluation of power plants to prioritise the investment projects using fuzzy PROMETHEE method. *International Journal of Sustainable Energy*, **2018**, 37, 941-955	2.7	17
26	A bi-objective model of preventive maintenance planning in distributed systems considering vehicle routing problem. *Computers and Industrial Engineering*, **2018**, 120, 360-381	6.4	27
25	Scheduling of elective patients considering upstream and downstream units and emergency demand using robust optimization. *Computers and Industrial Engineering*, **2018**, 120, 216-233	6.4	15
24	A new mathematical model for a multi-product location-arc routing problem **2018**,		2
23	Scenario-Based Location Arc Routing Problems: Introducing Mathematical Models **2018**, 511-521		2
22	A proposed grey fuzzy multi-objective programming model in supplier selection: a case study in the automotive parts industry. *International Journal of Logistics Systems and Management*, **2018**, 29, 409	0.7	
21	A novel two-stage approach for solving a bi-objective facility layout problem. *International Journal of Operational Research*, **2018**, 31, 49	0.9	2
20	An Improved Hybrid Grey Relational Analysis Approach for Green Resilient Supply Chain Network Assessment. *Sustainability*, **2017**, 9, 1433	3.6	27
19	A new multi-objective model for a capacitated hub covering problem solving by two multi-objective evolutionary algorithms. *International Journal of Mathematics in Operational Research*, **2016**, 9, 99	0.8	2
18	A novel hybrid MCDM approach for outsourcing supplier selection. *Journal of Modelling in Management*, **2016**, 11, 536-559	2.2	30
17	The cross-entropy method for solving bi-criteria network flow problems in discrete-time dynamic networks. *Optimization Methods and Software*, **2015**, 30, 405-423	1.3	
16	An integrated approach for measuring the performance of suppliers in the pharmaceutical industry: a case study. *International Journal of Logistics Systems and Management*, **2015**, 22, 267	0.7	6
15	Risk ranking in mega projects by fuzzy compromise approach: A comparative analysis. *Journal of Intelligent and Fuzzy Systems*, **2014**, 26, 949-959	1.6	22
14	Fuzzy bi-objective formulation for a parallel machine scheduling problem with machine eligibility restrictions and sequence-dependent setup times. *International Journal of Production Research*, **2014**, 52, 5799-5822	7.8	10

13	Soft computing-based preference selection index method for human resource management. *Journal of Intelligent and Fuzzy Systems*, **2014**, 26, 393-403	1.6	29
12	A fuzzy bi-objective mathematical model for optimum portfolio selection by considering inflation rate effects. *International Journal of Advanced Manufacturing Technology*, **2013**, 69, 595-616	3.2	4
11	Incorporating location, routing, and inventory decisions in a bi-objective supply chain design problem with risk-pooling. *Journal of Industrial Engineering International*, **2013**, 9, 1	2.6	13
10	Strategy-aligned fuzzy approach for market segment evaluation and selection: a modular decision support system by dynamic network process (DNP). *Journal of Industrial Engineering International*, **2013**, 9, 1	2.6	3
9	A multi-stage decision-making process for multiple attributes analysis under an interval-valued fuzzy environment. *International Journal of Advanced Manufacturing Technology*, **2013**, 64, 1263-1273	3.2	21
8	Evaluating high risks in large-scale projects using an extended VIKOR method under a fuzzy environment. *International Journal of Industrial Engineering Computations*, **2012**, 3, 463-476	1.7	15
7	Bi-objective supply chain problem using MOPSO and NSGA-II ,. *International Journal of Industrial Engineering Computations*, **2012**, 3, 681-694	1.7	7
6	A novel two-phase group decision making approach for construction project selection in a fuzzy environment. *Applied Mathematical Modelling*, **2012**, 36, 4197-4217	4.5	115
5	Two meta-heuristics for three-stage assembly flowshop scheduling with sequence-dependent setup times. *International Journal of Advanced Manufacturing Technology*, **2010**, 50, 1153-1164	3.2	40
4	Risk identification and assessment for build-operate-transfer projects: A fuzzy multi attribute decision making model. *Expert Systems With Applications*, **2010**, 37, 575-586	7.8	100
3	A fuzzy decision-making model for risk ranking with an application to an onshore gas refinery. *International Journal of Business Continuity and Risk Management*, **2009**, 1, 38	0.2	16
2	A mathematical model for optimizing a biofuel supply chain with outsourcing decisions under the carbon trading mechanism. *Biomass Conversion and Biorefinery*,1	2.3	2
1	An optimized evacuation model with compatibility constraints in the context of disability: an ancient-inspired Giza Pyramids Construction metaheuristic approach. *Applied Intelligence*,1	4.9	0