Mostafa Hajiaghaei-Keshteli

List of Publications by Year in Descending Order

73 papers	2,371 citations
29 h-index	47 g-index
80 ext. papers	3,446 ext. citations
5.1 avg, IF	6.53 L-index

#	Paper	IF	Citations
73	Bio-recovery of municipal plastic waste management based on an integrated decision-making framework. *Journal of Industrial and Engineering Chemistry*, **2022**,	6.3	5
72	Creating Shared Value and Strategic Corporate Social Responsibility through Outsourcing within Supply Chain Management. *Sustainability*, **2022**, 14, 1940	3.6	2
71	Designing an effective two-stage, sustainable, and IoT based waste management system. *Renewable and Sustainable Energy Reviews*, **2022**, 157, 112031	16.2	4
70	A hybrid novel framework for flood disaster risk control in developing countries based on smart prediction systems and prioritized scenarios.. *Journal of Environmental Management*, **2022**, 312, 114939	7.9	2
69	A Smart Post-Processing System for Forecasting the Climate Precipitation Based on Machine Learning Computations. *Sustainability*, **2022**, 14, 6624	3.6	1
68	Landfill Site Selection for Medical Waste Using an Integrated SWARA-WASPAS Framework Based on Spherical Fuzzy Set. *Sustainability*, **2021**, 13, 13950	3.6	8
67	Tabu Search Based Hybrid Meta-Heuristic Approaches for Schedule-Based Production Cost Minimization Problem for the Case of Cable Manufacturing Systems. *Informatica*, **2021**, 1-24	2.9	4
66	Sustainable planning and decision-making model for sugarcane mills considering environmental issues. *Journal of Environmental Management*, **2021**, 303, 114252	7.9	6
65	Evaluation of the components of intelligence and greenness in Iranian ports based on network data envelopment analysis (DEA) approach. *Journal of Modelling in Management*, **2021**, ahead-of-print,	2.2	5
64	Two hybrid meta-heuristic algorithms for a dual-channel closed-loop supply chain network design problem in the tire industry under uncertainty. *Advanced Engineering Informatics*, **2021**, 50, 101418	7.4	29
63	Shrimp closed-loop supply chain network design. *Soft Computing*, **2021**, 25, 7399-7422	3.5	21
62	An innovative waste management system in a smart city under stochastic optimization using vehicle routing problem. *Soft Computing*, **2021**, 25, 6707-6727	3.5	24
61	Relief Supply Chain Management Using Internet of Things to Address COVID-19 Outbreak. *Computers and Industrial Engineering*, **2021**, 107429	6.4	2
60	Designing a sustainable closed-loop supply chain network for walnut industry. *Renewable and Sustainable Energy Reviews*, **2021**, 141, 110821	16.2	30
59	Utilizing IoT to design a relief supply chain network for the SARS-COV-2 pandemic. *Applied Soft Computing Journal*, **2021**, 104, 107210	7.5	25
58	Metaheuristic approaches to design and address multi-echelon sugarcane closed-loop supply chain network. *Soft Computing*, **2021**, 25, 11377-11404	3.5	17
57	Bi-level programming for home health care supply chain considering outsourcing. *Journal of Industrial Information Integration*, **2021**, 100246	7	17

56	A set of calibrated metaheuristics to address a closed-loop supply chain network design problem under uncertainty. *International Journal of Systems Science: Operations and Logistics*, **2021**, 8, 23-40	2.6	20
55	Designing a closed-loop supply chain network considering multi-task sales agencies and multi-mode transportation. *Soft Computing*, **2021**, 25, 6203-6235	3.5	17
54	Designing a Closed-loop Supply Chain Network Considering Social Factors; A Case Study on Avocado Industry. *Applied Mathematical Modelling*, **2021**, 101, 600-600	4.5	21
53	Designing a supply chain network for blood decomposition by utilizing social and environmental factor. *Computers and Industrial Engineering*, **2021**, 160, 107501	6.4	14
52	Disaster relief supply chain design for personal protection equipment during the COVID-19 pandemic. *Applied Soft Computing Journal*, **2021**, 112, 107809	7.5	15
51	Recovery solutions for ecotourism centers during the Covid-19 pandemic: Utilizing Fuzzy DEMATEL and Fuzzy VIKOR methods. *Expert Systems With Applications*, **2021**, 185, 115594	7.8	19
50	Two calibrated meta-heuristics to solve an integrated scheduling problem of production and air transportation with the interval due date. *Soft Computing*, **2020**, 24, 16383-16411	3.5	2
49	A scenario-based possibilistic-stochastic programming approach to address resilient humanitarian logistics considering travel time and resilience levels of facilities. *International Journal of Systems Science: Operations and Logistics*, **2020**, 1-27	2.6	15
48	Red deer algorithm (RDA): a new nature-inspired meta-heuristic. *Soft Computing*, **2020**, 24, 14637-14665	3.5	120
47	Multi-facility-based improved closed-loop supply chain network for handling uncertain demands. *Soft Computing*, **2020**, 24, 7125-7147	3.5	16
46	Designing a closed-loop supply chain network for citrus fruits crates considering environmental and economic issues. *Journal of Manufacturing Systems*, **2020**, 55, 199-220	9.1	25
45	Solving a Discounted Closed-Loop Supply Chain Network Design Problem by Recent Metaheuristics. *Advances in Intelligent Systems and Computing*, **2020**, 3-24	0.4	1
44	A new bi-objective integrated vehicle transportation model considering simultaneous pick-up and split delivery. *Scientia Iranica*, **2020**, 0-0	1.5	3
43	Metaheuristics for a bi-objective green vendor managed inventory problem in a two-echelon supply chain network. *Scientia Iranica*, **2020**, 0-0	1.5	9
42	Determination of the optimal sales level of perishable goods in a two-echelon supply chain network. *Computers and Industrial Engineering*, **2020**, 139, 106156	6.4	21
41	An adaptive Lagrangian relaxation-based algorithm for a coordinated water supply and wastewater collection network design problem. *Information Sciences*, **2020**, 512, 1335-1359	7.7	76
40	Innovative approaches to design and address green supply chain network with simultaneous pick-up and split delivery. *Journal of Cleaner Production*, **2020**, 250, 119437	10.3	22
39	A set of efficient heuristics for a home healthcare problem. *Neural Computing and Applications*, **2020**, 32, 6185-6205	4.8	40

38	A multi-objective robust supply chain design considering reliability. *Journal of Industrial and Production Engineering*, **2019**, 36, 385-400	1	5
37	Novel modifications of social engineering optimizer to solve a truck scheduling problem in a cross-docking system. *Computers and Industrial Engineering*, **2019**, 137, 106103	6.4	47
36	Designing and solving a bi-level model for rice supply chain using the evolutionary algorithms. *Computers and Electronics in Agriculture*, **2019**, 162, 651-668	6.5	45
35	Extending the solid step fixed-charge transportation problem to consider two-stage networks and multi-item shipments. *Computers and Industrial Engineering*, **2019**, 137, 106008	6.4	15
34	Two Constructive Algorithms to Address a Multi-Depot Home Healthcare Routing Problem. *IETE Journal of Research*, **2019**, 1-7	0.9	19
33	A green home health care supply chain: New modified simulated annealing algorithms. *Journal of Cleaner Production*, **2019**, 240, 118200	10.3	83
32	An Improved Red Deer Algorithm to Address a Direct Current Brushless Motor Design Problem. *Scientia Iranica*, **2019**, 0-0	1.5	4
31	A hybrid Approach in Metaheuristics for a Cross-dock Scheduling Considering Time Windows and Deadline for Trucks Departure. *Scientia Iranica*, **2019**, 0-0	1.5	4
30	Sustainable closed-loop supply chain network design with discount supposition. *Neural Computing and Applications*, **2019**, 31, 5343-5377	4.8	69
29	New approaches in metaheuristics to solve the fixed charge transportation problem in a fuzzy environment. *Neural Computing and Applications*, **2019**, 31, 477-497	4.8	25
28	A bi-objective optimization for citrus closed-loop supply chain using Pareto-based algorithms. *Applied Soft Computing Journal*, **2018**, 69, 33-59	7.5	62
27	A bi-objective partial interdiction problem considering different defensive systems with capacity expansion of facilities under imminent attacks. *Applied Soft Computing Journal*, **2018**, 68, 343-359	7.5	42
26	Heuristic-based metaheuristics to address a sustainable supply chain network design problem. *Journal of Industrial and Production Engineering*, **2018**, 35, 102-117	1	39
25	A stochastic multi-objective model for a closed-loop supply chain with environmental considerations. *Applied Soft Computing Journal*, **2018**, 69, 232-249	7.5	72
24	Sustainable supplier selection and order allocation through quantity discounts. *International Journal of Management Science and Engineering Management*, **2018**, 13, 20-32	2.8	39
23	A bi-objective green home health care routing problem. *Journal of Cleaner Production*, **2018**, 200, 423-443	10.3	80
22	Applying a hybrid BWM-VIKOR approach to supplier selection: a case study in the Iranian agricultural implements industry. *International Journal of Applied Decision Sciences*, **2018**, 11, 274	0.8	21
21	A set of efficient heuristics and metaheuristics to solve a two-stage stochastic bi-level decision-making model for the distribution network problem. *Computers and Industrial Engineering*, **2018**, 123, 378-395	6.4	56

20	Multi-objective stochastic closed-loop supply chain network design with social considerations. *Applied Soft Computing Journal*, **2018**, 71, 505-525	7.5	80
19	The Social Engineering Optimizer (SEO). *Engineering Applications of Artificial Intelligence*, **2018**, 72, 267-293	7.2	126
18	Tree Growth Algorithm (TGA): A novel approach for solving optimization problems. *Engineering Applications of Artificial Intelligence*, **2018**, 72, 393-414	7.2	79
17	Sustainable tire closed-loop supply chain network design: Hybrid metaheuristic algorithms for large-scale networks. *Journal of Cleaner Production*, **2018**, 196, 273-296	10.3	131
16	A tri-level location-allocation model for forward/reverse supply chain. *Applied Soft Computing Journal*, **2018**, 62, 328-346	7.5	57
15	Heuristic approaches to solve the fixed-charge transportation problem with discount supposition. *Journal of Industrial and Production Engineering*, **2018**, 35, 444-470	1	1
14	Hybrid optimizers to solve a tri-level programming model for a tire closed-loop supply chain network design problem. *Applied Soft Computing Journal*, **2018**, 70, 701-722	7.5	53
13	Solving a fuzzy fixed charge solid transportation problem using batch transferring by new approaches in meta-heuristic. *Electronic Notes in Discrete Mathematics*, **2017**, 58, 143-150	0.3	35
12	Developing a lower bound and strong heuristics for a truck scheduling problem in a cross-docking center. *Knowledge-Based Systems*, **2017**, 129, 17-38	7.3	34
11	A Bi-Objective Stochastic Closed-loop Supply Chain Network Design Problem Considering Downside Risk. *Industrial Engineering and Management Systems*, **2017**, 16, 342-362	2.5	21
10	**2016**,		2
9	Solving the integrated scheduling of production and rail transportation problem by Keshtel algorithm. *Applied Soft Computing Journal*, **2014**, 25, 184-203	7.5	52
8	Integrated scheduling of production and rail transportation. *Computers and Industrial Engineering*, **2014**, 74, 240-256	6.4	44
7	Determination of the economical policy of a three-echelon inventory system with (R, Q) ordering policy and information sharing. *International Journal of Advanced Manufacturing Technology*, **2011**, 55, 831-841	3.2	29
6	The allocation of customers to potential distribution centers in supply chain networks: GA and AIA approaches. *Applied Soft Computing Journal*, **2011**, 11, 2069-2078	7.5	44
5	Solving a capacitated fixed-charge transportation problem by artificial immune and genetic algorithms with a Prüfer number representation. *Expert Systems With Applications*, **2011**, 38, 10462-10474	7.8	63
4	Deriving the cost function for a class of three-echelon inventory system with N-retailers and one-for-one ordering policy. *International Journal of Advanced Manufacturing Technology*, **2010**, 50, 343-351	3.2	26
3	Addressing a nonlinear fixed-charge transportation problem using a spanning tree-based genetic algorithm. *Computers and Industrial Engineering*, **2010**, 59, 259-271	6.4	51

| 2 | Genetic algorithms for coordinated scheduling of production and air transportation. *Expert Systems With Applications*, **2010**, 37, 8255-8266 | 7.8 | 42 |
| 1 | Designing a resilient and sustainable closed-loop supply chain network in copper industry. *Clean Technologies and Environmental Policy*,1 | 4.3 | 7 |