Farnaz Barzinpour

List of Publications by Year
in descending order

42 papers	1,102 citations	516561 16 h-index	414303 32 g-index
42 all docs	42 docs citations	42 times ranked	1013 citing authors

#	Article	IF	Citations
1	A multi-objective relief chain location distribution model for urban disaster management. International Journal of Advanced Manufacturing Technology, 2014, 70, 1291-1302.	1.5	131
2	A multi-objective robust optimization model for site-selection and capacity allocation of municipal solid waste facilities: A case study in Tehran. Journal of Cleaner Production, 2017, 166, 816-834.	4.6	111
3	Multiple-buyer multiple-vendor multi-product multi-constraint supply chain problem with stochastic demand and variable lead-time: A harmony search algorithm. Applied Mathematics and Computation, 2011, 217, 9234-9253.	1.4	87
4	An aggregate production planning model for two phase production systems: Solving with genetic algorithm and tabu search. Expert Systems With Applications, 2012, 39, 1256-1263.	4.4	83
5	Resource-constrained project scheduling problem: review of past and recent developments. Journal of Project Management, 2018, , 55-88.	0.8	73
6	Meta-heuristic algorithms for solving a fuzzy single-period problem. Mathematical and Computer Modelling, 2011, 54, 1273-1285.	2.0	61
7	A mathematical model for project scheduling and material ordering problem with sustainability considerations: A case study in Iran. Computers and Industrial Engineering, 2019, 128, 690-710.	3.4	54
8	A dual-channel network design model in a green supply chain considering pricing and transportation mode choice. Journal of Intelligent Manufacturing, 2018, 29, 1465-1483.	4.4	46
9	An Efficient Hybrid Particle Swarm Optimization Algorithm for Solving the Uncapacitated Continuous Location-Allocation Problem. Networks and Spatial Economics, 2012, 12, 421-439.	0.7	37
10	A novel game theoretic approach for modeling competitive information diffusion in social networks with heterogeneous nodes. Physica A: Statistical Mechanics and Its Applications, 2017, 466, 570-582.	1.2	34
11	Modelling the effects of machine breakdowns in the generalized cell formation problem. International Journal of Advanced Manufacturing Technology, 2008, 39, 838-850.	1.5	32
12	A multi-compartment capacitated arc routing problem with intermediate facilities for solid waste collection using hybrid adaptive large neighborhood search and whale algorithm. Waste Management and Research, 2019, 37, 38-47.	2.2	29
13	Designing a sustainable multi-channel supply chain distribution network: A case study. Journal of Cleaner Production, 2020, 251, 119628.	4.6	29
14	Machineâ€“part cell formation using a hybrid particle swarm optimization. International Journal of Advanced Manufacturing Technology, 2010, 47, 745-754.	1.5	25
15	Applying two efficient hybrid heuristics for hub location problem with fully interconnected backbone and access networks. Computers and Operations Research, 2013, 40, 2493-2507.	2.4	24
16	Solving a multi-objective sustainable waste collection problem considering a new collection network. Operational Research, 2020, 20, 1977-2015.	1.3	20
17	A hybrid Nelderâ€“Mead simplex and PSO approach on economic and economic-statistical designs of MEWMA control charts. International Journal of Advanced Manufacturing Technology, 2013, 65, 1339-1348.	1.5	17
18	APPLYING SIMULATED ANNEALING TO A GENERALIZED CELL FORMATION PROBLEM CONSIDERING ALTERNATIVE ROUTINGS AND MACHINE RELIABILITY. Asia-Pacific Journal of Operational Research, 2014, 31, 1450021.	0.9	17

#	Article	IF	Citations
19	A fuzzy optimization approach to the capacitated node-routing problem for municipal solid waste collection with multiple tours: A case study. Waste Management and Research, 2020, 38, 279-290.	2.2	17
20	A sustainable municipal solid waste system design considering public awareness and education: A case study. Waste Management and Research, 2020, 38, 626-638.	2.2	15
21	A hybrid algorithm to minimize makespan for the permutation flow shop scheduling problem. International Journal of Computational Intelligence Systems, 2010, 3, 853-861.	1.6	14
22	A simulated annealing-based heuristic for the single allocation maximal covering hub location problem. International Journal of Metaheuristics, 2012, 2, 15.	0.1	14
23	A novel intelligent particle swarm optimization algorithm for solving cell formation problem. Neural Computing and Applications, 2019, 31, 801-815.	3.2	14
24	A novel bi-objective credibility-based fuzzy model for municipal waste collection with hard time windows. Journal of Cleaner Production, 2021, 296, 126364.	4.6	14
25	A two-stage fuzzy optimization model for scarce drugs supply and ration planning under uncertainty: A case study. Applied Soft Computing Journal, 2019, 81, 105514.	4.1	13
26	Metaheuristic Algorithm for Solving Biobjective Possibility Planning Model of Location-Allocation in Disaster Relief Logistics. Journal of Applied Mathematics, 2014, 2014, 1-17.	0.4	12
27	A sustainable model for municipal solid waste system considering global warming potential impact: A case study. Computers and Industrial Engineering, 2022, 169, 108127.	3.4	12
28	Risk-pooling strategy, lead time, delivery reliability and inventory control decisions in a stochastic multi-objective supply chain network design. Annals of Operations Research, 2016, 244, 619-646.	2.6	10
29	Supplier selection in a single-echelon supply chain with horizontal competition using Imperialist competitive algorithm. International Journal of Computer Integrated Manufacturing, 2015, 28, 628-638.	2.9	9
30	Solving permutation flow shop sequencing using ant colony optimization. , 2007, , .		7
31	Identifying the success factors of knowledge management tools in research projects (Case study: A) Tj ETQq1 1 0.784314 rgBT /Over	0.8	7
32	Clustering Networksâ€™ Heterogeneous Data in Defining a Comprehensive Closeness Centrality Index. Mathematical Problems in Engineering, 2014, 2014, 1-10.	0.6	6
33	A new hybrid approach to discrete multiple facility location problem. International Journal of Advanced Manufacturing Technology, 2014, 71, 127-139.	1.5	5
34	A hybrid algorithm to minimize makespan for the permutation flow shop scheduling problem. International Journal of Computational Intelligence Systems, 2010, 3, 853.	1.6	5
35	A Multi-objective Hierarchical Location-allocation Model for the Healthcare Network Design Considering a Referral System. International Journal of Engineering Transactions B: Applications, 2018, 31, .	0.6	5
36	Designing sustainable supply chain network by considering direct and indirect shipment: Evidence from food industry. Decision Science Letters, 2020, , 323-336.	0.5	4

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37	A novel framework in complex network analysis: Considering both structure of relations and individual characteristics in closeness centrality computation. International Journal of Industrial Engineering Computations, 2013, 4, 227-240.	0.4	3
38	Using Bees Algorithm to Solve the Resource Constrained Project Scheduling Problem in PSPLIB. Communications in Computer and Information Science, 2011, , 486-494.	0.4	3
39	Multidisciplinary Design Optimization Approach for a Small Solid Propellant Launch Vehicle Conceptual Design Using Hybrid Simulated Annealing. Applied Mechanics and Materials, 0, 110-116, 4765-4771.	0.2	2
40	An integrated framework for outsourcing using balanced score card and ELECTRE III. Management Science Letters, 2011, 1, 99-106.	0.8	1
41	A genetic algorithm for total assessment of telecommunication sectors. , 2009, , .		0
42	A fast variable neighborhood search for p-hub median problem using social network analysis concepts. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2016, 39, 372-380.	0.6	0