

Amirsaman Kheirkhah

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

614
citations

623188

14
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy logic in manufacturing: A review of literature and a specialized application. International Journal of Production Economics, 2011, 132, 258-270.	5.1	114
2	Improved estimation of electricity demand function by using of artificial neural network, principal component analysis and data envelopment analysis. Computers and Industrial Engineering, 2013, 64, 425-441.	3.4	64
3	A hybrid multi-objective genetic algorithm based on the ELECTRE method for a capacitated flexible job shop scheduling problem. International Journal of Advanced Manufacturing Technology, 2015, 77, 51-66.	1.5	40
4	Designing safe job rotation schedules based upon workers' skills. International Journal of Advanced Manufacturing Technology, 2009, 41, 193-199.	1.5	37
5	A comprehensive approach in designing a sustainable closed-loop supply chain network using cross-docking operations. Computational and Mathematical Organization Theory, 2018, 24, 51-98.	1.5	33
6	Simultaneous lot-sizing and scheduling in flexible job shop problems. International Journal of Advanced Manufacturing Technology, 2015, 78, 1-18.	1.5	32
7	DEVELOPING STRATEGIES TO REDUCE THE RISK OF HAZARDOUS MATERIALS TRANSPORTATION IN IRAN USING THE METHOD OF FUZZY SWOT ANALYSIS. Transport, 2009, 24, 325-332.	0.6	31
8	TRANSPORTATION OF HAZARDOUS MATERIALS IN IRAN: A STRATEGIC APPROACH FOR DECREASING ACCIDENTS. Transport, 2008, 23, 104-111.	0.6	27
9	Novel Pareto-based meta-heuristics for solving multi-objective multi-item capacitated lot-sizing problems. International Journal of Advanced Manufacturing Technology, 2015, 80, 31-45.	1.5	25
10	Dynamic Facility Layout Problem: A New Bilevel Formulation and Some Metaheuristic Solution Methods. IEEE Transactions on Engineering Management, 2015, 62, 396-410.	2.4	24
11	Two hybrid tabu search and firefly algorithms for the capacitated job shop scheduling problem with sequence-dependent setup cost. International Journal of Computer Integrated Manufacturing, 2015, 28, 470-487.	2.9	24
12	Application of fuzzy calculations for improving portfolio matrices. Information Sciences, 2010, 180, 1582-1590.	4.0	23
13	A bi-level network interdiction model for solving the hazmat routing problem. International Journal of Production Research, 2016, 54, 459-471.	4.9	22
14	Using cross-docking operations in a reverse logistics network design: a new approach. Production Engineering, 2016, 10, 175-184.	1.1	21
15	Applying forward and reverse cross-docking in a multi-product integrated supply chain network. Production Engineering, 2017, 11, 495-509.	1.1	15
16	An evaluation model for measuring customer satisfaction levels in a water supply domain: case study of water supply in Hamedan. Water Policy, 2011, 13, 490-505.	0.7	12
17	An Improved Benders Decomposition Algorithm for an Arc Interdiction Vehicle Routing Problem. IEEE Transactions on Engineering Management, 2016, 63, 259-273.	2.4	11
18	Considering chain-to-chain competition on environmental and social concerns in a supply chain network design problem. International Journal of Management Science and Engineering Management, 2019, 14, 33-46.	2.6	11

#	ARTICLE	IF	CITATIONS
19	A network approach modeling of multi-echelon spare-part inventory system with backorders and quantity discount. <i>Annals of Operations Research</i> , 2015, 226, 551-563.	2.6	8
20	An arc interdiction vehicle routing problem with information asymmetry. <i>Computers and Industrial Engineering</i> , 2018, 115, 520-531.	3.4	8
21	A three-phase heuristic approach to solve an integrated cell formation and production planning problem. <i>Uncertain Supply Chain Management</i> , 2018, , 213-228.	2.3	8
22	Integrated and Dynamic Design of Sustainable Closed-loop Supply Chain Network Considering Pricing. <i>Scientia Iranica</i> , 2017, .	0.3	7
23	M-machine, no-wait flowshop scheduling with sequence dependent setup times and truncated learning function to minimize the makespan. <i>International Journal of Industrial Engineering Computations</i> , 2016, , 309-322.	0.4	6
24	A stochastic model for the cell formation problem considering machine reliability. <i>Journal of Industrial Engineering International</i> , 2015, 11, 375-389.	1.8	5
25	Dynamic facility layout problem under competitive environment: a new formulation and some meta-heuristic solution methods. <i>Production Engineering</i> , 2016, 10, 615-632.	1.1	5
26	A graph-theoretic-based meta-heuristic algorithm for solving cooperative dynamic facility layout problems. <i>International Journal of Process Management and Benchmarking</i> , 2018, 8, 340.	0.1	1