

Hadi Mokhtari

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,056
citations

361413

20
h-index

434195

31
g-index

55
all docs

55
docs citations

55
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	An energy-efficient multi-objective optimization for flexible job-shop scheduling problem. Computers and Chemical Engineering, 2017, 104, 339-352.	3.8	189
2	A multi-objective optimization approach for green and resilient supply chain network design: A real-life case study. Journal of Cleaner Production, 2021, 278, 123199.	9.3	95
3	Scheduling optimization of a stochastic flexible job-shop system with time-varying machine failure rate. Computers and Operations Research, 2015, 61, 31-45.	4.0	58
4	A reliability/availability approach to joint production and maintenance scheduling with multiple preventive maintenance services. International Journal of Production Research, 2012, 50, 5906-5925.	7.5	39
5	A multi-objective flow shop scheduling with resource-dependent processing times: trade-off between makespan and cost of resources. International Journal of Production Research, 2011, 49, 5851-5875.	7.5	37
6	Ant colony optimization algorithm for stochastic project crashing problem in PERT networks using MC simulation. International Journal of Advanced Manufacturing Technology, 2009, 45, 1051-1067.	3.0	35
7	A multi-objective model for cleaner production-transportation planning in manufacturing plants via fuzzy goal programming. Journal of Manufacturing Systems, 2017, 44, 230-242.	13.9	34
8	Project timeâ€‘cost trade-off scheduling: a hybrid optimization approach. International Journal of Advanced Manufacturing Technology, 2010, 50, 811-822.	3.0	33
9	Time-Cost Tradeoff Analysis in Project Management: An Ant System Approach. IEEE Transactions on Engineering Management, 2011, 58, 36-43.	3.5	33
10	Scheduling with an outsourcing option on both manufacturer and subcontractors. Computers and Operations Research, 2013, 40, 1234-1242.	4.0	33
11	Research on computational intelligence algorithms with adaptive learning approach for scheduling problems with batch processing machines. Neurocomputing, 2013, 101, 190-203.	5.9	33
12	An efficient chaotic based PSO for earliness/tardiness optimization in a batch processing flow shop scheduling problem. Journal of Intelligent Manufacturing, 2018, 29, 1063-1081.	7.3	31
13	Production scheduling with outsourcing scenarios: a mixed integer programming and efficient solution procedure. International Journal of Production Research, 2012, 50, 5372-5395.	7.5	27
14	Aggregate production planning: A literature review and future research directions. International Journal of Industrial Engineering Computations, 2019, , 309-330.	0.7	27
15	A Monte Carlo simulation based chaotic differential evolution algorithm for scheduling a stochastic parallel processor system. Expert Systems With Applications, 2015, 42, 7132-7147.	7.6	25
16	Comparison of particle swarm optimization and simulated annealing for locating additional boreholes considering combined variance minimization. Computers and Geosciences, 2016, 95, 146-155.	4.2	24
17	Redesign strategies of a comprehensive robust relief network for disaster management. Socio-Economic Planning Sciences, 2018, 64, 92-102.	5.0	24
18	An integrated relief network design model under uncertainty: A case of Iran. Safety Science, 2019, 111, 22-36.	4.9	22

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19	A nature inspired intelligent water drops evolutionary algorithm for parallel processor scheduling with rejection. <i>Applied Soft Computing Journal</i> , 2015, 26, 166-179.	7.2	21
20	Cardinality Constrained Portfolio Optimization Using a Hybrid Approach Based on Particle Swarm Optimization and Hopfield Neural Network. <i>Advanced Science Letters</i> , 2012, 17, 11-20.	0.2	21
21	A robust scheduling of projects with time, cost, and quality considerations. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 60, 631-642.	3.0	19
22	Scheduling of printed circuit board (PCB) assembly systems with heterogeneous processors using simulation-based intelligent optimization methods. <i>Neural Computing and Applications</i> , 2015, 26, 857-873.	5.6	18
23	Economic order quantity for joint complementary and substitutable items. <i>Mathematics and Computers in Simulation</i> , 2018, 154, 34-47.	4.4	18
24	A single-supplier, multi-buyer, multi-product VMI production-inventory system under partial backordering. <i>Operational Research</i> , 2020, 20, 37-57.	2.0	16
25	A robust posterior preference decision-making approach to multiple response process design. <i>International Journal of Applied Decision Sciences</i> , 2013, 6, 186.	0.3	15
26	Production capacity planning and scheduling in a no-wait environment with controllable processing times: An integrated modeling approach. <i>Expert Systems With Applications</i> , 2011, 38, 12630-12642.	7.6	13
27	A hybrid advertising media selection model using AHP and fuzzy-based GA decision making. <i>Neural Computing and Applications</i> , 2018, 29, 1153-1167.	5.6	11
28	A two-stage no-wait job shop scheduling problem by using a neuro-evolutionary variable neighborhood search. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 74, 1595-1610.	3.0	9
29	A joint internal production and external supplier order lot size optimization under defective manufacturing and rework. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 1039-1058.	3.0	8
30	Robust supplier selection in a closed loop supply chain using a hybrid approach based on design of experiments and simulation. <i>International Journal of Applied Decision Sciences</i> , 2015, 8, 304.	0.3	7
31	Joint ordering and reuse policy for reusable items inventory management. <i>Sustainable Production and Consumption</i> , 2018, 15, 163-172.	11.0	7
32	Designing a closed-loop blood supply chain network considering transportation flow and quality aspects. <i>Sustainable Operations and Computers</i> , 2021, 2, 170-189.	13.1	7
33	Optimal lot-sizing under learning effect in inspection errors with different types of imperfect quality items. <i>Operational Research</i> , 2022, 22, 2631-2665.	2.0	7
34	A robust modelling and optimisation framework for a batch processing flow shop production system in the presence of uncertainties. <i>International Journal of Computer Integrated Manufacturing</i> , 0, , 1-15.	4.6	5
35	Designing an efficient bi-criteria iterated greedy heuristic for simultaneous order scheduling and resource allocation: a balance between cost and lateness measures. <i>Neural Computing and Applications</i> , 2015, 26, 1085-1101.	5.6	5
36	A fuzzy multi-objective goal programming model for solving an aggregate production planning problem with uncertainty. <i>International Journal of Information and Decision Sciences</i> , 2017, 9, 97.	0.1	5

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37	A redundancy allocation problem by using utility function method and ant colony optimization: tradeoff between availability and total cost. <i>International Journal of Systems Assurance Engineering and Management</i> , 2019, 10, 416-428.	2.4	5
38	Three Dimensional Time, Cost and Quality Tradeoff Optimization in Project Decision Making. <i>Advanced Materials Research</i> , 0, 433-440, 5746-5752.	0.3	4
39	An Evolutionary Clustering-Based Optimization to Minimize Total Weighted Completion Time Variance in a Multiple Machine Manufacturing System. <i>International Journal of Information Technology and Decision Making</i> , 2015, 14, 971-991.	3.9	4
40	Manufacturing operations outsourcing through an artificial team process algorithm. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 487-501.	1.4	4
41	A multi-objective optimization for brush monofilament tufting process design. <i>Journal of Computational Design and Engineering</i> , 2018, 5, 120-136.	3.1	4
42	Economic Evaluation of Investment Projects Under Uncertainty: A Probability Theory Perspective. <i>Scientia Iranica</i> , 2018, .	0.4	4
43	A bi-objective airline revenue management problem with possible cancellation. <i>International Journal of Applied Management Science</i> , 2016, 8, 20.	0.2	3
44	A probabilistic portfolio budget allocation problem with CPI index under risk. <i>Journal of Industrial and Production Engineering</i> , 2016, 33, 236-246.	3.1	3
45	Research on group search optimizers for a reconfigurable flow shop sequencing problem. <i>Neural Computing and Applications</i> , 2016, 27, 1657-1667.	5.6	3
46	A Multi-Objective Multi-State Degraded System to Optimize Maintenance/Repair Costs and System Availability. <i>Scientia Iranica</i> , 2017, 24, 355-363.	0.4	3
47	A Genetic Programming Guided Search Designed for Production Scheduling When Batch Processing Machines are Available. <i>Advanced Science Letters</i> , 2012, 18, 85-91.	0.2	2
48	Economic Order Quantity for Imperfect Quality Items Under Inspection Errors, Batch Replacement and Multiple Sales of Returned Items. <i>Scientia Iranica</i> , 2019, .	0.4	2
49	A statistical analysis and simulation based approach to an uncertain supplier selection problem with discount option. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018, 9, 1250-1259.	2.4	1
50	A Single Machine Capacitated Production Planning Problem Under Uncertainty: A Grey Linear Programming Approach. <i>International Journal of Engineering, Transactions B: Applications</i> , 0, , .	0.7	1
51	Optimal Lot Size in a Manufacturing System with Imperfect Raw Materials and Defective Finished Products. <i>Scientia Iranica</i> , 2018, .	0.4	1
52	Extended Economic Production Quantity Models with Preventive Maintenance. <i>Scientia Iranica</i> , 2019, .	0.4	1
53	A desirability function-based approach for optimising generalised queuing networks. <i>International Journal of Applied Management Science</i> , 2015, 7, 194.	0.2	0
54	Solving a multi-objective redundancy allocation problem under opportunistic maintenance strategy. <i>International Journal of Data Analysis Techniques and Strategies</i> , 2017, 9, 145.	0.2	0

#	ARTICLE	IF	CITATIONS
55	An interactive preference decision making approach to multi-response process design with location and dispersion effects. International Journal of Information and Decision Sciences, 2017, 9, 224.	0.1	0