Javad Behnamian

List of Publications by Year
in descending order

60 papers	1,382 citations	393982 19 h-index	360668 35 g-index
60 all docs	60 docs citations	60 times ranked	1006 citing authors

#	Article	IF	Citations
1	Location and transportation of intermodal hazmat considering equipment capacity and congestion impact: elastic method and sub-population genetic algorithm. Annals of Operations Research, 2022, 316, 303-341.	2.6	4
2	Recent trends in distributed production network scheduling problem. Artificial Intelligence Review, 2022, 55, 2945-2995.	9.7	9
3	Benders decomposition-based particle swarm optimization for competitive supply networks with a sustainable multi-agent platform and virtual alliances. Applied Soft Computing Journal, 2022, 114, 107985.	4.1	8
4	Collaborative scheduling of operating room in hospital network: Multi-objective learning variable neighborhood search. Applied Soft Computing Journal, 2022, 116, 108233.	4.1	8
5	Competitive planning of partnership supply networks focusing on sustainable multi-agent transportation and virtual alliance: A matheuristic approach. Journal of Cleaner Production, 2022, 333, 130073.	4.6	4
6	Multi-fleet feeder vehicle routing problem using hybrid metaheuristic. Computers and Operations Research, 2022, 141, 105696.	2.4	9
7	Multi-product production routing problem by consideration of outsourcing and carbon emissions: particle swarm optimization. Engineering Optimization, 2021, 53, 1298-1314.	1.5	5
8	Hyper-heuristic for integrated due-window scheduling and vehicle routing problem for perishable products considering production quality. Engineering Optimization, 2021, 53, 1902-1921.	1.5	5
9	A scenario-based robust optimization with a pessimistic approach for nurse rostering problem. Journal of Combinatorial Optimization, 2021, 41, 143-169.	0.8	13
10	Lagrangian heuristic algorithm for green multi-product production routing problem with reverse logistics and remanufacturing. Journal of Manufacturing Systems, 2021, 58, 33-43.	7.6	31
11	A Multi-objective Particle Swarm Optimization Based on Pareto Archive for Integrated Production and Distribution Planning in A Green Supply Chain. Applied Artificial Intelligence, 2021, 35, 133-153.	2.0	8
12	A survey on competitive supply networks focusing on partnership structures and virtual alliance: New trends. Journal of Cleaner Production, 2021, 287, 125031.	4.6	5
13	Strategic supplier selection based on modified sandcone theory and alignment principle. Sustainable Production and Consumption, 2021, 26, 256-274.	5.7	9
14	Multi-objective multi-factory scheduling. RAIRO - Operations Research, 2021, 55, S1447-S1467.	1.0	9
15	A scatter search algorithm with a novel solution representation for flexible open shop scheduling: a multi-objective optimization. Journal of Supercomputing, 2021, 77, 13115-13138.	2.4	10
16	Flexible job-shop scheduling problem with unrelated parallel machines and resources-dependent processing times: a tabu search algorithm. International Journal of Management Science and Engineering Management, 2021, 16, 242-253.	2.6	11
17	Competition in the growth period of partnership supply networks based on multi-joint distribution and virtual alliance: A sustainable approach. Computers and Industrial Engineering, 2021, 159, 107524.	3.4	3
18	Preventive maintenance scheduling of electricity distribution network feeders to reduce undistributed energy: A case study in Iran. Electric Power Systems Research, 2021, 201, 107509.	2.1	7

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19	Multi-agent capacitated scheduling for profit-maximizing using a decomposition-based branch and cut algorithm. International Journal of Management Science and Engineering Management, 2021, 16, 73-82.	2.6	8
20	Multi-objective green flowshop scheduling problem under uncertainty: Estimation of distribution algorithm. Journal of Cleaner Production, 2020, 251, 119734.	4.6	16
21	Heterogeneous Networked Cooperative Scheduling With Anarchic Particle Swarm Optimization. IEEE Transactions on Engineering Management, 2017, 64, 166-178.	2.4	16
22	Matheuristic for the decentralized factories scheduling problem. Applied Mathematical Modelling, 2017, 47, 668-684.	2.2	15
23	A Markovian approach for multi-level multi-product multi-period capacitated lot-sizing problem with uncertainty in levels. International Journal of Production Research, 2017, 55, 5330-5340.	4.9	8
24	Allocation and sequencing in 1-out-of-N heterogeneous cold-standby systems: Multi-objective harmony search with dynamic parameters tuning. Reliability Engineering and System Safety, 2017, 157, 78-86.	5.1	25
25	A survey of multi-factory scheduling. Journal of Intelligent Manufacturing, 2016, 27, 231-249.	4.4	108
26	Survey on fuzzy shop scheduling. Fuzzy Optimization and Decision Making, 2016, 15, 331-366.	3.4	32
27	Graph colouring-based algorithm to parallel jobs scheduling on parallel factories. International Journal of Computer Integrated Manufacturing, 2016, 29, 622-635.	2.9	12
28	Minimizing cost-related objective in synchronous scheduling of parallel factories in the virtual production network. Applied Soft Computing Journal, 2015, 29, 221-232.	4.1	19
29	Combined Electromagnetism-Like Algorithm with Tabu Search to Scheduling. Advances in Computational Intelligence and Robotics Book Series, 2015, , 478-508.	0.4	1
30	Realistic variant of just-in-time flowshop scheduling: integration of L p -metric method in PSO-like algorithm. International Journal of Advanced Manufacturing Technology, 2014, 75, 1787-1797.	1.5	3
31	Multi-objective assembly permutation flow shop scheduling problem: a mathematical model and a meta-heuristic algorithm. Journal of the Operational Research Society, 2014, 65, 1580-1592.	2.1	14
32	A parallel competitive colonial algorithm for JIT flowshop scheduling. Journal of Computational Science, 2014, 5, 777-783.	1.5	11
33	Multi-objective fuzzy multiprocessor flowshop scheduling. Applied Soft Computing Journal, 2014, 21, 139-148.	4.1	34
34	Particle swarm optimization-based algorithm for fuzzy parallel machine scheduling. International Journal of Advanced Manufacturing Technology, 2014, 75, 883-895.	1.5	17
35	Scheduling and worker assignment problems on hybrid flowshop with cost-related objective function. International Journal of Advanced Manufacturing Technology, 2014, 74, 267-283.	1.5	14
36	An iterative method for forecasting most probable point of stochastic demand. Journal of Industrial Engineering International, 2014, 10, 1.	1.8	0

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37	Decomposition based hybrid VNS–TS algorithm for distributed parallel factories scheduling with virtual corporation. Computers and Operations Research, 2014, 52, 181-191.	2.4	41
38	Earliness and Tardiness Minimizing on a Realistic Hybrid Flowshop Scheduling with Learning Effect by Advanced Metaheuristic. Arabian Journal for Science and Engineering, 2013, 38, 1229-1242.	1.1	24
39	The heterogeneous multi-factory production network scheduling with adaptive communication policy and parallel machine. Information Sciences, 2013, 219, 181-196.	4.0	64
40	Hybrid flowshop scheduling with sequence–dependent setup times by hybridizing max–min ant system, simulated annealing and variable neighbourhood search. Expert Systems, 2012, 29, 156-169.	2.9	2
41	Incorporating transportation time in multi-agent production network scheduling. International Journal of Computer Integrated Manufacturing, 2012, 25, 1111-1128.	2.9	8
42	Two-machine flow shop total tardiness scheduling problem with deteriorating jobs. Applied Mathematical Modelling, 2012, 36, 5418-5426.	2.2	16
43	Application of particle swarm optimization and simulated annealing algorithms in flow shop scheduling problem under linear deterioration. Advances in Engineering Software, 2012, 47, 1-6.	1.8	38
44	Realistic two-stage flowshop batch scheduling problems with transportation capacity and times. Applied Mathematical Modelling, 2012, 36, 723-735.	2.2	16
45	Minimizing makespan on a three-machine flowshop batch scheduling problem with transportation using genetic algorithm. Applied Soft Computing Journal, 2012, 12, 768-777.	4.1	24
46	Hybrid solving algorithm for complex machine scheduling problem. , 2011, , .		1
47	A discrete colonial competitive algorithm for hybrid flowshop scheduling to minimize earliness and quadratic tardiness penalties. Expert Systems With Applications, 2011, 38, 14490-14498.	4.4	115
48	Bi-objective parallel machines scheduling with sequence-dependent setup times using hybrid metaheuristics and weighted min–max technique. Soft Computing, 2011, 15, 1313-1331.	2.1	15
49	Hybrid flowshop scheduling with machine and resource-dependent processing times. Applied Mathematical Modelling, 2011, 35, 1107-1123.	2.2	85
50	Due windows group scheduling using an effective hybrid optimization approach. International Journal of Advanced Manufacturing Technology, 2010, 46, 721-735.	1.5	29
51	Development of a PSO–SA hybrid metaheuristic for a new comprehensive regression model to time-series forecasting. Expert Systems With Applications, 2010, 37, 974-984.	4.4	70
52	Parallel machines scheduling with dual criteria and sequence-dependent setups: Cooperative metaheuristics. , 2010, , .		0
53	Development of a hybrid metaheuristic to minimise earliness and tardiness in a hybrid flowshop with sequence-dependent setup times. International Journal of Production Research, 2010, 48, 1415-1438.	4.9	36
54	A multi-phase covering Pareto-optimal front method to multi-objective parallel machine scheduling. International Journal of Production Research, 2010, 48, 4949-4976.	4.9	23

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55	Due window scheduling with sequence-dependent setup on parallel machines using three hybrid metaheuristic algorithms. International Journal of Advanced Manufacturing Technology, 2009, 44, 795-808.	1.5	24
56	Parallel-machine scheduling problems with sequence-dependent setup times using an ACO, SA and VNS hybrid algorithm. Expert Systems With Applications, 2009, 36, 9637-9644.	4.4	115
57	A multi-phase covering Pareto-optimal front method to multi-objective scheduling in a realistic hybrid flowshop using a hybrid metaheuristic. Expert Systems With Applications, 2009, 36, 11057-11069.	4.4	116
58	Storage System Layout. Contributions To Management Science, 2009, , 419-450.	0.4	3
59	Multi-cut Benders decomposition approach to collaborative scheduling. International Journal of Computer Integrated Manufacturing, 0, , 1-11.	2.9	6
60	A strategic scheme for partnership supply networks focusing on green multi-agent transportations: a game theory approach. Environmental Science and Pollution Research, 0, , .	2.7	0