

Javad Behnamian

List of Publications by Year in descending order

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Version: 2024-02-01

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	A multi-phase covering Pareto-optimal front method to multi-objective scheduling in a realistic hybrid flowshop using a hybrid metaheuristic. <i>Expert Systems With Applications</i> , 2009, 36, 11057-11069.	4.4	116
2	Parallel-machine scheduling problems with sequence-dependent setup times using an ACO, SA and VNS hybrid algorithm. <i>Expert Systems With Applications</i> , 2009, 36, 9637-9644.	4.4	115
3	A discrete colonial competitive algorithm for hybrid flowshop scheduling to minimize earliness and quadratic tardiness penalties. <i>Expert Systems With Applications</i> , 2011, 38, 14490-14498.	4.4	115
4	A survey of multi-factory scheduling. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 231-249.	4.4	108
5	Hybrid flowshop scheduling with machine and resource-dependent processing times. <i>Applied Mathematical Modelling</i> , 2011, 35, 1107-1123.	2.2	85
6	Development of a PSO-SA hybrid metaheuristic for a new comprehensive regression model to time-series forecasting. <i>Expert Systems With Applications</i> , 2010, 37, 974-984.	4.4	70
7	The heterogeneous multi-factory production network scheduling with adaptive communication policy and parallel machine. <i>Information Sciences</i> , 2013, 219, 181-196.	4.0	64
8	Decomposition based hybrid VNS-TS algorithm for distributed parallel factories scheduling with virtual corporation. <i>Computers and Operations Research</i> , 2014, 52, 181-191.	2.4	41
9	Application of particle swarm optimization and simulated annealing algorithms in flow shop scheduling problem under linear deterioration. <i>Advances in Engineering Software</i> , 2012, 47, 1-6.	1.8	38
10	Development of a hybrid metaheuristic to minimise earliness and tardiness in a hybrid flowshop with sequence-dependent setup times. <i>International Journal of Production Research</i> , 2010, 48, 1415-1438.	4.9	36
11	Multi-objective fuzzy multiprocessor flowshop scheduling. <i>Applied Soft Computing Journal</i> , 2014, 21, 139-148.	4.1	34
12	Survey on fuzzy shop scheduling. <i>Fuzzy Optimization and Decision Making</i> , 2016, 15, 331-366.	3.4	32
13	Lagrangian heuristic algorithm for green multi-product production routing problem with reverse logistics and remanufacturing. <i>Journal of Manufacturing Systems</i> , 2021, 58, 33-43.	7.6	31
14	Due windows group scheduling using an effective hybrid optimization approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 46, 721-735.	1.5	29
15	Allocation and sequencing in 1-out-of-N heterogeneous cold-standby systems: Multi-objective harmony search with dynamic parameters tuning. <i>Reliability Engineering and System Safety</i> , 2017, 157, 78-86.	5.1	25
16	Due window scheduling with sequence-dependent setup on parallel machines using three hybrid metaheuristic algorithms. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 44, 795-808.	1.5	24
17	Minimizing makespan on a three-machine flowshop batch scheduling problem with transportation using genetic algorithm. <i>Applied Soft Computing Journal</i> , 2012, 12, 768-777.	4.1	24
18	Earliness and Tardiness Minimizing on a Realistic Hybrid Flowshop Scheduling with Learning Effect by Advanced Metaheuristic. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 1229-1242.	1.1	24

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Particle swarm optimization-based algorithm for fuzzy parallel machine scheduling. International Journal of Advanced Manufacturing Technology, 2014, 75, 883-895.	1.5	17
22	Two-machine flow shop total tardiness scheduling problem with deteriorating jobs. Applied Mathematical Modelling, 2012, 36, 5418-5426.	2.2	16
23	Realistic two-stage flowshop batch scheduling problems with transportation capacity and times. Applied Mathematical Modelling, 2012, 36, 723-735.	2.2	16
24	Heterogeneous Networked Cooperative Scheduling With Anarchic Particle Swarm Optimization. IEEE Transactions on Engineering Management, 2017, 64, 166-178.	2.4	16
25	Multi-objective green flowshop scheduling problem under uncertainty: Estimation of distribution algorithm. Journal of Cleaner Production, 2020, 251, 119734.	4.6	16
26	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
27	Matheuristic for the decentralized factories scheduling problem. Applied Mathematical Modelling, 2017, 47, 668-684.	2.2	15
28	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
29	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
30	A scenario-based robust optimization with a pessimistic approach for nurse rostering problem. Journal of Combinatorial Optimization, 2021, 41, 143-169.	0.8	13
31	Graph colouring-based algorithm to parallel jobs scheduling on parallel factories. International Journal of Computer Integrated Manufacturing, 2016, 29, 622-635.	2.9	12
32	A parallel competitive colonial algorithm for JIT flowshop scheduling. Journal of Computational Science, 2014, 5, 777-783.	1.5	11
33	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
34	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
35	Strategic supplier selection based on modified sandcone theory and alignment principle. Sustainable Production and Consumption, 2021, 26, 256-274.	5.7	9
36	Multi-objective multi-factory scheduling. RAIRO - Operations Research, 2021, 55, S1447-S1467.	1.0	9

#	ARTICLE	IF	CITATIONS
37	Recent trends in distributed production network scheduling problem. <i>Artificial Intelligence Review</i> , 2022, 55, 2945-2995.	9.7	9
38	Multi-fleet feeder vehicle routing problem using hybrid metaheuristic. <i>Computers and Operations Research</i> , 2022, 141, 105696.	2.4	9
39	Incorporating transportation time in multi-agent production network scheduling. <i>International Journal of Computer Integrated Manufacturing</i> , 2012, 25, 1111-1128.	2.9	8
40	A Markovian approach for multi-level multi-product multi-period capacitated lot-sizing problem with uncertainty in levels. <i>International Journal of Production Research</i> , 2017, 55, 5330-5340.	4.9	8
41	A Multi-objective Particle Swarm Optimization Based on Pareto Archive for Integrated Production and Distribution Planning in A Green Supply Chain. <i>Applied Artificial Intelligence</i> , 2021, 35, 133-153.	2.0	8
42	Multi-agent capacitated scheduling for profit-maximizing using a decomposition-based branch and cut algorithm. <i>International Journal of Management Science and Engineering Management</i> , 2021, 16, 73-82.	2.6	8
43	Benders decomposition-based particle swarm optimization for competitive supply networks with a sustainable multi-agent platform and virtual alliances. <i>Applied Soft Computing Journal</i> , 2022, 114, 107985.	4.1	8
44	Collaborative scheduling of operating room in hospital network: Multi-objective learning variable neighborhood search. <i>Applied Soft Computing Journal</i> , 2022, 116, 108233.	4.1	8
45	Preventive maintenance scheduling of electricity distribution network feeders to reduce undistributed energy: A case study in Iran. <i>Electric Power Systems Research</i> , 2021, 201, 107509.	2.1	7
46	Multi-cut Benders decomposition approach to collaborative scheduling. <i>International Journal of Computer Integrated Manufacturing</i> , 0, , 1-11.	2.9	6
47	Multi-product production routing problem by consideration of outsourcing and carbon emissions: particle swarm optimization. <i>Engineering Optimization</i> , 2021, 53, 1298-1314.	1.5	5
48	Hyper-heuristic for integrated due-window scheduling and vehicle routing problem for perishable products considering production quality. <i>Engineering Optimization</i> , 2021, 53, 1902-1921.	1.5	5
49	A survey on competitive supply networks focusing on partnership structures and virtual alliance: New trends. <i>Journal of Cleaner Production</i> , 2021, 287, 125031.	4.6	5
50	Location and transportation of intermodal hazmat considering equipment capacity and congestion impact: elastic method and sub-population genetic algorithm. <i>Annals of Operations Research</i> , 2022, 316, 303-341.	2.6	4
51	Competitive planning of partnership supply networks focusing on sustainable multi-agent transportation and virtual alliance: A matheuristic approach. <i>Journal of Cleaner Production</i> , 2022, 333, 130073.	4.6	4
52	Realistic variant of just-in-time flowshop scheduling: integration of L p -metric method in PSO-like algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 75, 1787-1797.	1.5	3
53	Competition in the growth period of partnership supply networks based on multi-joint distribution and virtual alliance: A sustainable approach. <i>Computers and Industrial Engineering</i> , 2021, 159, 107524.	3.4	3
54	Storage System Layout. <i>Contributions To Management Science</i> , 2009, , 419-450.	0.4	3

#	ARTICLE	IF	CITATIONS
55	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
56	Hybrid solving algorithm for complex machine scheduling problem. , 2011, , .		1
57	Combined Electromagnetism-Like Algorithm with Tabu Search to Scheduling. Advances in Computational Intelligence and Robotics Book Series, 2015, , 478-508.	0.4	1
58	Parallel machines scheduling with dual criteria and sequence-dependent setups: Cooperative metaheuristics. , 2010, , .		0
59	An iterative method for forecasting most probable point of stochastic demand. Journal of Industrial Engineering International, 2014, 10, 1.	1.8	0
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