

# Mostafa Zandieh

## List of Publications by Citations

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167  
papers

5,476  
citations

46  
h-index

66  
g-index

175  
ext. papers

6,167  
ext. citations

4.4  
avg, IF

6.29  
L-index

#	Paper	IF	Citations
167	An immune algorithm approach to hybrid flow shops scheduling with sequence-dependent setup times. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 180, 111-127	2.7	175
166	An artificial immune algorithm for the flexible job-shop scheduling problem. <i>Future Generation Computer Systems</i> , <b>2010</b> , 26, 533-541	7.5	173
165	Flexible job-shop scheduling with parallel variable neighborhood search algorithm. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 678-687	7.8	153
164	An improved simulated annealing for hybrid flowshops with sequence-dependent setup and transportation times to minimize total completion time and total tardiness. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 9625-9633	7.8	133
163	Scheduling trucks in cross-docking systems: Robust meta-heuristics. <i>Computers and Industrial Engineering</i> , <b>2010</b> , 58, 12-24	6.4	130
162	Multi-objective scheduling of dynamic job shop using variable neighborhood search. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 282-287	7.8	124
161	A multi objective optimization approach for flexible job shop scheduling problem under random machine breakdown by evolutionary algorithms. <i>Computers and Operations Research</i> , <b>2016</b> , 73, 56-66	4.6	122
160	Bi-objective optimization research on integrated fixed time interval preventive maintenance and production for scheduling flexible job-shop problem. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 7169-7178	7.8	104
159	A new biogeography-based optimization (BBO) algorithm for the flexible job shop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 58, 1115-1129	3.2	98
158	Parallel-machine scheduling problems with sequence-dependent setup times using an ACO, SA and VNS hybrid algorithm. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 9637-9644	7.8	98
157	Bi-objective group scheduling in hybrid flexible flowshop: A multi-phase approach. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 4024-4032	7.8	98
156	A novel imperialist competitive algorithm for bi-criteria scheduling of the assembly flowshop problem. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 3087-3103	7.8	96
155	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> , <b>2009</b> , 36, 11057-11069	7.8	94
154	Meta-heuristics implementation for scheduling of trucks in a cross-docking system with temporary storage. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 1964-1979	7.8	91
153	A discrete colonial competitive algorithm for hybrid flowshop scheduling to minimize earliness and quadratic tardiness penalties. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 14490-14498	7.8	88
152	Bi-objective partial flexible job shop scheduling problem: NSGA-II, NREGA, MOGA and PAES approaches. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 7327-7342	7.8	81
151	Integrating simulation and genetic algorithm to schedule a dynamic flexible job shop. <i>Journal of Intelligent Manufacturing</i> , <b>2009</b> , 20, 481-498	6.7	80

150	Flexible job shop scheduling under condition-based maintenance: Improved version of imperialist competitive algorithm. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 58, 449-464	7.5	77
149	Cloud theory-based simulated annealing approach for scheduling in the two-stage assembly flowshop. <i>Advances in Engineering Software</i> , <b>2010</b> , 41, 1238-1243	3.6	76
148	Enhanced intelligent water drops and cuckoo search algorithms for solving the capacitated vehicle routing problem. <i>Information Sciences</i> , <b>2016</b> , 334-335, 354-378	7.7	72
147	Scheduling hybrid flowshops with sequence dependent setup times to minimize makespan and maximum tardiness. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2009</b> , 41, 1186-1198	3.2	70
146	A multi criteria decision making framework for sustainability assessment of bioenergy production technologies with hesitant fuzzy linguistic term sets: The case of Iran. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 77, 1130-1145	16.2	69
145	An adaptive multi-population genetic algorithm to solve the multi-objective group scheduling problem in hybrid flexible flowshop with sequence-dependent setup times. <i>Journal of Intelligent Manufacturing</i> , <b>2011</b> , 22, 979-989	6.7	69
144	Algorithms for a realistic variant of flowshop scheduling. <i>Computers and Operations Research</i> , <b>2010</b> , 37, 236-246	4.6	68
143	An immune algorithm for scheduling a hybrid flow shop with sequence-dependent setup times and machines with random breakdowns. <i>International Journal of Production Research</i> , <b>2009</b> , 47, 6999-7027	7.8	65
142	Scheduling hybrid flow shop with sequence-dependent setup times and machines with random breakdowns. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2009</b> , 42, 189-201	3.2	64
141	Extension of the ELECTRE method for decision-making problems with interval weights and data. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 50, 793-800	3.2	60
140	Bi-criteria flexible job-shop scheduling with sequence-dependent setup times and variable neighborhood search approach. <i>Journal of Manufacturing Systems</i> , <b>2011</b> , 30, 8-15	9.1	59
139	Balancing of stochastic U-type assembly lines: an imperialist competitive algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2011</b> , 54, 271-285	3.2	58
138	A multi-criteria cross-docking scheduling with just-in-time approach. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 49, 741-756	3.2	58
137	A study on integrating sequence dependent setup time flexible flow lines and preventive maintenance scheduling. <i>Journal of Intelligent Manufacturing</i> , <b>2009</b> , 20, 683-694	6.7	57
136	Robust bi-level optimization for green opportunistic supply chain network design problem against uncertainty and environmental risk. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 107, 301-312	6.4	55
135	A simulated annealing algorithm approach to hybrid flow shop scheduling with sequence-dependent setup times. <i>Journal of Intelligent Manufacturing</i> , <b>2011</b> , 22, 965-978	6.7	55
134	A hybrid multi-criteria decision-making model for firms competence evaluation. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 12314-12322	7.8	53
133	Dynamic job shop scheduling using variable neighbourhood search. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 2449-2458	7.8	52

132	A simulated annealing algorithm for balancing the assembly line type II problem with sequence-dependent setup times between tasks. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 805-825	7.8	52
131	Scheduling sequence-dependent setup time job shops with preventive maintenance. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2009</b> , 43, 170-181	3.2	52
130	Simultaneous solving of balancing and sequencing problems with station-dependent assembly times for mixed-model assembly lines. <i>Applied Soft Computing Journal</i> , <b>2012</b> , 12, 1359-1370	7.5	51
129	Scheduling open shops with parallel machines to minimize total completion time. <i>Journal of Computational and Applied Mathematics</i> , <b>2011</b> , 235, 1275-1287	2.4	51
128	Two novel FMCDM methods for alternative-fuel buses selection. <i>Applied Mathematical Modelling</i> , <b>2011</b> , 35, 1396-1412	4.5	49
127	An imperialist competitive algorithm to schedule of receiving and shipping trucks in cross-docking systems. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 51, 1179-1193	3.2	48
126	An integrated eigenvector DEATOPSIS methodology for portfolio risk evaluation in the FOREX spot market. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 509-516	7.8	48
125	An efficient knowledge-based algorithm for the flexible job shop scheduling problem. <i>Knowledge-Based Systems</i> , <b>2012</b> , 36, 236-244	7.3	47
124	Scheduling job shop problems with sequence-dependent setup times. <i>International Journal of Production Research</i> , <b>2009</b> , 47, 5959-5976	7.8	47
123	Group scheduling in flexible flow shops: a hybridised approach of imperialist competitive algorithm and electromagnetic-like mechanism. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 4965-4977	7.8	46
122	A variable neighbourhood search algorithm for the flexible job-shop scheduling problem. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 5671-5689	7.8	46
121	A hybrid multi-stage predictive model for supply chain network collapse recovery analysis: a practical framework for effective supply chain network continuity management. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 2035-2060	7.8	45
120	Developing two multi-objective evolutionary algorithms for the multi-objective flexible job shop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 64, 915-932	3.2	44
119	An improved hybrid multi-objective parallel genetic algorithm for hybrid flow shop scheduling with unrelated parallel machines. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 49, 1129-1139	3.2	44
118	Vehicle routing scheduling using an enhanced hybrid optimization approach. <i>Journal of Intelligent Manufacturing</i> , <b>2012</b> , 23, 759-774	6.7	43
117	Assembly line balancing by a new multi-objective differential evolution algorithm based on TOPSIS. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 2833-2855	7.8	42
116	Multi-objective genetic-based algorithms for a cross-docking scheduling problem. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 4954-4970	7.5	41
115	Hybrid flexible flowshops with sequence-dependent setup times and machine availability constraints. <i>Computers and Industrial Engineering</i> , <b>2009</b> , 57, 949-957	6.4	41

114	Scheduling the truck holdover recurrent dock cross-dock problem using robust meta-heuristics. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 46, 769-783	3.2	40
113	A contribution and new heuristics for open shop scheduling. <i>Computers and Operations Research</i> , <b>2010</b> , 37, 213-221	4.6	40
112	A robust parameter design for multi-response problems. <i>Journal of Computational and Applied Mathematics</i> , <b>2009</b> , 230, 463-476	2.4	39
111	Incorporating periodic preventive maintenance into flexible flowshop scheduling problems. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 2094-2101	7.5	39
110	Comparisons of some improving strategies on MOPSO for multi-objective (r,Q) inventory system. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 12051-12057	7.8	39
109	Scheduling of a no-wait two-machine flow shop with sequence-dependent setup times and probable rework using robust meta-heuristics. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 7428-7446	7.8	38
108	Selecting suppliers using a new fuzzy multiple criteria decision model: the fuzzy balancing and ranking method. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 5307-5326	7.8	38
107	An imperialist competitive algorithm for a mixed-model assembly line sequencing problem. <i>Journal of Manufacturing Systems</i> , <b>2013</b> , 32, 46-54	9.1	36
106	Minimizing total tardiness and earliness on unrelated parallel machines with controllable processing times. <i>Computers and Operations Research</i> , <b>2014</b> , 41, 31-43	4.6	36
105	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> , <b>2010</b> , 48, 1415-1438	7.8	31
104	Bi-criteria SDST hybrid flow shop scheduling with learning effect of setup times: water flow-like algorithm approach. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 2609-2623	7.8	30
103	An imperialist competitive algorithm for multi-objective U-type assembly line design. <i>Journal of Computational Science</i> , <b>2013</b> , 4, 393-400	3.4	28
102	Scheduling part-time and mixed-skilled workers to maximize employee satisfaction. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 64, 1017-1027	3.2	27
101	Integrating non-preemptive open shops scheduling with sequence-dependent setup times using advanced metaheuristics. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 259-266	7.8	27
100	GA and ICA approaches to job rotation scheduling problem: considering employee's boredom. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 60, 651-666	3.2	26
99	A robust genetic algorithm for scheduling realistic hybrid flexible flow line problems. <i>Journal of Intelligent Manufacturing</i> , <b>2010</b> , 21, 731-743	6.7	26
98	An intelligent water drop algorithm to identical parallel machine scheduling with controllable processing times: a just-in-time approach. <i>Computational and Applied Mathematics</i> , <b>2017</b> , 36, 159-184		25
97	Due windows group scheduling using an effective hybrid optimization approach. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 46, 721-735	3.2	25

96	Modeling and scheduling a case of flexible flowshops: Total weighted tardiness minimization. <i>Computers and Industrial Engineering</i> , <b>2009</b> , 57, 1258-1267	6.4	24
95	A genetic algorithm for JIT single machine scheduling with preemption and machine idle time. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 7911-7918	7.8	24
94	A memetic algorithm with a novel neighborhood search and modified solution representation for closed-loop supply chain network design. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 128, 418-436	6.4	24
93	A cross-docking scheduling problem with sub-population multi-objective algorithms. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 58, 741-761	3.2	23
92	Simulated imperialist competitive algorithm in two-stage assembly flow shop with machine breakdowns and preventive maintenance. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2016</b> , 230, 934-953	2.4	22
91	Bi-objective hybrid flow shop scheduling with sequence-dependent setup times and limited buffers. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 58, 309-325	3.2	22
90	Robust metaheuristics for group scheduling with sequence-dependent setup times in hybrid flexible flow shops. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2009</b> , 43, 767-778	3.2	22
89	An efficient architecture for scheduling flexible job-shop with machine availability constraints. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 51, 325-339	3.2	22
88	Earliness and Tardiness Minimizing on a Realistic Hybrid Flowshop Scheduling with Learning Effect by Advanced Metaheuristic. <i>Arabian Journal for Science and Engineering</i> , <b>2013</b> , 38, 1229-1242		21
87	A game theory-based model for product portfolio management in a competitive market. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 7919-7923	7.8	21
86	Non-dominated ranked genetic algorithm for a multi-objective mixed-model assembly line sequencing problem. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 3479-3499	7.8	21
85	Product portfolio planning: a metaheuristic-based simulated annealing algorithm. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 2327-2350	7.8	21
84	An integrated data envelopment analysis-artificial neural network approach for benchmarking of bank branches. <i>Journal of Industrial Engineering International</i> , <b>2016</b> , 12, 137-143	2.6	21
83	Drawing a Strategy Canvas Using the Fuzzy Best-Worst Method. <i>Global Journal of Flexible Systems Management</i> , <b>2019</b> , 20, 57-75	5.9	21
82	A study on open shop scheduling to minimise total tardiness. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 4657-4678	7.8	20
81	Modeling and scheduling no-wait open shop problems. <i>International Journal of Production Economics</i> , <b>2014</b> , 158, 256-266	9.3	19
80	Multi-objective supply planning for two-level assembly systems with stochastic lead times. <i>Computers and Operations Research</i> , <b>2012</b> , 39, 1325-1332	4.6	19
79	Bi-objective optimization for integrating production and preventive maintenance scheduling in two-stage assembly flow shop problem. <i>Journal of Industrial and Production Engineering</i> , <b>2016</b> , 33, 404-425	4.1	19



78	Evolutionary algorithms for multi-objective dual-resource constrained flexible job-shop scheduling problem. <i>Opsearch</i> , <b>2019</b> , 56, 983-1006	1.6	18
77	Scheduling a dynamic flexible flow line with sequence-dependent setup times: a simulation analysis. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 4019-4042	7.8	18
76	A multi-phase covering Pareto-optimal front method to multi-objective parallel machine scheduling. <i>International Journal of Production Research</i> , <b>2010</b> , 48, 4949-4976	7.8	18
75	Due window scheduling with sequence-dependent setup on parallel machines using three hybrid metaheuristic algorithms. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2009</b> , 44, 795-808 <sup>3-2</sup>	3.2	18
74	Analyzing the development of the third-generation biodiesel production from microalgae by a novel hybrid decision-making method: The case of Iran. <i>Energy</i> , <b>2020</b> , 195, 116895	7.9	18
73	A bi-level programming approach for production-distribution supply chain problem. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 110, 527-537	6.4	17
72	The economic lot scheduling problem with deteriorating items and shortage: an imperialist competitive algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 62, 759-773	3.2	17
71	Minimizing the makespan and the system unavailability in parallel machine scheduling problem: a similarity-based genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 51, 829-840	3.2	16
70	Buffer allocation problem and preventive maintenance planning in non-homogenous unreliable production lines. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 91, 2581-2593	3.2	15
69	A simulated annealing/local search to minimize the makespan and total tardiness on a hybrid flowshop. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 64, 369-388	3.2	15
68	Synchronizing production and air transportation scheduling using mathematical programming models. <i>Journal of Computational and Applied Mathematics</i> , <b>2009</b> , 230, 546-558	2.4	15
67	Reverse logistics network design: a water flow-like algorithm approach. <i>Opsearch</i> , <b>2016</b> , 53, 667-692	1.6	14
66	A biogeography-based optimization algorithm for order acceptance and scheduling. <i>Journal of Industrial and Production Engineering</i> , <b>2017</b> , 34, 312-321	1	13
65	An efficient bi-objective algorithm to solve re-entrant hybrid flow shop scheduling with learning effect and setup times. <i>Operational Research</i> , <b>2018</b> , 18, 123-158	1.6	13
64	Surgical case scheduling problem with fuzzy surgery time: An advanced bi-objective ant system approach. <i>Knowledge-Based Systems</i> , <b>2019</b> , 186, 104913	7.3	13
63	A hybrid imperialist competitive algorithm for single-machine scheduling problem with linear earliness and quadratic tardiness penalties. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 65, 981-989	3.2	13
62	Modeling and scheduling open shops with sequence-dependent setup times to minimize total completion time. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2011</b> , 53, 751-760	3.2	13
61	Simultaneous solving of balancing and sequencing problems in mixed-model assembly line systems. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 4994-5016	7.8	13

60	A tuned hybrid intelligent fruit fly optimization algorithm for fuzzy rule generation and classification. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 873-885	4.8	13
59	Bi-objective parallel machines scheduling with sequence-dependent setup times using hybrid metaheuristics and weighted minmax technique. <i>Soft Computing</i> , <b>2011</b> , 15, 1313-1331	3.5	12
58	A hybrid multi-objective genetic algorithm for planning order release date in two-level assembly system with random lead times. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 13549-13549	7.8	12
57	A Simulated Annealing Algorithm for Flexible Job-Shop Scheduling Problem. <i>Journal of Applied Sciences</i> , <b>2009</b> , 9, 662-670	0.3	12
56	The Effect of Worker Learning on Scheduling Jobs in a Hybrid Flow Shop: A Bi-Objective Approach. <i>Journal of Systems Science and Systems Engineering</i> , <b>2018</b> , 27, 265-291	1.2	11
55	A hybrid spanning tree-based genetic/simulated annealing algorithm for a closed-loop logistics network design problem. <i>International Journal of Applied Decision Sciences</i> , <b>2015</b> , 8, 400	0.8	11
54	A Water-Flow Like Algorithm for Solving U-Shaped Assembly Line Balancing Problems. <i>IEEE Access</i> , <b>2019</b> , 7, 129824-129833	3.5	10
53	Scheduling a Bi-Objective Hybrid Flow Shop with Sequence-Dependent Family Setup Times Using Metaheuristics. <i>Arabian Journal for Science and Engineering</i> , <b>2013</b> , 38, 2233-2244		10
52	Multi-objective portfolio optimization of mutual funds under downside risk measure using fuzzy theory. <i>International Journal of Industrial Engineering Computations</i> , <b>2012</b> , 3, 859-872	1.7	10
51	Two robust meta-heuristics for scheduling multiple job classes on a single machine with multiple criteria. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 5951-5959	7.8	10
50	Due-date assignment and machine scheduling in a low machine-rate situation with stochastic processing times. <i>Computers and Operations Research</i> , <b>2013</b> , 40, 1100-1108	4.6	9
49	An efficient bi-objective heuristic for scheduling of hybrid flow shops. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2011</b> , 54, 287-307	3.2	9
48	Hybrid Electromagnetism-Like Algorithm for the Flowshop Scheduling with Sequence-Dependent Setup Times. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 3621-3629	0.3	9
47	Solving the Flexible Job-Shop Scheduling Problem by a Genetic Algorithm. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 4650-4655	0.3	9
46	Balancing, sequencing, and job rotation scheduling of a U-shaped lean cell with dynamic operator performance. <i>Computers and Industrial Engineering</i> , <b>2020</b> , 143, 106363	6.4	8
45	An efficient meta-heuristic algorithm for scheduling a two-stage assembly flow shop problem with preventive maintenance activities and reliability approach. <i>International Journal of Industrial and Systems Engineering</i> , <b>2017</b> , 26, 16	0.4	8
44	Machine scheduling in the presence of sequence-dependent setup times and a rate-modifying activity. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 7401-7414	7.8	8
43	Robust and stable flexible job shop scheduling with random machine breakdowns: multi-objectives genetic algorithm approach. <i>International Journal of Mathematics in Operational Research</i> , <b>2019</b> , 14, 268	0.8	7



42	Scheduling of Virtual Cellular Manufacturing Systems: A Biogeography-Based Optimization Algorithm. <i>Applied Artificial Intelligence</i> , <b>2019</b> , 33, 594-620	2.3	7
41	Integrated production scheduling and maintenance planning in a hybrid flow shop system: a multi-objective approach. <i>International Journal of Systems Assurance Engineering and Management</i> , <b>2017</b> , 8, 1630-1642	1.3	7
40	Comparisons of bi-objective genetic algorithms for hybrid flowshop scheduling with sequence-dependent setup times. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 2570-2591	7.8	7
39	A new approach to reducing the effects of stochastic disruptions in flexible flow shop problems with stability and nervousness. <i>International Journal of Management Science and Engineering Management</i> , <b>2013</b> , 8, 173-178	2.8	6
38	Synchronized Production and Distribution Scheduling with Due Window. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 2752-2757	0.3	6
37	Supplier Selection by Balancing and Ranking Method. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 3467-3472	0.3	6
36	A Tabu Search Approach to Hybrid Flow Shops Scheduling with Sequence-Dependent Setup Times. <i>Journal of Applied Sciences</i> , <b>2009</b> , 9, 1740-1745	0.3	6
35	Bi-objective hybrid flow shop scheduling: a new local search. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 64, 933-950	3.2	5
34	An Artificial Immune Algorithm for a Closed-Loop Supply Chain Network Design Problem with Different Delivery Paths. <i>International Journal of Strategic Decision Sciences</i> , <b>2014</b> , 5, 27-46	0.3	5
33	Application of Artificial Neural Networks for Airline Number of Passenger Estimation in Time Series State. <i>Journal of Applied Sciences</i> , <b>2009</b> , 9, 1001-1013	0.3	5
32	A Novel Simulated Annealing Algorithm to Hybrid Flow Shops Scheduling with Sequence-Dependent Setup Times. <i>Journal of Applied Sciences</i> , <b>2009</b> , 9, 1943-1949	0.3	5
31	Scheduling two-stage assembly flow shop with random machines breakdowns: integrated new self-adapted differential evolutionary and simulation approach. <i>Soft Computing</i> , <b>2020</b> , 24, 8377-8401	3.5	5
30	Determination of production planning policies for different products in process industries: using discrete event simulation. <i>Production Engineering</i> , <b>2018</b> , 12, 737-746	1.9	4
29	Polynomial time approximation algorithms for proportionate open-shop scheduling. <i>International Transactions in Operational Research</i> , <b>2014</b> , 21, 1031-1044	2.9	4
28	Dynamic Demand-Centered Process-Oriented Data Model for Inventory Management of Hemovigilance Systems. <i>Healthcare Informatics Research</i> , <b>2021</b> , 27, 73-81	3	4
27	Optimization redundancy allocation problem with nonexponential repairable components using simulation approach and artificial neural network. <i>Quality and Reliability Engineering International</i> , <b>2018</b> , 34, 278-297	2.6	3
26	An efficient hybrid algorithm for a bi-objectives hybrid flow shop scheduling. <i>Intelligent Automation and Soft Computing</i> , <b>2018</b> , 24, 9-16	2.6	3
25	SCTTS: Scalable Cost-Time Trade-off Scheduling for Workflow Application in Grids. <i>KSII Transactions on Internet and Information Systems</i> , <b>2013</b> , 7, 3096-3117	1.7	3

24	A Hybrid MCDM Model with Interval Weights and Data for Convention Site Selection. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 2678-2686	0.3	3
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