

A survey of scheduling problems with setup times or co

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Gender role flexibility and smallholder survival. , 2003, 2, 187.		6
2	Worst-case bound performance of the preemptive WSPT heuristic for the problem 1, $h_{1 pre} \&\#x003A3; w_{i C} > i </sub> . , 2006, , .$		0
3	Lower Bounds for Tardiness Minimization on a Single Machine with Family Setup Times. , 2006, , .		0
4	Job Scheduling in Multi Processor Architecture Using Genetic Algorithm. , 2007, , .		9
5	The three-machine flowshop scheduling problem to minimise maximum lateness with separate setup times. International Journal of Operational Research, 2007, 2, 135.	0.1	9
6	Parameter setting in a bio-inspired model for dynamic flexible job shop scheduling with sequence-dependent setups. European Journal of Industrial Engineering, 2007, 1, 182.	0.5	13
7	Batching deteriorating items with applications in computer communication and reverse logistics. European Journal of Operational Research, 2007, 182, 1002-1011.	3.5	16
8	Open-shop batch scheduling with identical jobs. European Journal of Operational Research, 2008, 187, 1282-1292.	3.5	31
9	Optimal sequencing in the presence of setup times for tow/barge traffic through a river lock. European Journal of Operational Research, 2008, 187, 1268-1281.	3.5	50
10	Minimizing the cycle time of multiple-product processing networks with a fixed operation sequence, setups, and time-window constraints. European Journal of Operational Research, 2008, 187, 1196-1211.	3.5	40
11	The two-stage assembly flowshop scheduling problem with bicriteria of makespan and mean completion time. International Journal of Advanced Manufacturing Technology, 2008, 37, 166-177.	1.5	60
12	Robust production control policies considering WIP balance and setup time in a semiconductor fabrication line. International Journal of Advanced Manufacturing Technology, 2008, 39, 333-343.	1.5	7
13	Scheduling at coal handling facilities using Simulated Annealing. Mathematical Methods of Operations Research, 2008, 68, 277-293.	0.4	14
14	Minimizing sum of completion times for batch scheduling of jobs with deteriorating processing times. European Journal of Operational Research, 2008, 187, 1090-1099.	3.5	34
15	Worst-case analysis of the WSPT and MWSPT rules for single machine scheduling with one planned setup period. European Journal of Operational Research, 2008, 187, 1080-1089.	3.5	48
16	A production scheduling heuristic for an electronics manufacturer with sequence-dependent setup costs. European Journal of Operational Research, 2008, 187, 1100-1114.	3.5	37
17	A quantitative approach for scheduling activities to reduce set-up in multiple machine lines. European Journal of Operational Research, 2008, 187, 1224-1237.	3.5	15
18	A single machine batch scheduling problem with bounded batch size. European Journal of Operational Research, 2008, 187, 1069-1079.	3.5	28

#	ARTICLE	IF	CITATIONS
19	Learning and forgetting effects on a group scheduling problem. European Journal of Operational Research, 2008, 187, 1033-1044.	3.5	38
20	Minimizing setup costs for parallel multi-purpose machines under load-balancing constraint. European Journal of Operational Research, 2008, 187, 1115-1125.	3.5	33
21	Competitive online scheduling of perfectly malleable jobs with setup times. European Journal of Operational Research, 2008, 187, 1126-1142.	3.5	21
22	Multi-family scheduling in a two-machine reentrant flow shop with setups. European Journal of Operational Research, 2008, 187, 1160-1170.	3.5	37
23	Single-job lot streaming in m ¹ two-stage hybrid flowshops. European Journal of Operational Research, 2008, 187, 1171-1183.	3.5	33
24	Flow-shop scheduling with setup and assembly operations. European Journal of Operational Research, 2008, 187, 1184-1195.	3.5	40
25	Single item lot-sizing problem for a warm/cold process with immediate lost sales. European Journal of Operational Research, 2008, 187, 1251-1267.	3.5	15
26	An Iterated Greedy heuristic for the sequence dependent setup times flowshop problem with makespan and weighted tardiness objectives. European Journal of Operational Research, 2008, 187, 1143-1159.	3.5	332
27	Balancing and scheduling tasks in assembly lines with sequence-dependent setup times. European Journal of Operational Research, 2008, 187, 1212-1223.	3.5	135
28	Single-machine scheduling with past-sequence-dependent setup times and time-dependent learning effect. Computers and Industrial Engineering, 2008, 55, 584-591.	3.4	81
29	Parallel Job Scheduling with Overhead: A Benchmark Study. , 2008, , .		11
30	Modeling and Analysis of Real-Life Job Shop Scheduling Problems by Petri nets. Simulation Symposium, Proceedings of the Annual, 2008, , .	0.0	4
31	Hybrid Approach for Machine Scheduling Optimization in Custom Furniture Industry. , 2008, , .		2
32	A Coupled Transiently Chaotic Neural Network Approach for Scheduling Identical Parallel Machines with Sequence Dependent Setup Times. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 14882-14887.	0.4	1
33	Batch Scheduling on Two-Machine Flowshop with Machine-Dependent Setup Times. Advances in Operations Research, 2009, 2009, 1-10.	0.2	3
35	Scheduling splittable tasks on multi-purpose parallel machines with release dates and deadlines. , 2009, , .		0
36	Scheduling jobs on parallel machines with sequence-dependent setup times, precedence constraints, and ready times using variable neighborhood search. , 2009, , .		5
37	Scheduling with dynamic constraints in application to Magnetic Resonance Imaging scans processing. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
38	Scheduling with sequence dependent setup times in application to Magnetic Resonance Imaging scans processing. , 2009, , .		4
39	Optimization of duty cycle of Magnetic Resonance Imaging scanners. , 2009, , .		1
40	Heuristic algorithms for minimizing total completion time in a two-machine flowshop with sequence-independent setup times. , 2009, , .		1
41	Minimizing Total Weighted Completion Time on Single Machine with Past-Sequence-Dependent Setup Times and Exponential Time-Dependent and Position-Dependent Learning Effects. Discrete Dynamics in Nature and Society, 2009, 2009, 1-10.	0.5	1
42	Priority Rule Generation with a Genetic Algorithm to Minimize Sequence Dependent Setup Costs. Lecture Notes in Computer Science, 2009, , 817-824.	1.0	12
43	Iterative Local Search Heuristic for the Single Machine Scheduling Problem with Sequence Dependent Setup Times and Due Dates. , 2009, , .		8
44	Processing time estimations by variable structure TSK rules learned through genetic programming. Soft Computing, 2009, 13, 497-509.	2.1	10
45	A hybridization of simulated annealing and electromagnetic-like mechanism for job shop problems with machine availability and sequence-dependent setup times to minimize total weighted tardiness. Soft Computing, 2009, 13, 995-1006.	2.1	46
46	A study on integrating sequence dependent setup time flexible flow lines and preventive maintenance scheduling. Journal of Intelligent Manufacturing, 2009, 20, 683-694.	4.4	83
47	Single-machine scheduling with past-sequence-dependent setup times and effects of deterioration and learning. International Journal of Advanced Manufacturing Technology, 2009, 41, 1221-1226.	1.5	65
48	Scheduling hybrid flowshops with sequence dependent setup times to minimize makespan and maximum tardiness. International Journal of Advanced Manufacturing Technology, 2009, 41, 1186-1198.	1.5	80
49	Scheduling sequence-dependent setup time job shops with preventive maintenance. International Journal of Advanced Manufacturing Technology, 2009, 43, 170-181.	1.5	69
50	Scheduling on unrelated parallel machines with sequence- and machine-dependent setup times and due-date constraints. International Journal of Advanced Manufacturing Technology, 2009, 44, 1204-1212.	1.5	47
51	Using a family of critical ratio-based approaches to minimize the number of tardy jobs in the job shop with sequence dependent setup times. European Journal of Operational Research, 2009, 196, 78-92.	3.5	23
52	A variable neighborhood search for job shop scheduling with set-up times to minimize makespan. Future Generation Computer Systems, 2009, 25, 654-661.	4.9	77
53	Scheduling with families of jobs and delivery coordination under job availability. Theoretical Computer Science, 2009, 410, 4856-4863.	0.5	10
54	Modeling job shop scheduling with batches and setup times by timed Petri nets. Mathematical and Computer Modelling, 2009, 49, 286-294.	2.0	22
55	A hybrid artificial immune algorithm for a realistic variant of job shops to minimize the total completion time. Computers and Industrial Engineering, 2009, 56, 1494-1501.	3.4	46

#	ARTICLE	IF	CITATIONS
56	Hybrid flexible flowshops with sequence-dependent setup times and machine availability constraints. Computers and Industrial Engineering, 2009, 57, 949-957.	3.4	46
57	Modeling and scheduling a case of flexible flowshops: Total weighted tardiness minimization. Computers and Industrial Engineering, 2009, 57, 1258-1267.	3.4	31
58	A comparison of scheduling algorithms for flexible flow shop problems with unrelated parallel machines, setup times, and dual criteria. Computers and Operations Research, 2009, 36, 358-378.	2.4	107
59	Minimizing the bicriteria of makespan and maximum tardiness with an upper bound on maximum tardiness. Computers and Operations Research, 2009, 36, 1268-1283.	2.4	13
60	A discrete differential evolution algorithm for the single machine total weighted tardiness problem with sequence dependent setup times. Computers and Operations Research, 2009, 36, 1900-1915.	2.4	99
61	A simulated annealing algorithm for single machine scheduling problems with family setups. Computers and Operations Research, 2009, 36, 2133-2138.	2.4	37
62	Planning production using mathematical programming: The case of a woodturning company. Computers and Operations Research, 2009, 36, 2173-2178.	2.4	17
63	Heuristics for a two-stage assembly flowshop with bicriteria of maximum lateness and makespan. Computers and Operations Research, 2009, 36, 2682-2689.	2.4	42
64	The two-stage assembly scheduling problem to minimize total completion time with setup times. Computers and Operations Research, 2009, 36, 2740-2747.	2.4	64
65	Optimal and heuristic solution methods for a multiprocessor machine scheduling problem. Computers and Operations Research, 2009, 36, 2822-2828.	2.4	3
66	An improved simulated annealing for hybrid flowshops with sequence-dependent setup and transportation times to minimize total completion time and total tardiness. Expert Systems With Applications, 2009, 36, 9625-9633.	4.4	151
67	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
68	Single machine scheduling with exponential time-dependent learning effect and past-sequence-dependent setup times. Computers and Mathematics With Applications, 2009, 57, 9-16.	1.4	72
69	Scheduling job shop problems with sequence-dependent setup times. International Journal of Production Research, 2009, 47, 5959-5976.	4.9	48
70	Using simulated annealing to schedule a flowshop manufacturing cell with sequence-dependent family setup times. International Journal of Production Research, 2009, 47, 3205-3217.	4.9	53
71	An Efficient Mixed-Integer Linear Programming Scheduling Framework for Addressing Sequence-Dependent Setup Issues in Batch Plants. Industrial & Engineering Chemistry Research, 2009, 48, 6346-6357.	1.8	48
72	Machine scheduling with sequence-dependent setup times using a randomized search heuristic. , 2009, , ,		7
73	An adaptive genetic algorithm for solving the single machine scheduling problem with earliness and tardiness penalties. , 2009, , ,		5

#	ARTICLE	IF	CITATIONS
74	Heuristic for lane reservation problem in time constrained transportation. , 2009, , .		32
75	Study on heuristics for the permutation flowshop with sequence dependent setup times. , 2009, , .		5
76	New heuristics for no-wait flow shops with a linear combination of makespan and maximum lateness. International Journal of Production Research, 2009, 47, 5717-5738.	4.9	30
77	Order release and dispatching in a sequence dependent job shop. , 2009, , .		3
78	Study on the optimization for the automatic stereo-warehouse of BEIJING BEIKAI ELECTRIC CO, Ltd. , 2009, , .		0
79	Hierarchical Scheduling of Mobile Robots in Production-Transportation Supply Chains. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 786-791.	0.4	4
80	Genetic algorithms with different representation schemes for complex hybrid flexible flow line problems. International Journal of Metaheuristics, 2010, 1, 30.	0.1	36
81	Solution Methods for a Multi-Product Lot-Sizing and Sequencing Problem in a Flow-shop. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 244-249.	0.4	0
82	Single machine scheduling with sequence-dependent family setups to minimize maximum lateness. Journal of the Operational Research Society, 2010, 61, 1181-1189.	2.1	16
83	Hybrid genetic algorithm for SDST flow shop scheduling with due dates: a case study. International Journal of Advanced Operations Management, 2010, 2, 141.	0.3	8
84	Integrated production and distribution planning in the fast moving consumer goods industry: a block planning application. OR Spectrum, 2010, 32, 927-955.	2.1	77
85	Deteriorating jobs and learning effects on a single-machine scheduling with past-sequence-dependent setup times. International Journal of Advanced Manufacturing Technology, 2010, 46, 707-714.	1.5	23
86	Due windows group scheduling using an effective hybrid optimization approach. International Journal of Advanced Manufacturing Technology, 2010, 46, 721-735.	1.5	29
87	Scheduling jobs on dynamic parallel machines with sequence-dependent setup times. International Journal of Advanced Manufacturing Technology, 2010, 47, 773-781.	1.5	17
88	A mixed-integer linear programming model along with an electromagnetism-like algorithm for scheduling job shop production system with sequence-dependent set-up times. International Journal of Advanced Manufacturing Technology, 2010, 47, 783-793.	1.5	12
89	Scheduling with past-sequence-dependent setup times and learning effects on a single machine. International Journal of Advanced Manufacturing Technology, 2010, 48, 739-746.	1.5	24
90	Some single-machine scheduling problems with past-sequence-dependent setup times and a general learning effect. International Journal of Advanced Manufacturing Technology, 2010, 48, 1123-1132.	1.5	40
91	A parallel genetic algorithm for a flexible job-shop scheduling problem with sequence dependent setups. International Journal of Advanced Manufacturing Technology, 2010, 49, 263-279.	1.5	55

#	ARTICLE	IF	CITATIONS
92	Meta-heuristics to solve single-machine scheduling problem with sequence-dependent setup time and deteriorating jobs. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 50, 749-759.	1.5	22
93	Dynamic parallel machine scheduling with sequence-dependent setup times using an iterated greedy heuristic. <i>Expert Systems With Applications</i> , 2010, 37, 2848-2852.	4.4	76
94	A bicriteria m-machine flowshop scheduling with sequence-dependent setup times. <i>Applied Mathematical Modelling</i> , 2010, 34, 284-293.	2.2	38
95	Dynamic flexible flow shop problems—Scheduling heuristics vs. autonomous control. <i>CIRP Annals - Manufacturing Technology</i> , 2010, 59, 465-468.	1.7	54
96	Hierarchical composition heuristic for asymmetric sequence dependent single machine scheduling problems. <i>Operations Management Research</i> , 2010, 3, 98-106.	5.0	8
97	On-line machine scheduling with batch setups. <i>Journal of Combinatorial Optimization</i> , 2010, 20, 285-306.	0.8	2
98	Heuristics for minimizing total completion time and maximum lateness on identical parallel machines with setup times. <i>Journal of Intelligent Manufacturing</i> , 2010, 21, 439-449.	4.4	7
99	Genetic algorithms with path relinking for the minimum tardiness permutation flowshop problem†. <i>Omega</i> , 2010, 38, 57-67.	3.6	136
100	Batching for work and rework processes on dedicated facilities to minimize the makespan. <i>Omega</i> , 2010, 38, 522-527.	3.6	16
101	Simulation modeling and analysis for production scheduling using real-time dispatching rules: A case study in canned fruit industry. <i>Computers and Electronics in Agriculture</i> , 2010, 70, 245-255.	3.7	34
102	Optimization of duty cycles for MRI scanners. <i>Concepts in Magnetic Resonance Part B</i> , 2010, 37B, 180-192.	0.3	7
103	A high performing metaheuristic for job shop scheduling with sequence-dependent setup times. <i>Applied Soft Computing Journal</i> , 2010, 10, 703-710.	4.1	42
104	Order acceptance and scheduling decisions in make-to-order systems. <i>International Journal of Production Economics</i> , 2010, 125, 200-211.	5.1	146
105	Batch scheduling of simple linear deteriorating jobs on a single machine to minimize makespan. <i>European Journal of Operational Research</i> , 2010, 202, 90-98.	3.5	42
106	The hybrid flow shop scheduling problem. <i>European Journal of Operational Research</i> , 2010, 205, 1-18.	3.5	692
107	Shifting representation search for hybrid flexible flowline problems. <i>European Journal of Operational Research</i> , 2010, 207, 1086-1095.	3.5	92
108	Parallel dedicated machine scheduling problem with sequence-dependent setups and a single server. <i>Computers and Industrial Engineering</i> , 2010, 58, 165-174.	3.4	47
109	Scheduling problems with deteriorating jobs and learning effects including proportional setup times. <i>Computers and Industrial Engineering</i> , 2010, 58, 326-331.	3.4	85

#	ARTICLE	IF	CITATIONS
110	Single machine scheduling with past-sequence-dependent setup times and deteriorating jobs. Computers and Industrial Engineering, 2010, 59, 663-666.	3.4	35
111	Total flow time minimization in a flowshop sequence-dependent group scheduling problem. Computers and Operations Research, 2010, 37, 199-212.	2.4	79
112	Algorithms for a realistic variant of flowshop scheduling. Computers and Operations Research, 2010, 37, 236-246.	2.4	90
113	Review and classification of hybrid flow shop scheduling problems from a production system and a solutions procedure perspective. Computers and Operations Research, 2010, 37, 1439-1454.	2.4	355
114	Two-machine flowshop scheduling problem with bounded processing times to minimize total completion time. Computers and Mathematics With Applications, 2010, 59, 684-693.	1.4	15
115	Heuristics for the two-machine flowshop scheduling problem to minimize maximum lateness with bounded processing times. Computers and Mathematics With Applications, 2010, 60, 1374-1384.	1.4	15
116	Online scheduling of malleable parallel jobs with setup times on two identical machines. European Journal of Operational Research, 2010, 206, 555-561.	3.5	7
117	An exact method for the bi-objective one-machine problem with maximum lateness and unit family setup cost objectives. Electronic Notes in Discrete Mathematics, 2010, 36, 1233-1240.	0.4	0
118	Integrating non-preemptive open shops scheduling with sequence-dependent setup times using advanced metaheuristics. Expert Systems With Applications, 2010, 37, 259-266.	4.4	31
119	Minimizing the total flow time in a flow shop with blocking by using hybrid harmony search algorithms. Expert Systems With Applications, 2010, 37, 7929-7936.	4.4	120
120	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
121	Scheduling with multiple servers. Automation and Remote Control, 2010, 71, 2109-2121.	0.4	39
122	Solving Single Machine Scheduling Problem with Maximum Lateness Using a Genetic Algorithm. Journal of Mathematics Research, 2010, 2, .	0.1	5
123	An adaptive genetic algorithm to solve the Single Machine Scheduling Problem with Earliness and Tardiness Penalties. , 2010, , .		5
125	Multi-agent-Based Negotiation Approach for Scheduling Jobs on Parallel Machines with Ready Times and Machine Preference. , 2010, , .		1
126	A decomposition-based approach to flexible flow shop scheduling under stochastic setup times. , 2010, , .		1
127	Modeling and scheduling of real-life assembly job shop with timed colored Petri net. , 2010, , .		1
128	A hybrid simulated annealing for the single machine capacitated lot-sizing and scheduling problem with sequence-dependent setup times and costs. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
129	Parallel machine scheduling with preference of machines. International Journal of Production Research, 2010, 48, 4139-4152.	4.9	20
130	Non-exhaustive family based dispatching heuristicsâ€“exploiting variances of processing and set-up times. International Journal of Production Research, 2010, 48, 3783-3802.	4.9	10
131	Multi-product lot sizing and scheduling on unrelated parallel machines. IIE Transactions, 2010, 42, 514-524.	2.1	26
132	Applying agent-based negotiation approach for parallel machine scheduling with preference of machines. , 2010, , .		4
133	Notice of Retraction: An analysis of research in job shop scheduling problem (2000â€“2009). , 2010, , .		2
134	Multi-objective flow shop scheduling using hybrid simulated annealing. Measuring Business Excellence, 2010, 14, 30-41.	1.4	7
135	Scheduling the blocking flow shop problem using a harmony search algorithm. , 2010, , .		3
136	Optimal Resource Allocation in Clouds. , 2010, , .		82
137	Mixed integer programming formulation for hybrid flow shop scheduling problem. , 2010, , .		3
139	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
140	Optimising the Slab Yard Planning and Crane Scheduling Problem using a two-stage heuristic. International Journal of Production Research, 2010, 48, 4585-4608.	4.9	23
141	Parallel-machine scheduling with setup and removal times under consideration of the learning effect. Journal of the Chinese Institute of Industrial Engineers, 2010, 27, 372-378.	0.5	12
142	Heuristic procedures for solving the general assembly line balancing problem with setups. International Journal of Production Research, 2010, 48, 1787-1804.	4.9	62
143	Advances in Artificial Intelligence â€“ SBIA 2010. Lecture Notes in Computer Science, 2010, , .	1.0	2
144	Joint consideration of production scheduling, maintenance and quality policies: a review and conceptual framework. International Journal of Advanced Operations Management, 2010, 2, 1.	0.3	50
145	Artificial Intelligence Techniques for Networked Manufacturing Enterprises Management. Springer Series in Advanced Manufacturing, 2010, , .	0.2	10
146	A competitive evolution strategy memetic algorithm for unrelated parallel machine scheduling to minimize total weighted tardiness and flow time. , 2010, , .		3
147	Permutation and non-permutation schedules for the flowline manufacturing cell with sequence dependent family setups. International Journal of Production Research, 2010, 48, 2169-2184.	4.9	40

#	ARTICLE	IF	CITATIONS
148	Solving the scheduling problem in multi-processor systems with communication cost and precedence using bee colony system. , 2010, , .		6
149	Single-Machine Scheduling Problems with Past-Sequence-Dependent Setup Times and Deterioration Jobs. , 2010, , .		2
150	Decision making for autonomous vehicles in the presence of uncertain information. , 2010, , .		3
151	Heuristics for the two-machine flowshop scheduling problem to minimise makespan with bounded processing times. International Journal of Production Research, 2010, 48, 6367-6385.	4.9	34
152	A Hybrid Discrete Harmony Search Algorithm for blocking flow shop Scheduling. , 2010, , .		1
153	Joint cell loading and scheduling approach to cellular manufacturing systems. International Journal of Production Research, 2011, 49, 6321-6341.	4.9	11
154	Towards Delivering Analytical Solutions in Cloud: Business Models and Technical Challenges. , 2011, , .		7
155	Scheduling job families on non-identical parallel machines with time constraints. , 2011, , .		1
156	Design and implementation of safety monitoring and warning system of toxic and flammable gas for municipal sewer pipe based on Nios-II and GPRS. , 2011, , .		1
157	On the Flexible Demand Assignment Problems: Case of Unmanned Aerial Vehicles. IEEE Transactions on Automation Science and Engineering, 2011, 8, 865-868.	3.4	26
158	Single-machine scheduling with joint deterioration and learning effects under group technology and group availability assumptions. Journal of the Chinese Institute of Industrial Engineers, 2011, 28, 597-605.	0.5	4
159	An innovative approach for job pre-allocation to parallel unrelated machines in the case of a batch sequence dependent manufacturing environment. International Journal of Production Research, 2011, 49, 4353-4376.	4.9	6
160	A simulated annealing algorithm for balancing the assembly line type II problem with sequence-dependent setup times between tasks. International Journal of Production Research, 2011, 49, 805-825.	4.9	65
161	Task Ordering and Memory Management Problem for Degree of Parallelism Estimation. Lecture Notes in Computer Science, 2011, , 592-603.	1.0	2
162	A novel imperialist competitive algorithm for bi-criteria scheduling of the assembly flowshop problem. International Journal of Production Research, 2011, 49, 3087-3103.	4.9	122
163	Hybrid GA-based metaheuristics for production planning and scheduling optimization in intelligent flow-shop manufacturing systems. , 2011, , .		0
164	Scheduling operations at system choke points with sequence-dependent delays and processing times. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 669-680.	3.7	34
165	Study and application of scheduling method for just-in-time production in flexible job shops. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
166	A nested iterated local search algorithm for scheduling a flowline manufacturing cell with sequence dependent family setup times. , 2011, , .		3
167	A new effective heuristic method for the no-wait flowshop with sequence-dependent setup times problem. International Journal of Industrial Engineering Computations, 2011, 2, 155-166.	0.4	24
168	A stochastic simulation approach for production scheduling and investment planning in the tile industry. International Journal of Engineering, Science and Technology, 2011, 2, .	0.3	5
169	Genetic Algorithms for Solving Scheduling Problems in Manufacturing Systems. Foundations of Management, 2011, 3, 7-26.	0.2	10
170	An efficient hybrid algorithm for the two-machine no-wait flow shop problem with separable setup times and single server. European Journal of Industrial Engineering, 2011, 5, 111.	0.5	24
171	Scheduling with sequence-dependent batch setup times: planning tests for a pharmaceutical industry. International Journal of Mathematical Modelling and Numerical Optimisation, 2011, 2, 273.	0.1	0
172	Exact and heuristic approaches for lot splitting and scheduling on identical parallel machines. International Journal of Manufacturing Technology and Management, 2011, 22, 39.	0.1	8
173	Scheduling in stochastic bicriteria single machine systems with set-up times. International Journal of Planning and Scheduling, 2011, 1, 109.	0.1	2
174	Solution Algorithms for Storage Facilities Usage Optimization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6951-6956.	0.4	0
175	A Parallel Simulated Annealing Approach to Band Selection for High-Dimensional Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 579-590.	2.3	26
176	Batch Production Scheduling for Semiconductor Back-End Operations. IEEE Transactions on Semiconductor Manufacturing, 2011, 24, 249-260.	1.4	16
177	Single machine batch scheduling with two competing agents to minimize total flowtime. European Journal of Operational Research, 2011, 215, 524-531.	3.5	73
178	Multi-objective Variable Neighborhood Search Algorithms for a Single Machine Scheduling Problem with Distinct due Windows. Electronic Notes in Theoretical Computer Science, 2011, 281, 5-19.	0.9	44
179	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
180	Variable neighborhood search approaches for scheduling jobs on parallel machines with sequence-dependent setup times, precedence constraints, and ready times. Computers and Industrial Engineering, 2011, 61, 336-345.	3.4	73
181	Deteriorating job scheduling to minimize the number of late jobs with setup times. Computers and Industrial Engineering, 2011, 61, 782-787.	3.4	15
182	Heuristic algorithms for assigning and scheduling flight missions in a military aviation unit. Computers and Industrial Engineering, 2011, 61, 1309-1317.	3.4	7
183	Integrated batch sizing and scheduling on a single machine. Journal of Scheduling, 2011, 14, 541-555.	1.3	9

#	ARTICLE	IF	CITATIONS
184	Multi-product lot-sizing and sequencing on a single imperfect machine. Computational Optimization and Applications, 2011, 50, 465-482.	0.9	11
185	Solving job shop scheduling with setup times through constraint-based iterative sampling: an experimental analysis. Annals of Mathematics and Artificial Intelligence, 2011, 62, 371-402.	0.9	7
186	An efficient bi-objective heuristic for scheduling of hybrid flow shops. International Journal of Advanced Manufacturing Technology, 2011, 54, 287-307.	1.5	12
187	A hybrid simulated annealing for the single-machine capacitated lot-sizing and scheduling problem with sequence-dependent setup times and costs and dynamic release of jobs. International Journal of Advanced Manufacturing Technology, 2011, 54, 1109-1119.	1.5	6
188	Ant colony optimization technique for the sequence-dependent flowshop scheduling problem. International Journal of Advanced Manufacturing Technology, 2011, 55, 317-326.	1.5	34
189	Makespan minimization of a flowshop sequence-dependent group scheduling problem. International Journal of Advanced Manufacturing Technology, 2011, 56, 699-710.	1.5	34
190	Optimizing fuzzy makespan and tardiness for unrelated parallel machine scheduling with archived metaheuristics. International Journal of Advanced Manufacturing Technology, 2011, 57, 763-776.	1.5	14
191	Scheduling unrelated parallel machines with resource-assignable sequence-dependent setup times. International Journal of Advanced Manufacturing Technology, 2011, 57, 777-794.	1.5	29
192	Flow shop scheduling to minimize the total completion time with a permanently present operator: Models and ant colony optimization metaheuristic. Computers and Operations Research, 2011, 38, 152-164.	2.4	12
193	Scheduling algorithms for a semiconductor probing facility. Computers and Operations Research, 2011, 38, 666-673.	2.4	20
194	Minimization of maximum lateness on parallel machines with sequence-dependent setup times and job release dates. Computers and Operations Research, 2011, 38, 809-815.	2.4	41
195	Single machine past-sequence-dependent setup times scheduling with general position-dependent and time-dependent learning effects. Applied Mathematical Modelling, 2011, 35, 1388-1395.	2.2	46
196	A single machine scheduling problem with availability constraints and sequence-dependent setup costs. Applied Mathematical Modelling, 2011, 35, 2041-2050.	2.2	32
197	Single-machine scheduling simultaneous with position-based and sum-of-processing-times-based learning considerations under group technology assumption. Applied Mathematical Modelling, 2011, 35, 2068-2074.	2.2	20
198	A heuristic approach for a scheduling problem with periodic maintenance and sequence-dependent setup times. Computers and Mathematics With Applications, 2011, 61, 797-808.	1.4	30
199	A hybrid harmony search algorithm for the blocking permutation flow shop scheduling problem. Computers and Industrial Engineering, 2011, 61, 76-83.	3.4	125
200	Sequencing and scheduling for filling lines in dairy production. Optimization Letters, 2011, 5, 491-504.	0.9	17
201	Batch scheduling on a two-machine jobshop with machine-dependent setup times. Naval Research Logistics, 2011, 58, n/a-n/a.	1.4	2

#	ARTICLE	IF	CITATIONS
202	A branch and bound enhanced genetic algorithm for scheduling a flowline manufacturing cell with sequence dependent family setup times. Computers and Operations Research, 2011, 38, 387-393.	2.4	23
203	Single-machine scheduling with deteriorating jobs and setup times to minimize the maximum tardiness. Computers and Operations Research, 2011, 38, 1760-1765.	2.4	30
204	Dynamic yard crane dispatching in container terminals with predicted vehicle arrival information. Advanced Engineering Informatics, 2011, 25, 472-484.	4.0	65
205	Single-machine scheduling with deteriorating jobs and past-sequence-dependent setup times. Applied Mathematical Modelling, 2011, 35, 1861-1867.	2.2	43
206	Project scheduling with finite or infinite number of activity processing modes – A survey. European Journal of Operational Research, 2011, 208, 177-205.	3.5	230
207	Cost-based decision-making in middleware virtualization environments. European Journal of Operational Research, 2011, 210, 344-357.	3.5	7
208	A genetic algorithm for the unrelated parallel machine scheduling problem with sequence dependent setup times. European Journal of Operational Research, 2011, 211, 612-622.	3.5	305
209	Group scheduling and due date assignment on a single machine. International Journal of Production Economics, 2011, 130, 230-235.	5.1	36
210	Machine scheduling in custom furniture industry through neuro-evolutionary hybridization. Applied Soft Computing Journal, 2011, 11, 1600-1613.	4.1	18
211	Bi-criteria flexible job-shop scheduling with sequence-dependent setup times – Variable neighborhood search approach. Journal of Manufacturing Systems, 2011, 30, 8-15.	7.6	69
212	An empirical investigation of scheduling performance criteria. Journal of Operations Management, 2011, 29, 181-193.	3.3	42
213	A mathematical model for the management of a Service Center. Mathematical and Computer Modelling, 2011, 53, 2005-2014.	2.0	2
214	Metaheuristic for parallel machines scheduling with resource-assignable sequence dependent setup times. , 2011, , .		0
215	Integrated Sequencing and Scheduling in Coil Coating. Management Science, 2011, 57, 647-666.	2.4	22
216	Multi-objective Variable Neighborhood Search algorithms for a just-in-time single machine scheduling problem. , 2011, , .		3
217	Closed-loop production and automation scheduling in RMSs. , 2011, , .		4
218	Apply the discrete artificial bee colony algorithm to the blocking flow shop problem with makespan criterion. , 2011, , .		6
219	Framework for Integrating Optimization and Heuristic Models for Solving Planning and Scheduling Problem in a Resin Manufacturing Plant. Studies in Computational Intelligence, 2011, , 85-107.	0.7	0

#	ARTICLE	IF	CITATIONS
220	Order release in a workload controlled flow-shop with sequence-dependent set-up times. International Journal of Production Research, 2011, 49, 2443-2454.	4.9	27
221	Intelligent rolls change scheduling systems for rod wire rolling. , 2011, , .		0
222	Scheduling with resource allocation and past-sequence-dependent setup times including maintenance. , 2011, , .		2
223	Limitations in modeling autonomous logistic processes: Challenges and solutions in business process modeling. , 2011, , .		4
225	SINGLE MACHINE FAMILY SCHEDULING WITH TWO COMPETING AGENTS TO MINIMIZE MAKESPAN. Asia-Pacific Journal of Operational Research, 2011, 28, 773-785.	0.9	3
226	Minimizing the total completion time in a two-machine flowshop with sequence-independent setup times. Journal of the Operational Research Society, 2012, 63, 445-459.	2.1	13
227	A generalisation model of learning and deteriorating effects on a single-machine scheduling with past-sequence-dependent setup times. International Journal of Computer Integrated Manufacturing, 2012, 25, 804-813.	2.9	15
228	An iterated local search algorithm for flexible flow lines with sequence dependent setup times to minimize total weighted completion. International Journal of Management Science and Engineering Management, 2012, 7, 64-68.	2.6	2
229	An evolutionary algorithm with path-relinking for the parallel machine with job splitting. , 2012, , .		2
230	Multiple tasks scheduling algorithm for UAV attacking in uncertain environment. , 2012, , .		1
231	Machine scheduling in the presence of sequence-dependent setup times and a rate-modifying activity. International Journal of Production Research, 2012, 50, 7401-7414.	4.9	10
232	Minimizing the Total Flowtime Flowshop with Blocking Using a Discrete Artificial Bee Colony. Lecture Notes in Computer Science, 2012, , 91-97.	1.0	2
233	Improving the applicability of workload control (WLC): the influence of sequence-dependent set-up times on workload controlled job shops. International Journal of Production Research, 2012, 50, 6419-6430.	4.9	23
234	Order-lot pegging for minimizing total tardiness in semiconductor wafer fabrication process. Journal of the Operational Research Society, 2012, 63, 1258-1270.	2.1	9
235	Minimizing total tardiness in no-wait flowshops. Foundations of Computing and Decision Sciences, 2012, 37, 149-162.	0.5	27
236	Decomposing a Multi-Plant, Multi-Item Lot-Sizing Problem with Transfer Costs/Capacities into Facility Location and Flow Sub-Problems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1433-1438.	0.4	1
237	Production Lot Sizes on a Single Imperfect Machine: FPTAS vs ILP models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 590-595.	0.4	0
238	A Dual-Archive Memetic Algorithm for Unrelated Parallel-Machine Scheduling to Minimize Total Weighted Flow Time and Weighted Tardiness. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 182-187.	0.4	0

#	ARTICLE	IF	CITATIONS
239	Bicriteria single machine scheduling with setup times and learning effects. , 2012, , .		1
240	Scheduling a bi-criteria flowshop manufacturing cell with sequence-dependent family setup times. European Journal of Industrial Engineering, 2012, 6, 474.	0.5	22
241	Solving the single machine scheduling problem with general job-dependent past-sequence-dependent setup times and learning effects. European Journal of Industrial Engineering, 2012, 6, 596.	0.5	21
242	Deterministic machine scheduling with release times and sequence-dependent setups using random-insertion heuristics. International Journal of Advanced Operations Management, 2012, 4, 4.	0.3	8
243	A heuristic method for batch scheduling in the pharmaceutical industry with sequence-dependent setup times. International Journal of Decision Sciences, Risk and Management, 2012, 4, 342.	0.1	0
244	Objectives and constraints in advanced planning problems with regard to scale of production output and plan hierarchical level. International Journal of Industrial and Systems Engineering, 2012, 12, 369.	0.1	7
245	A Novel Differential Evolution Algorithm for TWET-NFSSP with SDSTs and RDs. Advanced Engineering Forum, 0, 6-7, 748-756.	0.3	0
246	The equal allocation policy in open shop batch scheduling. Journal of the Operational Research Society, 2012, 63, 646-652.	2.1	2
247	Batch scheduling with stepwise deteriorating processing times to minimize flowtime. Naval Research Logistics, 2012, 59, 587-600.	1.4	12
248	A novel bi-vector encoding genetic algorithm for the simultaneous multiple resources scheduling problem. Journal of Intelligent Manufacturing, 2012, 23, 2255-2270.	4.4	52
249	A BB&R algorithm for minimizing total tardiness on a single machine with sequence dependent setup times. Journal of Global Optimization, 2012, 54, 791-812.	1.1	14
250	Multi-product unrelated parallel machines scheduling problem with rework processes. Scientia Iranica, 2012, 19, 1887-1893.	0.3	13
251	An efficient ILS heuristic for total flow time minimization in a Flow Shop Sequence Dependent Group Scheduling problem. , 2012, , .		4
252	Criteria evaluation considering the current time used by a genetic scheduling algorithm for changeover and tardiness reduction. , 2012, , .		1
253	A differential evolution algorithm with two speed-up methods for NFSSP with SDSTs and RDs. , 2012, , .		0
254	Analysis of scheduling algorithms in data warehouse for query processing. , 2012, , .		1
255	Scheduling Logistics Activities in Staged Queues with Sequence-Dependent Changeover and Processing Times. , 2012, , .		2
256	A genetic algorithm for job shop scheduling with limited part-changing times. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
257	Some new concepts of setup costs in multimode resource-constrained project scheduling problem. , 2012, , .		2
258	Improving productivity in Indian SMEs. Production Planning and Control, 2012, 23, 754-768.	5.8	63
259	A Bio-Inspired Algorithm for Solving the Scheduling Problems with Redundant Molds. , 2012, , .		0
260	Coordinated scheduling of a single machine with sequence-dependent setup times and time-window constraints. International Journal of Production Research, 2012, 50, 2304-2320.	4.9	7
261	Setup-oriented dispatching rules “ a survey. International Journal of Production Research, 2012, 50, 5823-5842.	4.9	32
262	Multi-objective flow-shop scheduling with parallel machines. International Journal of Production Research, 2012, 50, 2796-2808.	4.9	7
263	Hybrid flowshop scheduling with family setup time and inconsistent family formation. International Journal of Production Research, 2012, 50, 1457-1475.	4.9	14
264	Heuristics for no-wait flowshops with makespan subject to mean completion time. Applied Mathematics and Computation, 2012, 219, 351-359.	1.4	23
265	A novel hybrid differential evolution approach to scheduling of large-scale zero-wait batch processes with setup times. Computers and Chemical Engineering, 2012, 45, 72-83.	2.0	28
266	Minimizing the total tardiness and makespan in an open shop scheduling problem with sequence-dependent setup times. Journal of Industrial Engineering International, 2012, 8, 1.	1.8	16
267	Scheduling batches in flowshop with limited buffers in the shampoo industry. European Journal of Operational Research, 2012, 223, 560-572.	3.5	12
268	Multi-product sequencing and lot-sizing under uncertainties: A memetic algorithm. Engineering Applications of Artificial Intelligence, 2012, 25, 1598-1610.	4.3	16
269	A novel hybrid meta-heuristic algorithm for a no-wait flexible flow shop scheduling problem with sequence dependent setup times. International Journal of Production Research, 2012, 50, 7447-7466.	4.9	63
270	Sequence-dependent flow shop scheduling problem minimising the number of tardy jobs. International Journal of Production Research, 2012, 50, 5843-5858.	4.9	21
271	Just-in-Time Systems. Springer Optimization and Its Applications, 2012, , .	0.6	9
272	A multi-agent-based negotiation approach for parallel machine scheduling with multi-objectives in an electro-etching process. International Journal of Production Research, 2012, 50, 5719-5733.	4.9	18
273	Minimizing the Number of Tardy Jobs in a Permutation Flowshop Scheduling Problem with Setup Times and Time Lags Constraints. Mathematical Modelling and Algorithms, 2012, 12, 85.	0.5	6
275	Hybrid Genetic Algorithms for the Single Machine Scheduling Problem with Sequence-Dependent Setup Times. , 0, , .		1

#	ARTICLE	IF	CITATIONS
276	Lot Sizing and Scheduling in Parallel Uniform Machines – A Case Study. , 2012, , .		1
277	Family Sequencing and Cooperation. SSRN Electronic Journal, 0, , .	0.4	1
278	Uma heurística híbrida para minimizar custos com antecipação e atraso do sequenciamento da produção em uma máquina. Production, 2012, 22, 766-777.	1.3	1
279	Batch scheduling on uniform machines to minimize total flow-time. Computers and Operations Research, 2012, 39, 571-575.	2.4	7
280	Maximizing the configuration robustness for parallel multi-purpose machines under setup cost constraints. Journal of Scheduling, 2012, 15, 457-471.	1.3	2
281	Scheduling a single machine to maintain a dynamic WIP profile in coordinated manufacturing chains. International Journal of Advanced Manufacturing Technology, 2012, 59, 1167-1179.	1.5	1
282	Scheduling identical parallel machines with machine eligibility restrictions to minimize total weighted flowtime in automobile gear manufacturing. International Journal of Advanced Manufacturing Technology, 2012, 60, 1099-1110.	1.5	37
283	An improved artificial bee colony algorithm for the blocking flowshop scheduling problem. International Journal of Advanced Manufacturing Technology, 2012, 60, 1149-1159.	1.5	43
284	An improved heuristic for parallel machine weighted flowtime scheduling with family set-up times. Computers and Mathematics With Applications, 2012, 63, 110-117.	1.4	9
285	Tabu search and lower bound for an industrial complex shop scheduling problem. Computers and Industrial Engineering, 2012, 62, 1109-1118.	3.4	7
286	A GRASP approach to transporter scheduling and routing at a shipyard. Computers and Industrial Engineering, 2012, 63, 390-399.	3.4	16
287	Single machine scheduling with a general exponential learning effect. Applied Mathematical Modelling, 2012, 36, 829-835.	2.2	29
288	Scheduling rules to minimize total tardiness in a parallel machine problem with setup and calendar constraints. Computers and Operations Research, 2012, 39, 1236-1244.	2.4	26
289	A variable neighborhood search for minimizing total weighted tardiness with sequence dependent setup times on a single machine. Computers and Operations Research, 2012, 39, 1506-1520.	2.4	78
290	Robust scheduling on a single machine to minimize total flow time. Computers and Operations Research, 2012, 39, 1682-1691.	2.4	67
291	A branch-and-price algorithm for the general case of scheduling parallel machines with a single server. Computers and Operations Research, 2012, 39, 2242-2247.	2.4	30
292	A hybrid genetic algorithm for the single machine maximum lateness problem with release times and family setups. Computers and Operations Research, 2012, 39, 2346-2358.	2.4	14
293	A hybrid genetic algorithm for the single machine scheduling problem with sequence-dependent setup times. Computers and Operations Research, 2012, 39, 2415-2424.	2.4	37

#	ARTICLE	IF	CITATIONS
294	Scheduling jobs on identical parallel machines with unequal future ready time and sequence dependent setup: An experimental study. <i>International Journal of Production Economics</i> , 2012, 137, 1-10.	5.1	20
295	Control methods for dynamic time-based manufacturing under customized product lead times. <i>European Journal of Operational Research</i> , 2012, 218, 86-96.	3.5	14
296	An agent-based genetic algorithm for hybrid flowshops with sequence dependent setup times to minimise makespan. <i>Expert Systems With Applications</i> , 2012, 39, 8095-8107.	4.4	35
297	Sequence-dependent group scheduling problem on unrelated-parallel machines. <i>Expert Systems With Applications</i> , 2012, 39, 9021-9030.	4.4	32
298	An estimation of distribution algorithm for lot-streaming flow shop problems with setup times. <i>Omega</i> , 2012, 40, 166-180.	3.6	133
299	Scheduling to minimize stringer utilization for continuous annealing operations. <i>Omega</i> , 2012, 40, 437-444.	3.6	8
300	Production scheduling with history-dependent setup times. <i>Naval Research Logistics</i> , 2012, 59, 58-68.	1.4	5
301	Lot splitting scheduling procedure for makespan reduction and machine capacity increase in a hybrid flow shop with batch production. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 59, 775-786.	1.5	27
302	Integrated production and distribution planning for perishable food products. <i>Flexible Services and Manufacturing Journal</i> , 2012, 24, 28-51.	1.9	102
303	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
304	A multi-start tabu search method for a single-machine scheduling problem with periodic maintenance and sequence-dependent set-up times. <i>Journal of Scheduling</i> , 2013, 16, 661-673.	1.3	23
305	Single machine batch scheduling with release times and delivery costs. <i>Journal of Scheduling</i> , 2013, 16, 69-79.	1.3	20
306	A tabu search algorithm for unrelated parallel machine scheduling with sequence- and machine-dependent setups: minimizing total tardiness. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 69, 2081-2089.	1.5	55
307	Development and analysis of constructive heuristic algorithms for flow shop scheduling problems with sequence-dependent setup times. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 1337-1353.	1.5	16
308	Sensitivity search for the rescheduling of semiconductor photolithography operations. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 73-84.	1.5	6
309	Effective hybrid discrete artificial bee colony algorithms for the total flowtime minimization in the blocking flowshop problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 397-414.	1.5	40
310	Method for control of the make-to-order manufacturing system on the base of earning power assessment. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 65, 1439-1458.	1.5	7
311	Two-machine, no-wait job shop problem with separable setup times and single-server constraints. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 65, 295-308.	1.5	8

#	ARTICLE	IF	CITATIONS
312	A simulated annealing/local search to minimize the makespan and total tardiness on a hybrid flowshop. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 64, 369-388.	1.5	20
313	Bi-criteria group scheduling in hybrid flowshops. <i>International Journal of Production Economics</i> , 2013, 145, 599-612.	5.1	31
315	A new encoding scheme-based hybrid algorithm for minimising two-machine flow-shop group scheduling problem. <i>International Journal of Systems Science</i> , 2013, 44, 77-93.	3.7	20
316	Lateness minimization with Tabu search for job shop scheduling problem with sequence dependent setup times. <i>Journal of Intelligent Manufacturing</i> , 2013, 24, 741-754.	4.4	33
317	Sequence-dependent setup time flexible job shop scheduling problem to minimise total tardiness. <i>International Journal of Production Research</i> , 2013, 51, 3476-3487.	4.9	51
318	Single machine scheduling with general time-dependent deterioration, position-dependent learning and past-sequence-dependent setup times. <i>Optimization Letters</i> , 2013, 7, 1793-1804.	0.9	14
319	Scheduling problems with past-sequence-dependent setup times and general effects of deterioration and learning. <i>Applied Mathematical Modelling</i> , 2013, 37, 4905-4914.	2.2	29
320	An iterative approach for the serial batching problem with parallel machines and job families. <i>Annals of Operations Research</i> , 2013, 206, 425-448.	2.6	16
321	An artificial immune system heuristic for two-stage multi-machine assembly scheduling problem to minimize total completion time. <i>Journal of Manufacturing Systems</i> , 2013, 32, 825-830.	7.6	32
322	General flowshop scheduling problem with the sequence dependent setup times: A heuristic approach. <i>Information Sciences</i> , 2013, 251, 126-135.	4.0	12
323	Lot-sizing on a single imperfect machine: ILP models and FPTAS extensions. <i>Computers and Industrial Engineering</i> , 2013, 65, 561-569.	3.4	5
324	Dynamics in Logistics. <i>Lecture Notes in Logistics</i> , 2013, , .	0.6	1
325	Genetic algorithm for scheduling reentrant jobs on parallel machines with a remote server. <i>Transactions of Tianjin University</i> , 2013, 19, 463-469.	3.3	2
326	A neural network decision-making model for job-shop scheduling. <i>International Journal of Production Research</i> , 2013, 51, 5142-5157.	4.9	18
327	Two-machine robotic cell scheduling problem with sequence-dependent setup times. <i>Computers and Operations Research</i> , 2013, 40, 1420-1434.	2.4	44
328	Minimising general setup costs in a two-stage production system. <i>International Journal of Production Research</i> , 2013, 51, 2268-2280.	4.9	10
329	Family based dispatching with batch availability. <i>International Journal of Production Research</i> , 2013, 51, 3643-3653.	4.9	10
330	Decision Modeling for Assignments of Collaborative Rescue Units during Emergency Response. , 2013, , .		12

#	ARTICLE	IF	CITATIONS
331	Local search heuristics for the Flowshop Sequence Dependent Group Scheduling problem. , 2013, , .		2
332	An adaptive intelligent method for manufacturing process optimization in steelworks. , 2013, , .		2
333	Semi-Matching Algorithms for Scheduling Parallel Tasks under Resource Constraints. , 2013, , .		2
334	Bi-objective hybrid flow shop scheduling: a new local search. International Journal of Advanced Manufacturing Technology, 2013, 64, 933-950.	1.5	7
335	The assembly line balancing and scheduling problem with sequence-dependent setup times: problem extension, model formulation and efficient heuristics. OR Spectrum, 2013, 35, 291-320.	2.1	65
336	A two-stage hybrid flowshop scheduling problem in machine breakdown condition. Journal of Intelligent Manufacturing, 2013, 24, 193-199.	4.4	34
337	A two-stage flow shop batch-scheduling problem with the option of using Not-All-Machines. International Journal of Production Economics, 2013, 146, 161-166.	5.1	9
338	Integrated Production Planning, Shift Planning, and Detailed Scheduling in a Tissue Paper Manufacturer. Springer Proceedings in Mathematics and Statistics, 2013, , 151-183.	0.1	0
339	Algorithms for no-wait flowshops with total completion time subject to makespan. International Journal of Advanced Manufacturing Technology, 2013, 68, 2237-2251.	1.5	22
340	A polynomial time heuristic for the two-machine flowshop scheduling problem with setup times and random processing times. Applied Mathematical Modelling, 2013, 37, 7164-7173.	2.2	21
341	The two-machine flowshop scheduling problem with sequence-independent setup times: New lower bounding strategies. European Journal of Operational Research, 2013, 231, 69-78.	3.5	17
342	Multi-objective sequence dependent setup times permutation flowshop: A new algorithm and a comprehensive study. European Journal of Operational Research, 2013, 227, 301-313.	3.5	128
343	Scheduling reefer mechanics at container terminals. Transportation Research, Part E: Logistics and Transportation Review, 2013, 51, 17-27.	3.7	21
344	A GRASP for simultaneously assigning and sequencing product families on flexible assembly lines. Annals of Operations Research, 2013, 203, 295-323.	2.6	8
345	Multi-period lot sizing and job shop scheduling with compressible process times for multilevel product structures. International Journal of Production Research, 2013, 51, 6229-6246.	4.9	11
346	The Plackett-Luce ranking model on permutation-based optimization problems. , 2013, , .		21
347	A genetic algorithm based heuristic for two machine no-wait flowshop scheduling problems with class setup times that minimizes maximum lateness. International Journal of Production Economics, 2013, 141, 127-136.	5.1	15
348	Family sequencing and cooperation. European Journal of Operational Research, 2013, 226, 414-424.	3.5	12

#	ARTICLE	IF	CITATIONS
349	Batch scheduling problem for a machinery factory with fixed-position layout. International Journal of Production Research, 2013, 51, 910-926.	4.9	10
350	Scheduling in flow shop with sequence-dependent setup times: literature review and analysis. International Journal of Business Innovation and Research, 2013, 7, 466.	0.1	6
351	Scheduling Problems with Human and Machine Effects. Applied Mechanics and Materials, 0, 423-426, 2206-2210.	0.2	0
352	Continuous-time algorithms for scheduling a single machine with sequence-dependent setup times and time window constraints in coordinated chains. International Journal of Production Research, 2013, 51, 3654-3670.	4.9	9
353	A hybrid genetic algorithm for parallel machine scheduling problem with consumable resources. , 2013, , .		4
354	Scheduling on parallel machines to minimise maximum lateness for the customer order problem. International Journal of Systems Science, 2013, 44, 926-936.	3.7	13
355	Manufacturing cycle time reduction for batch production in a shared worker environment. International Journal of Production Research, 2013, 51, 1-8.	4.9	58
356	A genetic algorithm for solving a hybrid flexible flowshop with sequence dependent setup times. , 2013, , .		3
357	A Clonal Selection Algorithm for Makespan Minimization on Unrelated Parallel Machines with Sequence Dependent Setup Times. , 2013, , .		3
358	Iterative algorithms for no-wait flowshop problems with sequence-dependent setup times. , 2013, , .		1
359	Increasing the profitability and competitiveness in a production environment with random and bounded setup times. International Journal of Production Research, 2013, 51, 106-117.	4.9	24
360	Heuristics for scheduling a two-stage hybrid flow shop with parallel batching machines: application at a hospital sterilisation plant. International Journal of Production Research, 2013, 51, 2363-2376.	4.9	26
361	A continuous-time MILP model for short-term scheduling of make-and-pack production processes. International Journal of Production Research, 2013, 51, 1707-1727.	4.9	30
362	Lagrangian relaxation and cut generation for sequence-dependent setup time flowshop scheduling problems to minimise the total weighted tardiness. International Journal of Production Research, 2013, 51, 4778-4796.	4.9	21
363	Impact of varying levels of setup time on the performance of algorithms for scheduling a flow shop with sequence dependent setup time. International Journal of Services and Operations Management, 2013, 14, 421.	0.1	8
364	A New Elastic Scheduling Task Model in the Node of a Control and Measurement System. Metrology and Measurement Systems, 2013, 20, 87-98.	1.4	2
365	A Transfer Line Design Problem with Setup Times and Costs. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 778-783.	0.4	0
367	A GRASP approach to transporter scheduling for ship assembly block operations management. European Journal of Industrial Engineering, 2013, 7, 312.	0.5	9

#	ARTICLE	IF	CITATIONS
368	Batching and sequencing of incompatible job families for a single machine problem. , 2013, , .		0
369	Stochastic bicriteria single machine scheduling with quadratic cost functions. International Journal of Operational Research, 2013, 17, 59.	0.1	4
370	A Genetic Algorithm for the Parallel Machine Scheduling Problem with Consumable Resources. International Journal of Applied Metaheuristic Computing, 2013, 4, 17-30.	0.5	9
371	An imperialist competitive algorithm for a bi-objective parallel machine scheduling problem with load balancing consideration. International Journal of Industrial Engineering Computations, 2013, 4, 191-202.	0.4	9
372	Assignments of Collaborative Rescue Units during Emergency Response. International Journal of Information Systems for Crisis Response and Management, 2013, 5, 63-80.	0.7	6
373	Proposi�o de uma heur�stica utilizando busca-tabu para resolu�o do problema de escalonamento de ve�culos com m�ltiplas garagens. Revista Produ�o Online, 2014, 14, 862.	0.1	0
374	MIP Models and Hybrid Algorithms for Simultaneous Job Splitting and Scheduling on Unrelated Parallel Machines. Scientific World Journal, The, 2014, 2014, 1-19.	0.8	8
375	Efficient Bounding Schemes for the Two-Center Hybrid Flow Shop Scheduling Problem with Removal Times. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	1
376	Proposi�o de algoritmo simulated annealing para programa�o em flow shops paralelos proporcionais com tempos de setup expl�citos. Revista Produ�o Online, 2014, 14, 997-1023.	0.1	2
377	A Metaheuristic approach for Batch Sizing and Scheduling Problem in Flexible Flow Shop with Unrelated Parallel Machines. International Journal of Computer Applications, 2014, 97, 31-36.	0.2	0
378	A Study on Integration of Lot Sizing and Flow Shop Lot Streaming Problems. Arabian Journal for Science and Engineering, 2014, 39, 9283-9300.	1.1	7
379	Production Resource Search Using the Viral Phenomenon: Concept Introduction. Procedia CIRP, 2014, 25, 177-184.	1.0	0
380	Simulated annealing and genetic algorithms for the two-machine scheduling problem with a single server. International Journal of Production Research, 2014, 52, 3778-3792.	4.9	37
381	Group Scheduling with Two Competing Agents on a Single Machine. Asia-Pacific Journal of Operational Research, 2014, 31, 1450043.	0.9	1
382	Scheduling with deteriorating jobs and setup times on a single machine. International Journal of Systems Science: Operations and Logistics, 2014, 1, 27-35.	2.0	0
383	Link scheduling algorithm for constrained inter-satellite links. , 2014, , .		1
384	Simple constructive heuristics for the Distributed Assembly Permutation Flowshop Scheduling Problem with sequence dependent setup times. , 2014, , .		4
385	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

#	ARTICLE	IF	CITATIONS
386	Distance Measures for Permutations in Combinatorial Efficient Global Optimization. Lecture Notes in Computer Science, 2014, , 373-383.	1.0	19
387	Sequencing a batching flexible cell to minimise set-up costs. International Journal of Production Research, 2014, 52, 2461-2476.	4.9	4
388	Artificial Immune System Algorithm and Simulated Annealing Algorithm for Scheduling Batches of Parts based on Job Availability Model in a Multi-cell Flexible Manufacturing System. Procedia Engineering, 2014, 97, 1524-1533.	1.2	11
389	Genetic algorithm with local search for the unrelated parallel machine scheduling problem with sequence-dependent set-up times. International Journal of Production Research, 2014, 52, 5841-5856.	4.9	48
390	Controlled order release: a performance assessment in job shops with sequence-dependent set-up times. Production Planning and Control, 2014, 25, 603-615.	5.8	14
391	A Review on Lean Manufacturing Implementation Techniques. Procedia Engineering, 2014, 97, 1875-1885.	1.2	238
392	Minimizing Total Flow Time in a Flow Shop with Blocking Using a Hybrid Variable Neighborhood Search and Simulated Annealing Algorithm. Applied Mechanics and Materials, 0, 631-632, 57-61.	0.2	3
393	Efficient wafer sorting scheduling using a hybrid artificial immune system. Journal of the Operational Research Society, 2014, 65, 169-179.	2.1	3
394	Scheduling of Jobs on Identical Parallel Machines to Minimize Total Flow Time Subject to Optimal Makespan. Advanced Materials Research, 0, 903, 390-395.	0.3	0
395	A Scheduling Problem in the Baking Industry. Journal of Applied Mathematics, 2014, 2014, 1-14.	0.4	1
396	Optimizing Buffer Sizes for Pipeline Workflow Scheduling with Setup Times. , 2014, , .		6
397	Stochastic collection and replenishment (SCAR) optimisation for persistent autonomy. , 2014, , .		2
398	A representation scheme for integrated production and outbound distribution models. International Journal of Logistics Systems and Management, 2014, 18, 283.	0.2	7
399	NSGA-II with iterated greedy for a bi-objective three-stage assembly flowshop scheduling problem. , 2014, , .		6
400	An ant colony optimization for solving a hybrid flexible flowshop. , 2014, , .		2
401	Multiproduct batching and scheduling with buffered rework: The case of a car paint shop. Naval Research Logistics, 2014, 61, 458-471.	1.4	2
403	A hybrid tabu search for batching and sequencing decisions in a single machine environment. Computers and Industrial Engineering, 2014, 78, 135-147.	3.4	7
404	An iterated greedy algorithm for the single-machine total weighted tardiness problem with sequence-dependent setup times. International Journal of Systems Science, 2014, 45, 351-362.	3.7	14

#	ARTICLE	IF	CITATIONS
405	Unrelated parallel machine scheduling with setup times and ready times. International Journal of Production Research, 2014, 52, 1200-1214.	4.9	48
406	Classification of queueing models for a workstation with interruptions: a review. International Journal of Production Research, 2014, 52, 902-917.	4.9	41
407	Cell loading and family scheduling for jobs with individual due dates to minimise maximum tardiness. International Journal of Production Research, 2014, 52, 5656-5674.	4.9	7
408	Batch Scheduling In A Two-Stage Flexible Flow Shop Problem. Foundations of Computing and Decision Sciences, 2014, 39, 3-16.	0.5	11
409	Optimal Sequence-Dependent Job Scheduling of Packing Process with Multiple Non-Identical Machines in Tablet Production. Applied Mechanics and Materials, 0, 548-549, 1046-1050.	0.2	0
410	Scheduling in bicriteria single machine systems with past-sequence-dependent setup times and learning effects. Journal of the Operational Research Society, 2014, 65, 1017-1036.	2.1	10
411	Batch scheduling of identical jobs with controllable processing times. Computers and Operations Research, 2014, 41, 115-124.	2.4	19
412	Metaheuristic Scheduling for Cloud: A Survey. IEEE Systems Journal, 2014, 8, 279-291.	2.9	197
413	Group scheduling and job-dependent due window assignment based on a common flow allowance. Computers and Industrial Engineering, 2014, 68, 35-41.	3.4	36
414	A bicriteria two-machine flow-shop serial-batching scheduling problem with bounded batch size. Journal of Scheduling, 2014, 17, 17-29.	1.3	17
415	A simultaneous and iterative approach for parallel machine scheduling with sequence-dependent family setups. Journal of Scheduling, 2014, 17, 471-487.	1.3	13
416	A dispatching algorithm for flexible job-shop scheduling with transfer batches: an industrial application. Production Planning and Control, 2014, 25, 93-109.	5.8	41
417	A Distance-Based Ranking Model Estimation of Distribution Algorithm for the Flowshop Scheduling Problem. IEEE Transactions on Evolutionary Computation, 2014, 18, 286-300.	7.5	111
418	New heuristics for the no-wait flowshop with sequence-dependent setup times problem. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2014, 36, 139-151.	0.8	18
419	Parallel machines scheduling with machine preference via agent-based approach. Applied Mathematics and Computation, 2014, 233, 298-309.	1.4	7
420	Emergency response in natural disaster management: Allocation and scheduling of rescue units. European Journal of Operational Research, 2014, 235, 697-708.	3.5	189
421	Simulation for manufacturing system design and operation: Literature review and analysis. Journal of Manufacturing Systems, 2014, 33, 241-261.	7.6	400
422	A mixed integer linear programming approach to minimize the number of late jobs with and without machine availability constraints. European Journal of Operational Research, 2014, 235, 540-552.	3.5	19

#	ARTICLE	IF	CITATIONS
423	Modeling and solving mixed-model assembly line balancing problem with setups. Part I: A mixed integer linear programming model. <i>Journal of Manufacturing Systems</i> , 2014, 33, 177-187.	7.6	60
424	An evolutionary clustering search for the no-wait flow shop problem with sequence dependent setup times. <i>Expert Systems With Applications</i> , 2014, 41, 3628-3633.	4.4	38
425	CMS scheduling problem considering material handling and routing flexibility. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 72, 881-893.	1.5	7
426	An intelligent hybrid meta-heuristic for solving a case of no-wait two-stage flexible flow shop scheduling problem with unrelated parallel machines. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 71, 1229-1245.	1.5	52
427	The optimal number of used machines in a two-stage flexible flowshop scheduling problem. <i>Journal of Scheduling</i> , 2014, 17, 199-210.	1.3	11
428	A novel hybrid genetic algorithm to solve the sequence-dependent permutation flow-shop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 71, 429-437.	1.5	16
429	Flow shop batching and scheduling with sequence-dependent setup times. <i>Journal of Scheduling</i> , 2014, 17, 353-370.	1.3	21
430	Minimizing setup costs in a transfer line design problem with sequential operation processing. <i>International Journal of Production Economics</i> , 2014, 151, 186-194.	5.1	14
431	Group-shop scheduling with sequence-dependent set-up and transportation times. <i>Applied Mathematical Modelling</i> , 2014, 38, 5080-5091.	2.2	20
432	<i>Manufacturing Scheduling Systems</i> . , 2014, , .		56
433	Scheduling with few changes. <i>European Journal of Operational Research</i> , 2014, 236, 37-50.	3.5	11
434	A parallel competitive colonial algorithm for JIT flowshop scheduling. <i>Journal of Computational Science</i> , 2014, 5, 777-783.	1.5	11
435	A production scheduling problem with sequence-dependent changeover costs. <i>International Journal of Production Research</i> , 2014, 52, 4093-4102.	4.9	7
436	Total completion time with makespan constraint in no-wait flowshops with setup times. <i>European Journal of Operational Research</i> , 2014, 238, 724-734.	3.5	36
437	Multi-objective fuzzy multiprocessor flowshop scheduling. <i>Applied Soft Computing Journal</i> , 2014, 21, 139-148.	4.1	34
438	Batch scheduling with a rate-modifying maintenance activity to minimize total flowtime. <i>International Journal of Production Economics</i> , 2014, 153, 238-242.	5.1	11
439	A Hyper-Heuristic Scheduling Algorithm for Cloud. <i>IEEE Transactions on Cloud Computing</i> , 2014, 2, 236-250.	3.1	159
440	Flexible job shop scheduling with sequence-dependent setup and transportation times by ant colony with reinforced pheromone relationships. <i>International Journal of Production Economics</i> , 2014, 153, 253-267.	5.1	86

#	ARTICLE	IF	CITATIONS
441	Efficient coupled PHY and MAC use of physical bursts by ARQ-enabled connections in WiMAX/IEEE 802.16e networks. <i>Physical Communication</i> , 2014, 10, 72-105.	1.2	1
442	Dynamic set-up rules for hybrid flow shop scheduling with parallel batching machines. <i>International Journal of Production Research</i> , 2014, 52, 3842-3857.	4.9	16
443	Improvement of constructive heuristics using variable neighbourhood descent for scheduling a flow shop with sequence dependent setup time. <i>Journal of Manufacturing Systems</i> , 2014, 33, 65-75.	7.6	23
444	Scheduling of unrelated parallel machines with limited server availability on multiple production locations: a case study in knitted fabrics. <i>International Journal of Production Research</i> , 2014, 52, 2630-2653.	4.9	16
445	Intelligent Decision Support for Aircraft Logistics at Commercial Airports. , 2014, , .		1
446	Improved sheep flock heredity algorithm and artificial bee colony algorithm for scheduling <i>m</i> -machine flow shops lot streaming with equal size sub-lot problems. <i>International Journal of Production Research</i> , 2014, 52, 1509-1527.	4.9	21
447	Parallel-machine scheduling to minimize overtime and waste costs. <i>IIE Transactions</i> , 2014, 46, 601-618.	2.1	9
448	Robust meta-heuristics implementation for unrelated parallel machines scheduling problem with rework processes and machine eligibility restrictions. <i>Computers and Industrial Engineering</i> , 2014, 77, 15-28.	3.4	29
449	Harmony search algorithm for single-machine scheduling problem with planned maintenance. <i>Computers and Industrial Engineering</i> , 2014, 76, 333-346.	3.4	47
450	Comparison of Two Integer Programming Formulations for a Single Machine Family Scheduling Problem to Minimize Total Tardiness. <i>Procedia CIRP</i> , 2014, 19, 174-179.	1.0	6
451	A tabu search algorithm for the job shop problem with sequence dependent setup times. <i>Computers and Industrial Engineering</i> , 2014, 78, 95-106.	3.4	17
452	Robust Metaheuristics for Scheduling Cellular Flowshop with Family Sequence-Dependent Setup Times. <i>Procedia CIRP</i> , 2014, 17, 428-433.	1.0	8
453	An integrated job release and scheduling approach on parallel machines: An application in electric wire-harness industry. <i>Computers and Industrial Engineering</i> , 2014, 76, 318-332.	3.4	15
454	Lot scheduling on a single machine. <i>Information Processing Letters</i> , 2014, 114, 718-722.	0.4	14
455	Operations Research Proceedings 2013. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2014, , .	0.1	0
456	Improving Branch-and-Price for Parallel Machine Scheduling. <i>Lecture Notes in Computer Science</i> , 2014, , 290-300.	1.0	2
457	A model and imperialist competitive algorithm for hybrid flow shops with sublots and setup times. <i>Journal of Manufacturing Systems</i> , 2014, 33, 647-653.	7.6	39
458	Dynamic Pareto-optimal group scheduling in parallel machine shop. <i>International Journal of Industrial and Systems Engineering</i> , 2014, 18, 199.	0.1	1

#	ARTICLE	IF	CITATIONS
459	Scheduling and worker assignment problems on hybrid flowshop with cost-related objective function. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 74, 267-283.	1.5	14
460	A novel hybrid genetic algorithm to solve the make-to-order sequence-dependent flow-shop scheduling problem. <i>Journal of Industrial Engineering International</i> , 2014, 10, 1.	1.8	8
461	The block planning approach for continuous time-based dynamic lot sizing and scheduling. <i>Business Research</i> , 2014, 7, 51-76.	4.0	20
462	Optimal single machine scheduling of products with components and changeover cost. <i>European Journal of Operational Research</i> , 2014, 233, 75-83.	3.5	5
463	Artificial chromosomes with genetic algorithm 2 (ACGA2) for single machine scheduling problems with sequence-dependent setup times. <i>Applied Soft Computing Journal</i> , 2014, 17, 167-175.	4.1	14
464	A Multiobjective Hybrid Genetic Algorithm for TFT-LCD Module Assembly Scheduling. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014, 11, 692-705.	3.4	55
465	Scheduling with multi-attribute setup times on two identical parallel machines. <i>International Journal of Production Economics</i> , 2014, 153, 130-138.	5.1	5
466	Unrelated parallel machine scheduling with dedicated machines and common deadline. <i>Computers and Industrial Engineering</i> , 2014, 74, 161-168.	3.4	12
467	Simulation optimization for the stochastic economic lot scheduling problem with sequence-dependent setup times. <i>International Journal of Production Economics</i> , 2014, 157, 170-176.	5.1	16
468	Hybrid GRASP Heuristics to Solve an Unrelated Parallel Machine Scheduling Problem with Earliness and Tardiness Penalties. <i>Electronic Notes in Theoretical Computer Science</i> , 2014, 302, 53-72.	0.9	26
469	Stochastic bicriteria single machine scheduling with sequence-dependent job attributes and job-dependent learning effects. <i>European Journal of Industrial Engineering</i> , 2014, 8, 421.	0.5	7
470	Effect of problem size on the performance of constructive algorithms for flow shop scheduling problems with sequence dependent setup times. <i>International Journal of Internet Manufacturing and Services</i> , 2014, 3, 204.	0.2	1
471	Development and analysis of hybrid genetic algorithms for flow shop scheduling with sequence dependent setup time. <i>International Journal of Services and Operations Management</i> , 2014, 17, 168.	0.1	9
472	Simulation of project scheduling through the rule-based coordination in indirect collaboration design. <i>Journal of Simulation</i> , 2014, 8, 251-258.	1.0	1
473	A tabu search for the permutation flow shop problem with sequence dependent setup times. <i>International Journal of Data Analysis Techniques and Strategies</i> , 2014, 6, 275.	0.2	6
474	Dynamic Pareto-optimal group scheduling for a single machine. <i>International Journal of Industrial and Systems Engineering</i> , 2014, 16, 537.	0.1	5
475	Heterogeneous Task Allocation in Participatory Sensing. , 2014, , .		0
477	Jobs Pre-Allocation on Parallel Unrelated Machines with Sequence Dependent Setup Times: Evidence from a Large Experimentation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 4364-4369.	0.4	0

#	ARTICLE	IF	CITATIONS
478	Multi-objective job shop scheduling problem with sequence dependent setup times using a novel metaheuristic. International Journal of Intelligent Engineering Informatics, 2014, 2, 243.	0.1	6
479	Failure-prone manufacturing systems with setups: feasibility and optimality under various hypotheses about perturbations and setup interplay. International Journal of Mathematics in Operational Research, 2015, 7, 681.	0.1	6
480	Collaborative Vehicle Routing and Scheduling with Cross-Docks under Uncertainty. , 2015, , .		3
481	Scheduling with job-dependent past-sequence-dependent setup times and job-dependent position-based learning effects on a single processor. European Journal of Industrial Engineering, 2015, 9, 277.	0.5	7
482	Heterogeneous Task Allocation in Participatory Sensing. , 2015, , .		19
483	Disruption Management for a Box Erecting Machine. IFAC-PapersOnLine, 2015, 48, 1055-1060.	0.5	1
484	An enhanced greedy random adaptive search procedure with path-relinking for no-wait flowshop problem with setup times. Integrated Computer-Aided Engineering, 2015, 23, 51-68.	2.5	5
485	Equilibrium Customer Strategies in the Queue with Threshold Policy and Setup Times. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	6
486	An Improved Particle Swarm Optimization for Selective Single Machine Scheduling with Sequence Dependent Setup Costs and Downstream Demands. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	2
487	Lot-Order Assignment Applying Priority Rules for the Single-Machine Total Tardiness Scheduling with Nonnegative Time-Dependent Processing Times. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	2
488	ProposiÃ§Ã£o de um modelo de otimizaÃ§Ã£o para programaÃ§Ã£o da produÃ§Ã£o em Sistema FlexÃ¡vel de Manufatura (FMS) com tempos de setup dependentes da sequÃªncia: a combinaÃ§Ã£o de esforÃ§os em sequenciamento e tempos de preparaÃ§Ã£o na indÃºstria eletrÃ´nica. , 2015, 16, .		0
489	Parallel machine scheduling with step-deteriorating jobs and setup times by a hybrid discrete cuckoo search algorithm. Engineering Optimization, 2015, 47, 1564-1585.	1.5	41
490	Cache-oblivious scheduling of shared workloads. , 2015, , .		2
491	A vibration damping optimization algorithm for a parallel machines scheduling problem with sequence-independent family setup times. Applied Mathematical Modelling, 2015, 39, 6845-6859.	2.2	33
492	Optimal control strategies for single-machine family scheduling with sequence-dependent batch setup and controllable processing times. Journal of Scheduling, 2015, 18, 525-543.	1.3	14
493	Family-based dispatching with parallel machines. International Journal of Production Research, 2015, 53, 5837-5856.	4.9	5
494	A memetic algorithm for a stochastic lot-sizing and sequencing problem. IFAC-PapersOnLine, 2015, 48, 1809-1814.	0.5	0
495	Integrated scheduling of production and distribution operations: a review. International Journal of Industrial and Systems Engineering, 2015, 19, 94.	0.1	37

#	ARTICLE	IF	CITATIONS
496	A Batch Scheduling Problem with Two Agents. Asia-Pacific Journal of Operational Research, 2015, 32, 1550044.	0.9	4
497	An effective VNSSA algorithm for the blocking flowshop scheduling problem with makespan minimization. , 2015, , .		3
498	Strong LP formulations for scheduling splittable jobs on unrelated machines. Mathematical Programming, 2015, 154, 305-328.	1.6	17
499	An artificial bee colony algorithm approach for unrelated parallel machine scheduling with processing set restrictions, job sequence-dependent setup times, and due date. International Journal of Advanced Manufacturing Technology, 2015, 77, 2105-2115.	1.5	33
500	Mathematical model applied to single-track line scheduling problem in Brazilian railways. 4or, 2015, 13, 403-441.	1.0	3
501	A discrete artificial bee colony algorithm incorporating differential evolution for the flow-shop scheduling problem with blocking. Engineering Optimization, 2015, 47, 927-946.	1.5	87
502	Scheduling results applicable to decision-theoretic troubleshooting. International Journal of Approximate Reasoning, 2015, 56, 87-107.	1.9	1
503	Dynamic order acceptance and scheduling problem with sequence-dependent setup time. International Journal of Production Research, 2015, 53, 5797-5808.	4.9	28
504	A Hyperheuristic Approach for Intercell Scheduling With Single Processing Machines and Batch Processing Machines. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 315-325.	5.9	35
505	An improved scatter search algorithm for the single machine total weighted tardiness scheduling problem with sequence-dependent setup times. Applied Soft Computing Journal, 2015, 29, 184-195.	4.1	24
506	An improved shuffled complex evolution algorithm with sequence mapping mechanism for job shop scheduling problems. Expert Systems With Applications, 2015, 42, 3953-3966.	4.4	62
507	The two stage assembly flowshop scheduling problem to minimize total tardiness. Journal of Intelligent Manufacturing, 2015, 26, 225-237.	4.4	54
508	Modeling and solving a closed-loop scheduling problem with two types of setups. IIE Transactions, 2015, 47, 880-891.	2.1	2
509	A framework for studying practical production scheduling. Production Planning and Control, 2015, 26, 438-450.	5.8	13
510	Expanded model of the project portfolio selection problem with divisibility, time profile factors and cardinality constraints. Journal of the Operational Research Society, 2015, 66, 1132-1139.	2.1	24
511	Scheduling countermeasures to contamination events by genetic algorithms. AI Communications, 2015, 28, 259-282.	0.8	4
512	Scheduling unrelated parallel machines with sequence-dependent setup times. International Journal of Advanced Manufacturing Technology, 2015, 81, 1487-1496.	1.5	18
513	Decentralised network architecture for cloud manufacturing. International Journal of Computer Integrated Manufacturing, 0, , 1-14.	2.9	14

#	ARTICLE	IF	CITATIONS
514	Kernels of Mallows Models for Solving Permutation-based Problems. , 2015, , .		10
515	An advanced scatter search algorithm for solving job shops with sequence dependent and non-anticipatory setups. <i>AI Communications</i> , 2015, 28, 179-193.	0.8	7
516	Augmented $\hat{\mu}$ -constraint method in multi-objective flowshop problem with past sequence set-up times and a modified learning effect. <i>International Journal of Production Research</i> , 2015, 53, 5962-5976.	4.9	24
517	Two-station single-track railway scheduling problem with trains of equal speed. <i>Computers and Industrial Engineering</i> , 2015, 85, 260-267.	3.4	19
518	A neighborhood search function for flexible job shop scheduling with separable sequence-dependent setup times. <i>Applied Mathematics and Computation</i> , 2015, 260, 188-203.	1.4	30
519	Single-machine batch scheduling of linear deteriorating jobs. <i>Theoretical Computer Science</i> , 2015, 580, 36-49.	0.5	7
520	The third comprehensive survey on scheduling problems with setup times/costs. <i>European Journal of Operational Research</i> , 2015, 246, 345-378.	3.5	362
521	Scheduling multi-colour print jobs with sequence-dependent setup times. <i>Journal of Scheduling</i> , 2015, 18, 131-145.	1.3	13
522	Scheduling with returnable containers. <i>Journal of Scheduling</i> , 2015, 18, 593-605.	1.3	6
523	Equilibrium balking strategies in the single server queue with setup times and breakdowns. <i>Operational Research</i> , 2015, 15, 213-231.	1.3	21
525	Estimation of Quality of Service in Stochastic Workflow Schedules. <i>Studies in Computational Intelligence</i> , 2015, , 185-193.	0.7	0
526	An immune-inspired algorithm for an unrelated parallel machines ^{â€™} scheduling problem with sequence and machine dependent setup-times for makespan minimisation. <i>Neurocomputing</i> , 2015, 163, 94-105.	3.5	34
527	Resource Planning in Disaster Response. <i>Business and Information Systems Engineering</i> , 2015, 57, 243-259.	4.0	17
528	Multi-bucket optimization for integrated planning and scheduling in the perishable dairy supply chain. <i>Computers and Chemical Engineering</i> , 2015, 77, 59-73.	2.0	61
529	Real-time scheduling of aircraft arrivals and departures in a terminal maneuvering area. <i>Networks</i> , 2015, 65, 212-227.	1.6	46
530	Heuristics and metaheuristics for the distributed assembly permutation flowshop scheduling problem with sequence dependent setup times. <i>International Journal of Production Economics</i> , 2015, 169, 76-88.	5.1	135
531	A dual-criteria flow shop scheduling with sequence-dependent setup times. <i>Journal of Information and Optimization Sciences</i> , 2015, 36, 485-500.	0.2	1
532	Operational Research. <i>CIM Series in Mathematical Sciences</i> , 2015, , .	0.4	3

#	ARTICLE	IF	CITATIONS
533	A hybrid algorithm for the multi-stage flow shop group scheduling with sequence-dependent setup and transportation times. <i>International Journal of Production Economics</i> , 2015, 170, 258-267.	5.1	39
534	Production in a two-machine flowshop scheduling environment with uncertain processing and setup times to minimize makespan. <i>International Journal of Production Research</i> , 2015, 53, 2803-2819.	4.9	29
535	Oriented Online Route Recommendation for Spatial Crowdsourcing Task Workers. <i>Lecture Notes in Computer Science</i> , 2015, , 137-156.	1.0	46
536	Multi-task assignment for crowdsensing in mobile social networks. , 2015, , .		121
537	Scheduling of jobs with cross families in two stage manufacturing systems. <i>International Journal of Production Economics</i> , 2015, 167, 88-96.	5.1	5
538	An efficient memetic algorithm for total weighted tardiness minimization in a single machine with setups. <i>Applied Soft Computing Journal</i> , 2015, 37, 506-518.	4.1	24
539	Pseudo-polynomial dynamic programming for an integrated due date assignment, resource allocation, production, and distribution scheduling model in supply chain scheduling. <i>Applied Mathematical Modelling</i> , 2015, 39, 3280-3289.	2.2	23
540	Exact mathematical formulations and metaheuristic algorithms for production cost minimization: a case study of the cable industry. <i>International Transactions in Operational Research</i> , 2015, 22, 519-544.	1.8	15
541	Active scheduling for hybrid flowshop with family setup time and inconsistent family formation. <i>Journal of Intelligent Manufacturing</i> , 2015, 26, 169-187.	4.4	11
542	Unrelated parallel-machine scheduling to minimize total weighted completion time. <i>Journal of Intelligent Manufacturing</i> , 2015, 26, 1099-1112.	4.4	21
543	A heuristic-search genetic algorithm for multi-stage hybrid flow shop scheduling with single processing machines and batch processing machines. <i>Journal of Intelligent Manufacturing</i> , 2015, 26, 873-890.	4.4	43
544	Dynamic group job shop scheduling. <i>International Journal of Management Science and Engineering Management</i> , 2015, 10, 41-49.	2.6	1
545	Real-time scheduling for hybrid flowshop in ubiquitous manufacturing environment. <i>Computers and Industrial Engineering</i> , 2015, 84, 12-23.	3.4	47
546	A constructive heuristic for total flowtime minimization in a no-wait flowshop with sequence-dependent setup times. <i>Journal of Manufacturing Systems</i> , 2015, 36, 224-230.	7.6	35
547	An ACO-based intercell scheduling approach for job shop cells with multiple single processing machines and one batch processing machine. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 283-296.	4.4	25
548	A survey of multi-factory scheduling. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 231-249.	4.4	108
549	Simultaneous selection and scheduling with sequence-dependent setup times, lateness penalties, and machine availability constraint: Heuristic approaches. <i>International Journal of Industrial Engineering Computations</i> , 2016, , 147-160.	0.4	1
550	Integrating the sequence dependent setup time open shop problem and preventive maintenance policies. <i>Decision Science Letters</i> , 2016, , 535-550.	0.5	9

#	ARTICLE	IF	CITATIONS
551	A hybrid algorithm for unrelated parallel machines scheduling. International Journal of Industrial Engineering Computations, 2016, , 681-702.	0.4	9
552	Efficient priority rules for dynamic sequencing with sequence-dependent setups. International Journal of Industrial Engineering Computations, 2016, , 367-384.	0.4	8
553	ILS Heuristics for the Single-Machine Scheduling Problem with Sequence-Dependent Family Setup Times to Minimize Total Tardiness. Journal of Applied Mathematics, 2016, 2016, 1-15.	0.4	6
554	A hybrid estimation of distribution algorithm for unrelated parallel machine scheduling with sequence-dependent setup times. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 235-246.	8.5	50
555	Hybrid flow shop batching and scheduling with a bi-criteria objective. International Journal of Production Economics, 2016, 179, 239-258.	5.1	56
556	An exact approach for the identical parallel machine scheduling problem with sequence-dependent setup times and the job splitting property. , 2016, , .		1
557	Inventory Theory. , 2016, , 349-412.		0
558	A metaheuristic technique for energy-efficiency in job-shop scheduling. Knowledge Engineering Review, 2016, 31, 475-485.	2.1	19
559	Manufacturing operations outsourcing through an artificial team process algorithm. Journal of Intelligent and Fuzzy Systems, 2016, 31, 487-501.	0.8	4
560	Loading and sequencing heuristics for job scheduling on two unrelated parallel machines with long, sequence-dependent set-up times. International Journal of Production Research, 2016, 54, 6747-6767.	4.9	4
561	Solving the blocking flow shop scheduling problem with makespan using a modified fruit fly optimisation algorithm. International Journal of Production Research, 2016, 54, 6782-6797.	4.9	55
562	Minimizing energy consumption and makespan in a two-machine flowshop scheduling problem. Journal of the Operational Research Society, 2016, 67, 1382-1394.	2.1	31
563	Two-stage assembly scheduling problem for minimizing total tardiness with setup times. Applied Mathematical Modelling, 2016, 40, 7796-7815.	2.2	22
564	A beam search heuristic for scheduling a single machine with release dates and sequence dependent setup times to minimize the makespan. Computers and Operations Research, 2016, 73, 132-140.	2.4	33
565	Is the scheduling task context-dependent? A survey investigating the presence of constraints in different manufacturing contexts. Production Planning and Control, 2016, 27, 753-760.	5.8	9
566	Expanded models of the project portfolio selection problem with loss in divisibility. Journal of the Operational Research Society, 2016, 67, 1097-1107.	2.1	8
567	Minimizing the number of tardy jobs on a two-stage assembly flowshop. Journal of Industrial and Production Engineering, 2016, 33, 391-403.	2.1	8
568	Advanced Planning and Scheduling in Manufacturing and Supply Chains. , 2016, , .		13

#	ARTICLE	IF	CITATIONS
569	Online Machine Scheduling with Family Setups. Asia-Pacific Journal of Operational Research, 2016, 33, 1650027.	0.9	1
570	Time-dependent formulations for minimizing total completion time in a parallel machine scheduling problem with dependent setup times. IFAC-PapersOnLine, 2016, 49, 857-862.	0.5	5
571	The migrating birds optimization metaheuristic for the permutation flow shop with sequence dependent setup times. IFAC-PapersOnLine, 2016, 49, 408-413.	0.5	8
572	An MBO algorithm for a flow shop problem with sequence-dependent setup times. , 2016, , .		1
573	Decision Support System for Production Scheduling (DSSPS). Procedia Computer Science, 2016, 96, 315-323.	1.2	1
574	Automated robotic assembly line design with unavailability periods and tool changes. European Journal of Industrial Engineering, 2016, 10, 499.	0.5	5
575	Scheduling products with subassemblies and changeover time. Journal of the Operational Research Society, 2016, 67, 1025-1033.	2.1	1
576	Hybrid Estimation of Distribution Algorithm for No-Wait Flow-Shop Scheduling Problem with Sequence-Dependent Setup Times and Release Dates. Lecture Notes in Computer Science, 2016, , 505-516.	1.0	0
577	Minimising instability on manufacturing systems after random disruption. African Journal of Science, Technology, Innovation and Development, 2016, 8, 142-145.	0.8	1
580	A Fast Estimator of Performance with Respect to the Design Parameters of Self Re-Entrant Flowshops. , 2016, , .		2
581	Single-machine past-sequence-dependent setup times scheduling with resource allocation and learning effect. RAIRO - Operations Research, 2016, 50, 733-748.	1.0	1
583	Optimizing memory allocation for multistage scheduling including setup times. Journal of Scheduling, 2016, 19, 641-658.	1.3	2
584	Batching Scheduling in a Two-Level Supply Chain with Earliness and Tardiness Penalties. Journal of Systems Science and Complexity, 2016, 29, 478-498.	1.6	2
585	Completing Partial Schedules for Open Shop with Unit Processing Times and Routing. Lecture Notes in Computer Science, 2016, , 73-87.	1.0	9
586	Feasibility recovery for the Unit-capacity Constrained Permutation Problem. Discrete Optimization, 2016, 22, 66-86.	0.6	1
588	A survey of scheduling problems with no-wait in process. European Journal of Operational Research, 2016, 255, 665-686.	3.5	148
589	Splitting versus setup trade-offs for scheduling to minimize weighted completion time. Operations Research Letters, 2016, 44, 469-473.	0.5	5
590	Lot sizing with learning and forgetting in setups: Analytical results and insights. Naval Research Logistics, 2016, 63, 93-108.	1.4	9

#	ARTICLE	IF	CITATIONS
591	Metaheuristics for a job scheduling problem with smoothing costs relevant for the car industry. <i>Networks</i> , 2016, 67, 246-261.	1.6	13
592	Scheduling jobs with equal processing times and a single server on parallel identical machines. <i>Discrete Applied Mathematics</i> , 2016, 213, 196-206.	0.5	6
593	Scheduling two job families on a single machine with two competitive agents. <i>Journal of Combinatorial Optimization</i> , 2016, 32, 784-799.	0.8	7
594	A hybrid discrete differential evolution algorithm for deadlock-free scheduling with setup times of flexible manufacturing systems. <i>Transactions of the Institute of Measurement and Control</i> , 2016, 38, 1270-1280.	1.1	7
595	Hybrid greedy algorithms for fuzzy tardiness/earliness minimisation in a special single machine scheduling problem: case study and generalisation. <i>International Journal of Computer Integrated Manufacturing</i> , 2016, 29, 870-888.	2.9	16
596	Investigations on Performance Evaluation of Scheduling Heuristics and Metaheuristics in a Parallel Machine Environment. <i>Operations Research/ Computer Science Interfaces Series</i> , 2016, , 191-222.	0.3	2
597	Scheduling with multi-attribute set-up times on unrelated parallel machines. <i>International Journal of Production Research</i> , 2016, 54, 4839-4853.	4.9	10
598	A genetic algorithm for energy-efficiency in job-shop scheduling. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 85, 1303-1314.	1.5	113
599	Group scheduling with group-dependent multiple due windows assignment. <i>International Journal of Production Research</i> , 2016, 54, 1244-1256.	4.9	17
600	A parallel machine batch scheduling problem in a brewing company. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 65-75.	1.5	14
602	Event driven strategy based complete rescheduling approaches for dynamic m identical parallel machines scheduling problem with a common server. <i>Computers and Industrial Engineering</i> , 2016, 91, 66-84.	3.4	39
604	Improved Algorithms for Single-Machine Serial-Batch Scheduling With Rejection to Minimize Total Completion Time and Total Rejection Cost. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 1578-1588.	5.9	21
605	A Matheuristic Based on Column Generation for Parallel Machine Scheduling with Sequence Dependent Setup Times. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2016, , 233-238.	0.3	0
606	A comprehensive review of flowshop group scheduling literature. <i>Computers and Operations Research</i> , 2016, 70, 56-74.	2.4	88
607	An extended model for project portfolio selection with project divisibility and interdependency. <i>Journal of Systems Science and Systems Engineering</i> , 2016, 25, 119-138.	0.8	30
609	Green scheduling of a two-machine flowshop: Trade-off between makespan and energy consumption. <i>European Journal of Operational Research</i> , 2016, 248, 772-788.	3.5	223
610	Evaluation approach for the identification of promising methods to couple central planning and autonomous control. <i>International Journal of Computer Integrated Manufacturing</i> , 2016, 29, 438-461.	2.9	8
611	Minimising total tardiness for a single machine scheduling problem with family setups and resource constraints. <i>European Journal of Operational Research</i> , 2016, 248, 123-135.	3.5	47

#	ARTICLE	IF	CITATIONS
612	A review on job shop scheduling with setup times. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 517-533.	1.5	32
613	Flexible Serial Lines With Setups: Analysis, Improvement, and Application. IEEE Robotics and Automation Letters, 2017, 2, 120-127.	3.3	17
614	Scheduling models for optimal aircraft traffic control at busy airports: Tardiness, priorities, equity and violations considerations. Omega, 2017, 67, 81-98.	3.6	83
615	Local search algorithm with path relinking for single batch-processing machine scheduling problem. Neural Computing and Applications, 2017, 28, 313-326.	3.2	22
616	Scheduling flexible flow shop with recirculation and machine sequence-dependent processing times: formulation and solution procedures. International Journal of Advanced Manufacturing Technology, 2017, 89, 765-777.	1.5	10
617	Encounter Probability Aware Task Assignment in Mobile Crowdsensing. Mobile Networks and Applications, 2017, 22, 275-286.	2.2	12
618	A MIP formulation and a heuristic solution approach for the bottling scheduling problem in the wine industry. Computers and Industrial Engineering, 2017, 105, 136-145.	3.4	17
619	A genetic algorithm with an earliest due date encoding for scheduling automotive stamping operations. Computers and Industrial Engineering, 2017, 105, 201-209.	3.4	11
620	Scatter search for minimizing weighted tardiness in a single machine scheduling with setups. Journal of Heuristics, 2017, 23, 81-110.	1.1	14
621	Algorithms for minimizing the number of tardy jobs for reducing production cost with uncertain processing times. Applied Mathematical Modelling, 2017, 45, 982-996.	2.2	22
622	Modeling and solving static m identical parallel machines scheduling problem with a common server and sequence dependent setup times. Computers and Industrial Engineering, 2017, 106, 287-298.	3.4	50
623	A hybrid multi-objective evolutionary algorithm approach for handling sequence- and machine-dependent set-up times in unrelated parallel machine scheduling problem. Sadhana - Academy Proceedings in Engineering Sciences, 2017, 42, 391-403.	0.8	10
624	Optimizing the sum of maximum earliness and tardiness of the job shop scheduling problem. Computers and Industrial Engineering, 2017, 107, 12-24.	3.4	56
625	Minimizing energy consumption and tardiness penalty for fuzzy flow shop scheduling with state-dependent setup time. Journal of Cleaner Production, 2017, 147, 470-484.	4.6	79
626	A novel integer programming formulation for scheduling with family setup times on a single machine to minimize maximum lateness. European Journal of Operational Research, 2017, 262, 411-423.	3.5	16
627	A Survey of Optimization Techniques for Distributed Job Shop Scheduling Problems in Multi-factories. Advances in Intelligent Systems and Computing, 2017, , 369-378.	0.5	12
628	Machine scheduling in production: A content analysis. Applied Mathematical Modelling, 2017, 50, 279-299.	2.2	27
629	Describing the influence of set-up optimised sequencing on output lateness of workstations. Production Planning and Control, 2017, 28, 791-801.	5.8	5

#	ARTICLE	IF	CITATIONS
630	Total completion time minimization for scheduling of two-machine flow shop with deterioration jobs and setup time. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401769888.	0.8	2
631	Decomposition algorithms for synchronous flow shop problems with additional resources and setup times. <i>European Journal of Operational Research</i> , 2017, 259, 847-863.	3.5	8
632	Solution method for a large-scale loom scheduling problem with machine eligibility and splitting property. <i>Journal of the Textile Institute</i> , 2017, 108, 2154-2165.	1.0	9
633	Machine scheduling problems in production: A tertiary study. <i>Computers and Industrial Engineering</i> , 2017, 111, 403-416.	3.4	50
634	Improving the migrating birds optimization metaheuristic for the permutation flow shop with sequence-dependent set-up times. <i>International Journal of Production Research</i> , 2017, 55, 6145-6157.	4.9	27
635	Classifying and modeling setups and cleanings in lot sizing and scheduling. <i>European Journal of Operational Research</i> , 2017, 261, 849-865.	3.5	26
636	Algorithms for job scheduling problems with distinct time windows and general earliness/tardiness penalties. <i>Computers and Operations Research</i> , 2017, 81, 203-215.	2.4	17
637	A genetic algorithm for permutation flowshop scheduling under practical make-to-order production system. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2017, 31, 87-103.	0.7	9
638	Iterated greedy algorithms to minimize the total family flow time for job-shop scheduling with job families and sequence-dependent set-ups. <i>Engineering Optimization</i> , 2017, 49, 1719-1732.	1.5	20
639	Energy-efficient permutation flow shop scheduling problem using a hybrid multi-objective backtracking search algorithm. <i>Journal of Cleaner Production</i> , 2017, 144, 228-238.	4.6	220
640	Minimising maximum tardiness in assembly flowshops with setup times. <i>International Journal of Production Research</i> , 2017, 55, 7541-7565.	4.9	11
641	An Incomplete Constraint-Based System for Scheduling with Renewable Resources. <i>Lecture Notes in Computer Science</i> , 2017, , 243-261.	1.0	2
642	Thread scheduling using ant colony optimization: An intelligent scheduling approach towards minimal information leakage. <i>Karbala International Journal of Modern Science</i> , 2017, 3, 241-258.	0.5	8
643	Food production in batch manufacturing systems with multiple shared-common resources: a scheduling model and its application in the yoghurt industry. <i>International Journal of Services and Operations Management</i> , 2017, 27, 345.	0.1	8
644	Determining optimal sizes of bounded batches with rejection via quadratic min-cost flow. <i>Naval Research Logistics</i> , 2017, 64, 217-224.	1.4	7
645	Local search enhanced multi-objective PSO algorithm for scheduling textile production processes with environmental considerations. <i>Applied Soft Computing Journal</i> , 2017, 61, 447-467.	4.1	31
646	A note on estimating minimal changeover time. <i>Cogent Engineering</i> , 2017, 4, 1330911.	1.1	0
647	Hierarchical Scheduling for Multi-Constrained Flexible Job Shop Based on Heuristic and Intelligent Optimization Algorithms. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
648	Yard crane scheduling to minimize total weighted vessel loading time in container terminals. Flexible Services and Manufacturing Journal, 2017, 29, 689-720.	1.9	9
649	Online Task Assignment for Crowdsensing in Predictable Mobile Social Networks. IEEE Transactions on Mobile Computing, 2017, 16, 2306-2320.	3.9	141
650	A taxonomy for task allocation problems with temporal and ordering constraints. Robotics and Autonomous Systems, 2017, 90, 55-70.	3.0	158
651	A note on a single-machine lot scheduling problem with indivisible orders. Computers and Operations Research, 2017, 79, 34-38.	2.4	7
652	A new electromagnetism-like mechanism for identical parallel machine scheduling with family setup times. International Journal of Advanced Manufacturing Technology, 2017, 89, 1865-1874.	1.5	2
653	A simulation-based study of dispatching rules in a dynamic job shop scheduling problem with batch release and extended technical precedence constraints. European Journal of Operational Research, 2017, 257, 13-24.	3.5	67
654	Scheduling identical parallel machines with tooling constraints. European Journal of Operational Research, 2017, 257, 834-844.	3.5	59
655	An Enhanced tabu search algorithm to minimize a bi-criteria objective in batching and scheduling problems on unrelated-parallel machines with desired lower bounds on batch sizes. Computers and Operations Research, 2017, 77, 154-176.	2.4	82
656	Glass container production planning with warm-ups and furnace extraction variation losses. International Journal of Advanced Manufacturing Technology, 2017, 90, 527-543.	1.5	11
657	Methods for Stochastic Collection and Replenishment (SCAR) optimisation for persistent autonomy. Robotics and Autonomous Systems, 2017, 87, 51-65.	3.0	7
658	Sequencing of picking orders in mobile rack warehouses. European Journal of Operational Research, 2017, 259, 293-307.	3.5	34
659	A new heuristic algorithm for four machines stochastic flow shop scheduling model. , 2017, , .		0
660	Bi-criteria multistage flow shop scheduling with sequence-dependent setup times. International Journal of Operational Research, 2017, 29, 127.	0.1	1
661	Scheduling batch processing machines in a no-wait flow shop using ACO to minimise the makespan. International Journal of Industrial and Systems Engineering, 2017, 27, 390.	0.1	5
662	Energy-aware whale-optimized task scheduler in cloud computing. , 2017, , .		9
663	Terminal Control Area Aircraft Scheduling and Trajectory Optimization Approaches. ITM Web of Conferences, 2017, 14, 00008.	0.4	2
664	Uma heurística robusta para programação de máquinas paralelas com tempos de setup dependentes da sequência. Revista Produção Online, 2017, 17, 463.	0.1	0
665	Scheduling problem solving using genetic and greedy algorithms. International Journal of Computer Aided Engineering and Technology, 2017, 9, 207.	0.1	0

#	ARTICLE	IF	CITATIONS
666	Abordagens de otimiza��o para a programa��o e sequenciamento das frentes de colheita de cana-de-a��car. Gest��o & Produ��o, 2017, 24, 407-422.	0.5	13
667	Modelos matem��ticos para programa��o de job shop com tempos de setup independentes da sequ��ncia. Revista Produ��o Online, 2017, 17, 245.	0.1	1
668	Heur��stica GRASP para la minimizaci��n del makespan en m��quinas paralelas no relacionadas con tiempos de preparaci��n dependientes de la secuencia. Ingeniare, 2017, 25, 524-534.	0.1	2
669	Hybrid evolutionary optimisation with learning for production scheduling: state-of-the-art survey on algorithms and applications. International Journal of Production Research, 2018, 56, 193-223.	4.9	50
670	Evaluation of solution approaches for a stochastic lot-sizing and sequencing problem. International Journal of Production Economics, 2018, 199, 179-192.	5.1	5
671	Approximation and Online Algorithms. Lecture Notes in Computer Science, 2018, , .	1.0	0
672	Structural properties and exact analysis of energy-aware multiserver queueing systems with setup times. Performance Evaluation, 2018, 121-122, 48-66.	0.9	16
673	Variable neighborhood search with memory for a single-machine scheduling problem with periodic maintenance and sequence-dependent set-up times. Knowledge-Based Systems, 2018, 145, 236-249.	4.0	27
674	Stochastic Runway Scheduling. Transportation Science, 2018, 52, 917-940.	2.6	17
675	A hybrid multi-subpopulation genetic algorithm for textile batch dyeing scheduling and an empirical study. Computers and Industrial Engineering, 2018, 125, 615-627.	3.4	34
676	Dynamic scheduling of parallel heat treatment furnaces: A case study at a manufacturing system. Journal of Manufacturing Systems, 2018, 46, 152-162.	7.6	34
677	Scheduling with or without precedence relations on a serial-batch machine to minimize makespan and maximum cost. Applied Mathematics and Computation, 2018, 332, 1-18.	1.4	10
678	Modeling and solution for steelmaking scheduling with batching decisions and energy constraints. Computers and Chemical Engineering, 2018, 116, 368-384.	2.0	34
679	Single-machine batch scheduling to minimize the total setup cost in the presence of deadlines. Journal of Scheduling, 2018, 21, 595-606.	1.3	5
680	Maintenance and setup planning in manufacturing systems under uncertainties. Journal of Quality in Maintenance Engineering, 2018, 24, 170-184.	1.0	8
681	Online scheduling with multi��state machines. Networks, 2018, 71, 209-251.	1.6	4
682	Mechanism design for machine scheduling problems: classification and literature overview. OR Spectrum, 2018, 40, 583-611.	2.1	17
683	An efficient bi-objective algorithm to solve re-entrant hybrid flow shop scheduling with learning effect and setup times. Operational Research, 2018, 18, 123-158.	1.3	18

#	ARTICLE	IF	CITATIONS
684	An efficient hybrid algorithm for a bi-objectives hybrid flow shop scheduling. <i>Intelligent Automation and Soft Computing</i> , 2018, 24, 9-16.	1.6	4
685	Comparison of ensemble learning methods for creating ensembles of dispatching rules for the unrelated machines environment. <i>Genetic Programming and Evolvable Machines</i> , 2018, 19, 53-92.	1.5	34
686	A comparative study of exact methods for the bi-objective integer one-dimensional cutting stock problem. <i>Journal of the Operational Research Society</i> , 2018, 69, 91-107.	2.1	17
687	Enhanced migrating birds optimization algorithm for the permutation flow shop problem with sequence dependent setup times. <i>European Journal of Operational Research</i> , 2018, 264, 66-73.	3.5	69
688	Two-agent-based single-machine scheduling with switchover time to minimize total weighted completion time and makespan objectives. <i>Annals of Operations Research</i> , 2018, 269, 623-640.	2.6	4
689	A survey of case studies in production scheduling: Analysis and perspectives. <i>Journal of Computational Science</i> , 2018, 25, 425-436.	1.5	63
690	The Non-Permutation Flow-Shop scheduling problem: A literature review. <i>Omega</i> , 2018, 77, 143-153.	3.6	93
691	Exact solution of the single-machine scheduling problem with periodic maintenances and sequence-dependent setup times. <i>European Journal of Operational Research</i> , 2018, 266, 498-507.	3.5	24
692	Pruning Rules for Optimal Runway Sequencing. <i>Transportation Science</i> , 2018, 52, 898-916.	2.6	16
693	Stochastic customer order scheduling with setup times to minimize expected cycle time. <i>International Journal of Production Research</i> , 2018, 56, 2684-2706.	4.9	10
694	Evolving dispatching rules for optimising many-objective criteria in the unrelated machines environment. <i>Genetic Programming and Evolvable Machines</i> , 2018, 19, 9-51.	1.5	33
695	Solving the flexible job shop scheduling problem with sequence-dependent setup times. <i>European Journal of Operational Research</i> , 2018, 265, 503-516.	3.5	150
696	Bounds for parallel machine scheduling with predefined parts of jobs and setup time. <i>Annals of Operations Research</i> , 2018, 261, 401-412.	2.6	23
697	A dispatching rule and a random iterated greedy metaheuristic for identical parallel machine scheduling to minimize total tardiness. <i>International Journal of Production Research</i> , 2018, 56, 2292-2308.	4.9	17
698	Collaborative online planning for automated victim search in disaster response. <i>Robotics and Autonomous Systems</i> , 2018, 100, 251-266.	3.0	27
699	Modified Cuckoo Optimization Algorithm (MCOA) to solve Precedence Constrained Sequencing Problem (PCSP). <i>Applied Intelligence</i> , 2018, 48, 1407-1422.	3.3	7
700	Bi-objective multi-resource scheduling problem for emergency relief operations. <i>Production Planning and Control</i> , 2018, 29, 1191-1206.	5.8	23
701	Hybrid Metaheuristics for Solving the Blocking Flowshop Scheduling Problem. <i>International Journal of Engineering Research in Africa</i> , 0, 36, 124-136.	0.7	8

#	ARTICLE	IF	CITATIONS
702	A continuous time model for a short-term multiproduct batch process scheduling. <i>Ingenieria E Investigacion</i> , 2018, 38, 96-104.	0.2	4
703	Towards the Generation of Setup Matrices from Route Sheets and Feedback Data with Data Analytics. <i>IFIP Advances in Information and Communication Technology</i> , 2018, , 502-509.	0.5	0
705	A Batching Machine Model for Lot Scheduling on a Single Machine. <i>Foundations of Computing and Decision Sciences</i> , 2018, 43, 37-40.	0.5	0
706	On the single machine scheduling problem with sequence-dependent setup times and periodic maintenance. , 2018, , .		0
707	A TLBO and a Jaya heuristics for permutation flow shop scheduling to minimize the sum of inventory holding and batch delay costs. <i>Computers and Industrial Engineering</i> , 2018, 124, 509-522.	3.4	39
708	Parameterized complexity of machine scheduling: 15 open problems. <i>Computers and Operations Research</i> , 2018, 100, 254-261.	2.4	37
709	The single machine scheduling problem with sequence-dependent setup times and a learning effect on processing times. <i>Applied Soft Computing Journal</i> , 2018, 71, 291-306.	4.1	20
710	Scheduling maneuvers for the restoration of electric power distribution networks: Formulation and heuristics. <i>Electric Power Systems Research</i> , 2018, 163, 301-309.	2.1	5
711	A survey of dispatching rules for the dynamic unrelated machines environment. <i>Expert Systems With Applications</i> , 2018, 113, 555-569.	4.4	84
712	An agent-based architecture for production scheduling in dynamic job-shop manufacturing system. <i>Automatisierungstechnik</i> , 2018, 66, 492-502.	0.4	10
713	The Unit-capacity Constrained Permutation Problem. <i>European Journal of Operational Research</i> , 2018, 268, 463-472.	3.5	0
714	An exact branch-and-price algorithm for scheduling rescue units during disaster response. <i>European Journal of Operational Research</i> , 2019, 272, 352-363.	3.5	38
715	Solving the single crane scheduling problem at rail transshipment yards. <i>Discrete Applied Mathematics</i> , 2019, 264, 134-147.	0.5	14
716	Integration methods for aircraft scheduling and trajectory optimization at a busy terminal manoeuvring area. <i>OR Spectrum</i> , 2019, 41, 641-681.	2.1	21
717	Optimizing Egalitarian Performance when Colocating Tasks with Types for Cloud Data Center Resource Management. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019, 30, 2523-2535.	4.0	0
718	Fixed-Order Scheduling on Parallel Machines. <i>Lecture Notes in Computer Science</i> , 2019, , 88-100.	1.0	1
719	Lot Sizing and Scheduling for Perishable Food Products: A Review. , 2019, , .		3
720	Creating dispatching rules by simple ensemble combination. <i>Journal of Heuristics</i> , 2019, 25, 959-1013.	1.1	29

#	ARTICLE	IF	CITATIONS
721	The blocking flow shop scheduling problem: A comprehensive and conceptual review. Expert Systems With Applications, 2019, 137, 130-156.	4.4	52
722	Flow shop scheduling with blocking using modified harmony search algorithm with neighboring heuristics methods. Applied Soft Computing Journal, 2019, 85, 105861.	4.1	17
723	A Heuristic Rule Based on Complex Network for Open Shop Scheduling Problem With Sequence-Dependent Setup Times and Delivery Times. IEEE Access, 2019, 7, 140946-140956.	2.6	6
725	On the definition of dynamic permutation problems under landscape rotation. , 2019, , .		3
726	Mathematical Modeling and Discrete Firefly Algorithm to Optimize Scheduling Problem with Release Date, Sequence-Dependent Setup Time, and Periodic Maintenance. Mathematical Problems in Engineering, 2019, 2019, 1-16.	0.6	7
727	Improving genetic algorithm performance by population initialisation with dispatching rules. Computers and Industrial Engineering, 2019, 137, 106030.	3.4	45
728	An improved artificial bee colony algorithm for solving open shop scheduling problem with two sequence-dependent setup times. Procedia CIRP, 2019, 83, 563-568.	1.0	10
729	Scheduling on (Un-)Related Machines with Setup Times. , 2019, , .		4
730	Scheduling two-stage jobs on multiple flowshops. Theoretical Computer Science, 2019, 776, 117-124.	0.5	8
731	Approximate and branch-and-bound algorithms for the parallel machine scheduling problem with a single server. Journal of the Operational Research Society, 2019, 70, 1554-1570.	2.1	10
732	Scheduling Simultaneous Resources: A Case Study on a Calibration Laboratory. Lecture Notes in Computer Science, 2019, , 150-163.	1.0	0
733	An Effective Heuristic for a Single-Machine Scheduling Problem with Family Setups and Resource Constraints. Lecture Notes in Computer Science, 2019, , 141-153.	1.0	0
734	Batching and resource allocation decisions on an m-machine proportionate flowshop. Journal of the Operational Research Society, 2019, 70, 1571-1578.	2.1	2
735	Big data analysis for distributed computing job scheduling and reliability evaluation. Microelectronics Reliability, 2019, 94, 41-45.	0.9	6
736	A Branch-and-Bound Algorithm for Minimizing the Total Tardiness of a Three-Agent Scheduling Problem Considering the Overlap Effect and Environmental Protection. IEEE Access, 2019, 7, 5106-5123.	2.6	5
737	An application of unrelated parallel machine scheduling with sequence-dependent setups at Vestel Electronics. Computers and Operations Research, 2019, 111, 130-140.	2.4	27
738	Sequencing Daily Patient Workload for an Ancillary Service Provider. IEEE Transactions on Automation Science and Engineering, 2022, 19, 178-190.	3.4	0
739	Multi-Stage assembly flow shop with setup time and release time. Operations Research Perspectives, 2019, 6, 100111.	1.2	10

#	ARTICLE	IF	CITATIONS
740	ANALYSIS OF MIXED INTEGER PROGRAMMING FORMULATIONS FOR SINGLE MACHINE SCHEDULING PROBLEMS WITH SEQUENCE DEPENDENT SETUP TIMES AND RELEASE DATES. Pesquisa Operacional, 2019, 39, 109-154.	0.1	9
741	Mobile crowdsensing: A survey on privacy-preservation, task management, assignment models, and incentives mechanisms. Future Generation Computer Systems, 2019, 100, 456-472.	4.9	65
742	Domino sequencing: Scheduling with state-based sequence-dependent setup times. Operations Research Letters, 2019, 47, 274-280.	0.5	2
743	A reinforcement learning-based multi-agent framework applied for solving routing and scheduling problems. Expert Systems With Applications, 2019, 131, 148-171.	4.4	70
744	Client-Side Service for Recommending Rewarding Routes to Mobile Crowdsourcing Workers. IEEE Transactions on Services Computing, 2021, 14, 1995-2010.	3.2	7
745	Integrated problem of soaking pit heating and hot rolling scheduling in steel plants. Computers and Operations Research, 2019, 108, 238-246.	2.4	11
746	A hybrid metaheuristic algorithm for a parallel machine scheduling problem with dependent setup times. Computers and Industrial Engineering, 2019, 131, 295-305.	3.4	17
747	An optimization approach and a heuristic procedure to schedule battery charging processes for stackers of palletized cargo. Computers and Industrial Engineering, 2019, 133, 9-18.	3.4	9
748	New results for single-machine scheduling with past-sequence-dependent setup times and due date-related objectives. European Journal of Operational Research, 2019, 278, 149-159.	3.5	6
750	Ablaufplanung. , 2019, , .		1
751	Heuristics for the mixed no-idle flowshop with sequence-dependent setup times and total flowtime criterion. Expert Systems With Applications, 2019, 125, 40-54.	4.4	25
752	Repair Task Scheduling of Transmission Systems Considering Conditional Setup Times. , 2019, , .		1
753	A Variable Block Insertion Heuristic for Single Machine with Release Dates and Sequence Dependent Setup Times for Makespan Minimization. , 2019, , .		0
754	Decomposition Method for New Single-Machine Scheduling Problems From Steel Production Systems. IEEE Transactions on Automation Science and Engineering, 2019, , 1-12.	3.4	54
755	Optimize Unrelated Parallel Machines Scheduling Problems With Multiple Limited Additional Resources, Sequence-Dependent Setup Times and Release Date Constraints. IEEE Access, 2019, 7, 171533-171547.	2.6	18
756	Bibliometric analysis for highly cited papers in operations research and management science from 2008 to 2017 based on Essential Science Indicators. Omega, 2019, 88, 223-236.	3.6	81
757	Energy-Aware Production Scheduling in Flow Shop and Job Shop Environments Using a Multi-Objective Genetic Algorithm. EMJ - Engineering Management Journal, 2019, 31, 82-97.	1.4	8
759	Using high performance computing for unrelated parallel machine scheduling with sequence-dependent setup times: Development and computational evaluation of a parallel branch-and-price algorithm. Computers and Operations Research, 2019, 104, 338-357.	2.4	15

#	ARTICLE	IF	CITATIONS
760	Traveling Salesman Problem With a Drone Station. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 42-52.	5.9	163
761	A worker constrained flexible job shop scheduling problem with sequence-dependent setup times. OR Spectrum, 2019, 41, 179-217.	2.1	39
762	Hierarchy machine set-up for multi-pass lot scheduling at semiconductor assembly and test facilities. International Journal of Production Research, 2019, 57, 4351-4370.	4.9	5
763	A hybrid heuristic approach to minimize number of tardy jobs in group technology systems. International Transactions in Operational Research, 2019, 26, 1847-1867.	1.8	7
764	Uncertain mean-variance model for dynamic project portfolio selection problem with divisibility. Fuzzy Optimization and Decision Making, 2019, 18, 37-56.	3.4	29
765	Analysis of stochastic local search methods for the unrelated parallel machine scheduling problem. International Transactions in Operational Research, 2019, 26, 707-724.	1.8	33
766	Minimizing the total waiting time of intermediate products in a manufacturing process. International Transactions in Operational Research, 2019, 26, 1096-1117.	1.8	7
767	Two-stage no-wait hybrid flow-shop scheduling with sequence-dependent setup times. International Journal of Systems Science: Operations and Logistics, 2020, 7, 291-307.	2.0	7
768	Evolving ant colony system for large-sized integrated process planning and scheduling problem considering sequence-dependent setup times. Flexible Services and Manufacturing Journal, 2020, 32, 523-560.	1.9	7
769	A dynamic differential evolution algorithm for the dynamic single-machine scheduling problem with sequence-dependent setup times. Journal of the Operational Research Society, 2020, 71, 225-236.	2.1	8
770	Modeling and solving for bi-objective cutting parallel machine scheduling problem. Annals of Operations Research, 2020, 285, 223-245.	2.6	9
771	Optimizing the production schedule of an agricultural cooperative: a case study. Engineering Optimization, 2020, 52, 252-270.	1.5	1
772	Scheduling a dual-resource flexible job shop with makespan and due date-related criteria. Annals of Operations Research, 2020, 291, 5-35.	2.6	28
773	Rolling horizon production scheduling of multi-model PCBs for several assembly lines. International Journal of Production Research, 2020, 58, 1052-1073.	4.9	11
774	Tabu search and particle swarm optimization algorithms for two identical parallel machines scheduling problem with a single server. Journal of King Saud University, Engineering Sciences, 2020, 32, 330-338.	1.2	19
775	Lot-size scheduling of a single product on unrelated parallel machines. Optimization Letters, 2020, 14, 557-568.	0.9	1
776	Branch-cut-and-price for scheduling deliveries with time windows in a direct shipping network. Journal of Scheduling, 2020, 23, 363-377.	1.3	6
777	Effective IG heuristics for a single-machine scheduling problem with family setups and resource constraints. Annals of Mathematics and Artificial Intelligence, 2020, 88, 169-185.	0.9	7

#	ARTICLE	IF	CITATIONS
778	A genetic algorithm for scheduling open shops with sequence-dependent setup times. Computers and Operations Research, 2020, 113, 104793.	2.4	58
779	Computer vision system for workpiece referencing in three-axis machining centers. International Journal of Advanced Manufacturing Technology, 2020, 106, 2007-2020.	1.5	19
780	Shop-floor scheduling as a competitive advantage: A study on the relevance of cyber-physical systems in different manufacturing contexts. International Journal of Production Economics, 2020, 224, 107555.	5.1	20
781	Heuristics for concurrent task scheduling on GPUs. Concurrency Computation Practice and Experience, 2020, 32, e5571.	1.4	1
783	Green scheduling optimization of ship plane block flow line considering carbon emission and noise. Computers and Industrial Engineering, 2020, 148, 106680.	3.4	10
784	Modified Harris Hawks Optimizer for Solving Machine Scheduling Problems. Symmetry, 2020, 12, 1460.	1.1	27
785	Structural properties and algorithms for earliness and tardiness scheduling against common due dates and windows: A review. Computers and Industrial Engineering, 2020, 149, 106803.	3.4	31
786	Reclaimer Scheduling in Dry Bulk Terminals. IEEE Access, 2020, 8, 96294-96303.	2.6	6
787	A comparative study of solution representations for the unrelated machines environment. Computers and Operations Research, 2020, 123, 105005.	2.4	9
788	An ACO algorithm for scheduling a flow shop with setup times. International Journal of Industrial and Systems Engineering, 2020, 36, 98.	0.1	0
789	A review of job shop scheduling problems in multi-factories. International Journal of Operational Research, 2020, 38, 147.	0.1	5
790	A unified view on planning, scheduling and dispatching for a factory. Advanced Engineering Informatics, 2020, 46, 101188.	4.0	5
791	Energy-efficient scheduling of a single batch processing machine with dynamic job arrival times. Energy, 2020, 209, 118420.	4.5	27
792	On competitive analysis for polling systems. Naval Research Logistics, 2020, 67, 404-419.	1.4	2
793	A Systematic Review of Hyper-Heuristics on Combinatorial Optimization Problems. IEEE Access, 2020, 8, 128068-128095.	2.6	38
794	Managing sequence-dependent setup times - The target conflict between output rate, WIP and fluctuating throughput times for setup cycles. Production Planning and Control, 2022, 33, 84-100.	5.8	5
795	Consideration of processing time dissimilarity in batch-cyclic scheduling of flowshop cells. International Journal of Production Research, 2021, 59, 6544-6563.	4.9	4
796	Alternative Representations for Codifying Solutions in Permutation-Based Problems. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
797	An Enhanced Differential Evolution Algorithm with Fast Evaluating Strategies for TWT-NFSP with SSTs and RTs. Complexity, 2020, 2020, 1-11.	0.9	1
798	Mapping the variations for implementing information security controls to their operational research solutions. Information Systems and E-Business Management, 2020, 18, 157-186.	2.2	4
799	Robotic Process Automation (RPA) Using an Integer Linear Programming Formulation. Cybernetics and Systems, 2020, 51, 357-369.	1.6	8
800	AP-Assisted Online Task Assignment Algorithms for Mobile Crowdsensing. Mobile Networks and Applications, 2020, 25, 1694-1707.	2.2	3
801	Biased random-key genetic algorithm for scheduling identical parallel machines with tooling constraints. European Journal of Operational Research, 2020, 285, 955-964.	3.5	28
802	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities. Journal of Scheduling, 2020, 23, 431-449.	1.3	2
803	A linearisation approach to the stochastic dynamic capacitated lotsizing problem with sequence-dependent changeovers. International Journal of Production Research, 2020, 58, 4980-5005.	4.9	11
804	Single machine campaign planning under sequence dependent family setups and co-production. Journal of the Operational Research Society, 2020, , 1-21.	2.1	2
805	Near-linear-time approximation algorithms for scheduling a batch-processing machine with setups and job rejection. Journal of Scheduling, 2020, 23, 525-538.	1.3	2
806	Energy-saving policies for temperature-controlled production systems with state-dependent setup times and costs. European Journal of Operational Research, 2020, 287, 916-928.	3.5	2
807	Nature-Inspired Methods for Metaheuristics Optimization. Modeling and Optimization in Science and Technologies, 2020, , .	0.7	12
808	Hybrid flow shop with multiple servers: A computational evaluation and efficient divide-and-conquer heuristics. Expert Systems With Applications, 2020, 153, 113462.	4.4	5
809	Transients in flexible manufacturing systems with setups and batch operations: Modeling, analysis, and design. IISE Transactions, 2021, 53, 523-540.	1.6	7
810	Transient Analysis of Multiproduct Bernoulli Serial Lines With Setups. IEEE Transactions on Automation Science and Engineering, 2021, 18, 135-150.	3.4	9
811	Heuristics for the mixed no-idle flowshop with sequence-dependent setup times. Journal of the Operational Research Society, 2021, 72, 417-443.	2.1	10
812	Optimal unrestricted dynamic stochastic scheduling with partial losses of work due to breakdowns. Annals of Operations Research, 2021, 298, 43-64.	2.6	2
813	Exact method for the two-machine flow-shop problem with time delays. Annals of Operations Research, 2021, 298, 375-406.	2.6	2
814	Customer order scheduling problem to minimize makespan with sequence-dependent setup times. Computers and Industrial Engineering, 2021, 151, 106962.	3.4	7

#	ARTICLE	IF	CITATIONS
815	Production planning and scheduling in multi-factory production networks: a systematic literature review. <i>International Journal of Production Research</i> , 2021, 59, 2028-2054.	4.9	61
816	Interdependent integrated network design and scheduling problems with movement of machines. <i>European Journal of Operational Research</i> , 2021, 289, 297-327.	3.5	9
817	Effective constructive heuristics and discrete bee colony optimization for distributed flowshop with setup times. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 97, 104016.	4.3	89
818	Runway scheduling during winter operations. <i>Omega</i> , 2021, 102, 102325.	3.6	11
819	Genetic algorithm with initial sequence for parallel machines scheduling with sequence dependent setup times based on earliness- tardiness. <i>Journal of Industrial and Production Engineering</i> , 2021, 38, 18-28.	2.1	8
820	A computational optimization method for scheduling resource-constraint sequence-dependent changeovers on multi-machine production lines. <i>Expert Systems With Applications</i> , 2021, 168, 114265.	4.4	2
821	The single machine scheduling problem with setup times under an extension of the general learning and forgetting effects. <i>Optimization Letters</i> , 2021, 15, 1327-1343.	0.9	15
822	Single-Machine Order Acceptance and Scheduling Problem Considering Setup Time and Release Date Relations. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1549-1559.	1.7	2
823	Mathematical formulations for scheduling jobs on identical parallel machines with family setup times and total weighted completion time minimization. <i>European Journal of Operational Research</i> , 2021, 289, 825-840.	3.5	18
824	Smart Make-to-Order Production in a Flow Shop Environment for Industry 4.0. , 2021, , 955-982.		0
825	Minimum Scan Cover with Angular Transition Costs. <i>SIAM Journal on Discrete Mathematics</i> , 2021, 35, 1337-1355.	0.4	0
826	An Evolutionary Variable Neighbourhood Search for the Unrelated Parallel Machine Scheduling Problem. <i>IEEE Access</i> , 2021, 9, 42857-42867.	2.6	3
827	Scheduling with position-dependent weights, due-date assignment and past-sequence-dependent setup times. <i>RAIRO - Operations Research</i> , 2021, 55, S2747-S2758.	1.0	8
828	A Hybrid Genetic Algorithm for Flexible Job Shop Scheduling Problem With Sequence-Dependent Setup Times and Job Lag Times. <i>IEEE Access</i> , 2021, 9, 104864-104873.	2.6	17
829	A hyper-heuristic selector algorithm for cloud computing scheduling based on workflow features. <i>Opsearch</i> , 2021, 58, 852-868.	1.1	3
830	Modified Harmony Search Algorithm for Resource-Constrained Parallel Machine Scheduling Problem with Release Dates and Sequence-Dependent Setup Times. <i>Processes</i> , 2021, 9, 654.	1.3	6
831	A Privacy-Enhanced and Personalized Safe Route Planner with Crowdsourced Data and Computation. , 2021, , .		8
832	Task Scheduling in Cloud Computing based on Meta-heuristics: Review, Taxonomy, Open Challenges, and Future Trends. <i>Swarm and Evolutionary Computation</i> , 2021, 62, 100841.	4.5	163

#	ARTICLE	IF	CITATIONS
833	Enhanced Load Balancing Approach for Cloud Data Center Load Optimization. Journal of Computational and Theoretical Nanoscience, 2021, 18, 1270-1274.	0.4	0
834	Two-machine open shop problem with a single server and set-up time considerations. Theoretical Computer Science, 2021, 867, 13-29.	0.5	3
835	Cost functions are nonconvex in the outputs when the technology is nonconvex: convexification is not harmless. Annals of Operations Research, 2021, 305, 81-106.	2.6	16
836	Profitability of a multi-model manufacturing line versus multiple dedicated lines. International Journal of Production Economics, 2021, 236, 108113.	5.1	7
837	Logic-based Benders decomposition method for the seru scheduling problem with sequence-dependent setup time and DeJong's learning effect. European Journal of Operational Research, 2022, 297, 866-877.	3.5	39
838	Enhanced salp swarm algorithm based on firefly algorithm for unrelated parallel machine scheduling with setup times. Applied Mathematical Modelling, 2021, 94, 285-305.	2.2	46
839	Constraint based local search for flowshops with sequence-dependent setup times. Engineering Applications of Artificial Intelligence, 2021, 102, 104264.	4.3	2
840	A parallel randomized approximation algorithm for non-preemptive single machine scheduling with release dates and delivery times. Computers and Operations Research, 2021, 130, 105238.	2.4	1
841	Planning Production and Equipment Qualification under High Process Flexibility. Production and Operations Management, 2021, 30, 3369.	2.1	4
842	Heuristics and iterated greedy algorithms for the distributed mixed no-idle flowshop with sequence-dependent setup times. Computers and Industrial Engineering, 2021, 157, 107337.	3.4	21
843	Dynamic Repair Scheduling for Transmission Systems Based on Look-Ahead Strategy Approximation. IEEE Transactions on Power Systems, 2021, 36, 2918-2933.	4.6	7
844	Dye Schedule Optimization: A Case Study in a Textile Industry. Applied Sciences (Switzerland), 2021, 11, 6467.	1.3	3
845	Empowering the configuration-IP: new PTAS results for scheduling with setup times. Mathematical Programming, 2022, 195, 367-401.	1.6	5
846	Single machine batch scheduling with non-increasing time slot costs. Optimization Letters, 2022, 16, 1817-1833.	0.9	1
847	Minimizing the makespan on a single machine subject to modular setups. Journal of Scheduling, 0, , 1.	1.3	1
848	Genetic programming-based hyper-heuristic approach for solving dynamic job shop scheduling problem with extended technical precedence constraints. Computers and Operations Research, 2021, 134, 105401.	2.4	24
849	Scheduling Jobs on Unrelated Machines with Job Splitting and Setup Resource Constraints for Weaving in Textile Manufacturing. IFIP Advances in Information and Communication Technology, 2021, , 424-434.	0.5	1
850	Taming the State-space Explosion in the Makespan Optimization of Flexible Manufacturing Systems. ACM Transactions on Cyber-Physical Systems, 2021, 5, 1-26.	1.9	7

#	ARTICLE	IF	CITATIONS
851	Integrated Scheduling of Tasks and Preventive Maintenance Periods in a Parallel Machine Environment With Single Robot Server. IEEE Access, 2021, 9, 74454-74470.	2.6	5
852	Autonomous Decision Policies for Networks of Production Systems. , 2012, , 235-263.		4
853	A Case Study: Ceramic Tile Production. , 2014, , 371-395.		2
854	Scheduling Unrelated Parallel Machines with Sequence Dependent Setup Times and Weighted Earlinessâ€Tardiness Minimization. Springer Optimization and Its Applications, 2012, , 67-90.	0.6	3
855	Scheduling of Mobile Robots Using Constraint Programming. Lecture Notes in Computer Science, 2019, , 456-471.	1.0	2
856	Non-overlapping Sequence-Dependent Setup Scheduling with Dedicated Tasks. Communications in Computer and Information Science, 2020, , 23-46.	0.4	1
858	Strong LP Formulations for Scheduling Splittable Jobs on Unrelated Machines. Lecture Notes in Computer Science, 2014, , 249-260.	1.0	3
860	The Unary Resource with Transition Times. Lecture Notes in Computer Science, 2015, , 89-104.	1.0	5
861	Tabu Search Approaches for Two Car Sequencing Problems with Smoothing Constraints. Operations Research/ Computer Science Interfaces Series, 2016, , 167-190.	0.3	9
862	Efficient Filtering for the Unary Resource with Family-Based Transition Times. Lecture Notes in Computer Science, 2016, , 520-535.	1.0	1
864	Scheduling Data Gathering with Maximum Lateness Objective. Lecture Notes in Computer Science, 2018, , 135-144.	1.0	6
865	Energy-Efficient Single Machine Total Weighted Tardiness Problem with Sequence-Dependent Setup Times. Lecture Notes in Computer Science, 2018, , 746-758.	1.0	7
866	A Review on the Application of Hybrid Artificial Intelligence Systems to Optimization Problems in Operations Management. Lecture Notes in Computer Science, 2009, , 360-367.	1.0	4
867	Solving a Video-Server Load Re-Balancing Problem by Mixed Integer Programming and Hybrid Variable Neighborhood Search. Lecture Notes in Computer Science, 2009, , 84-99.	1.0	2
868	An Adaptive Genetic Algorithm to the Single Machine Scheduling Problem with Earliness and Tardiness Penalties. Lecture Notes in Computer Science, 2010, , 203-212.	1.0	3
869	Hybrid GA-Based Improvement Heuristic with Makespan Criterion for Flow-Shop Scheduling Problems. Communications in Computer and Information Science, 2011, , 11-18.	0.4	2
870	Hybrid Differential Evolution Optimization for No-Wait Flow-Shop Scheduling with Sequence-Dependent Setup Times and Release Dates. Lecture Notes in Computer Science, 2011, , 600-611.	1.0	11
871	Improved Approximation Algorithms for Routing Shop Scheduling. Lecture Notes in Computer Science, 2011, , 30-39.	1.0	3

#	ARTICLE	IF	CITATIONS
873	A Differential Evolution Approach for NTJ-NFSSP with SDSTs and RDs. Lecture Notes in Computer Science, 2012, , 288-299.	1.0	2
874	Throughput Optimization for Pipeline Workflow Scheduling with Setup Times. Lecture Notes in Computer Science, 2013, , 57-67.	1.0	3
876	Complexity on Parallel Machine Scheduling: A Review. Lecture Notes in Mechanical Engineering, 2012, , 373-381.	0.3	5
877	Sunflow. , 2016, , .		36
878	An Effective Markov Random Fields based Estimation of Distribution Algorithm and Scheduling of Flexible Job Shop Problem. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 796-805.	0.1	4
879	Modelos integrados de dimensionamento e sequenciamento da produÃ§Ã£o: aplicaÃ§Ã£o em uma fÃ¡brica de cimento para refratÃ¡rio. GestÃ£o & ProduÃ§Ã£o, 2016, 23, 204-218.	0.5	4
880	Scheduling Aluminum Billet Casting Lines: A Case Study. Journal of Industrial and Intelligent Information, 2016, , .	0.1	1
881	Demand-Driven Task-Scheduling in a Nursing Home Setting: A Genetic Algorithm Approach. SSRN Electronic Journal, 0, , .	0.4	3
882	Jit Scheduling Problem on Flexible Flow Shop with Machine Break Down, Machine Eligibility and Setup Times. Journal of Mathematics and Computer Science, 2016, 16, 50-68.	0.5	3
883	THE PRIORITISATION OF PRODUCTION ORDERS UNDER THE BEE COLONY ALGORITHM. Advances in Manufacturing Science and Technology, 2013, 37, .	0.3	1
884	Autonome Produktionssteuerung bei zentraler Produktionsplanung. ZWF Zeitschrift Fuer Wirtschaftlichen Fabrikbetrieb, 2013, 108, 992-994.	0.2	2
885	Plastics Manufacturing Systems Engineering. , 2009, , .		6
887	A Variable Neighborhood Search for Hybrid Flexible Flowshops with Setup Times Minimizing Total Completion Time. Journal of Applied Sciences, 2008, 8, 2843-2850.	0.1	5
888	The General Flowshop Scheduling Problem: Mathematical Models. Journal of Applied Sciences, 2008, 8, 3032-3037.	0.1	6
889	Hybrid Electromagnetism-Like Algorithm for the Flowshop Scheduling with Sequence-Dependent Setup Times. Journal of Applied Sciences, 2008, 8, 3621-3629.	0.1	9
890	A survey of single machine scheduling to minimize weighted number of tardy jobs. Journal of Industrial and Management Optimization, 2014, 10, 219-241.	0.8	40
891	Minimizing the weighted number of tardy jobs on multiple machines: A review. Journal of Industrial and Management Optimization, 2016, 12, 1465-1493.	0.8	3
892	Mixed integer programming model for scheduling in unrelated parallel processor system with priority consideration. Numerical Algebra, Control and Optimization, 2014, 4, 115-132.	1.0	1

#	ARTICLE	IF	CITATIONS
893	A Fuzzy Decision Support Model for Natural Disaster Response under Informational Uncertainty. International Journal of Information Systems for Crisis Response and Management, 2012, 4, 23-41.	0.7	6
894	Minimizaci3n de la tardanza para el flowshop flexible con setup utilizando heur3sticas constructivas y un algoritmo gen3tico. Ingeniare, 2012, 20, 89-98.	0.1	4
895	No-Wait Flowshops to Minimize Total Tardiness with Setup Times. Intelligent Control and Automation, 2015, 06, 38-44.	1.0	13
896	A New Multi-objective Job Shop Scheduling with Setup Times Using a Hybrid Genetic Algorithm. International Journal of Engineering, Transactions B: Applications, 2013, 26, 207-218.	0.6	5
897	Non-Identical Parallel Machine Scheduling with Sequence and Machine Dependent Setup Times Using Meta-Heuristic Algorithms. Industrial Engineering and Management Systems, 2012, 11, 114-122.	0.3	9
898	Heuristics for Non-Identical Parallel Machine Scheduling with Sequence Dependent Setup Times. Journal of Korean Institute of Industrial Engineers, 2014, 40, 305-312.	0.1	2
899	Three-Machine Flowshop Scheduling Problem to Minimize Total Completion Time with Bounded Setup and Processing Times. Decision Making in Manufacturing and Services, 2013, 1, 5-23.	0.2	4
900	A Unifying Graph-Coloring Approach for Intersection Control in a Connected and Automated Vehicle Environment. SSRN Electronic Journal, 0, , .	0.4	2
901	Answer-Set Programming for Lexicographical Makespan Optimisation in Parallel Machine Scheduling. , 2021, , .		6
902	A differential evolution algorithm for the customer order scheduling problem with sequence-dependent setup times. Expert Systems With Applications, 2022, 189, 116097.	4.4	11
903	Scheduling with Setup Considerations: An MIP Approach. , 0, , .		0
904	Supply Chain Management Under Uncertainties: Lot-sizing and Scheduling Rules. Springer Series in Advanced Manufacturing, 2010, , 181-220.	0.2	0
905	Scheduling in MRI Scans processing. Embedded Systems, 2010, , 227-243.	0.6	0
906	Scheduling Methods for Hybrid Flow Shops with Setup Times. , 0, , .		2
907	Logistic Systems with Multiple Autonomous Control Strategies. , 2011, , 97-111.		0
908	Developing a Computerized Scheduling System for the Steelmakingâ€œContinuous Casting Process. Profiles in Operations Research, 2011, , 461-488.	0.3	2
910	DynaMOC: A Multiagent System for Coordination of Mobile Teams Based on Dynamic Overlapping Coalitions. Studies in Computational Intelligence, 2011, , 303-308.	0.7	0
911	Potentials and Limitations of Autonomously Controlled Production Systems. , 2011, , 131-147.		2

#	ARTICLE	IF	CITATIONS
912	Scalability Effects in Modeling Autonomously Controlled Logistic Processes: Challenges and Solutions in Business Process Modeling. , 2011, , 149-168.		0
913	An Approach for Designing Expert Agent Based on Mathematical Programming Model. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2011, 97, 341-346.	0.1	1
914	Aplicaci3n de un algoritmo ACO al problema de taller de flujo de permutaci3n con tiempos de preparaci3n dependientes de la secuencia y minimizaci3n de makespan. Ingeniare, 2011, 19, 253-264.	0.1	0
915	Hybrid Metaheuristics for the Unrelated Parallel Machine Scheduling to Minimize Makespan and Maximum Just-in-Time Deviations. International Journal of Advanced Research in Artificial Intelligence, 2012, 1, .	0.2	0
916	Online Flow Time Scheduling in the Presence of Preemption Overhead. Lecture Notes in Computer Science, 2012, , 85-97.	1.0	1
917	Query Processing in Distributed Data Warehouse using Proposed Dynamic Task Dependency Scheduling Algorithm. International Journal of Computer Applications, 2012, 55, 16-22.	0.2	3
918	Analytical Modeling for the Strategic Design of Service Systems. International Journal of Strategic Information Technology and Applications, 2012, 3, 1-15.	0.6	0
920	The Multiple Batch Processing Machine Problem with Stage Specific Incompatible Job Families. Lecture Notes in Logistics, 2013, , 113-124.	0.6	1
921	Job Block Scheduling with Dual Criteria and Sequence-Dependent Setup Time Involving Transportation Times. Advances in Intelligent Systems and Computing, 2014, , 321-329.	0.5	0
922	Estudo da influ3ncia da programa3o do primeiro est3gio em flow shop h3bridos com tempos de setup expl3citos. Exacta, 2013, 11, 149-160.	0.1	0
924	Metaheuristics for Solving a Hybrid Flexible Flowshop Problem with Sequence-Dependent Setup Times. Lecture Notes in Computer Science, 2014, , 9-25.	1.0	0
925	Scheduling Constraints. , 2014, , 75-99.		0
926	A Linear Programming Approach for Parallel Cell Scheduling with Sequence-Dependent Setup Times. American Journal of Operations Research, 2014, 04, 155-163.	0.2	0
927	Operations scheduling in building tunnels of mining projects. Bolet3n De Ciencias De La Tierra, 2014, , 26-32.	0.1	0
928	Parallel Machine Scheduling with Identical Jobs and Sequence-Independent Setup Times. Journal of the Korean Operations Research and Management Science Society, 2014, 39, 83-91.	0.1	0
929	QoS Oriented Enhancement based on the Analysis of Dynamic Job Scheduling in HPC. International Journal of Grid and High Performance Computing, 2014, 6, 28-45.	0.7	3
930	Routing Flow-Shop with Buffers and Ready Times " Comparison of Selected Solution Algorithms. Management and Production Engineering Review, 2014, 5, 26-35.	1.4	1
931	MULTICRITERIA HYBRID FLOW SHOP SCHEDULING PROBLEM: LITERATURE REVIEW, ANALYSIS, AND FUTURE RESEARCH. Independent Journal of Management & Production, 2014, 5, .	0.1	1

#	ARTICLE	IF	CITATIONS
932	Simulación del comportamiento de estrategias de resolución para el ELSP en diferentes escenarios de complejidad en función del número de artículos y el nivel de utilización. WPOM: Working Papers on Operations Management, 2014, 5, 15.	0.7	0
933	Single Machine Scheduling for Minimizing Earliness/Tardiness Penalties with Sequence-Dependent Setup Times. Ecoproduction, 2015, , 265-278.	0.8	0
935	Software Implementation of Several Production Scheduling Algorithms. , 2015, , .		0
936	An Exact and a Hybrid Approach for a Machine Scheduling Problem with Job Splitting. CIM Series in Mathematical Sciences, 2015, , 191-212.	0.4	0
937	Advanced Single Machine Models (Deterministic). , 2016, , 71-111.		0
938	QoS Oriented Enhancement based on the Analysis of Dynamic Job Scheduling in HPC. , 2016, , 1800-1817.		0
939	Mathematical Models. , 2016, , 43-87.		0
940	Integrating Sequencing and Scheduling: A Generic Approach with Two Exemplary Industrial Applications. Lecture Notes in Computer Science, 2016, , 330-351.	1.0	0
941	Scheduling of Jobs in the Continuous Casting Stage of Steel Production. SSRN Electronic Journal, 0, , .	0.4	0
942	Modeling a Real Cable Production System as a Single Machine-Scheduling Problem. Advances in Computational Intelligence and Robotics Book Series, 2016, , 327-345.	0.4	0
943	Non-preemptive Scheduling with Setup Times: A PTAS. Lecture Notes in Computer Science, 2016, , 159-170.	1.0	3
944	Branch and Bound Method to Solve Multi Objectives Function. Journal of Advances in Mathematics, 2016, 12, 5964-5974.	0.1	0
945	Solving Scheduling Problems with Genetic Algorithms Using a Priority Encoding Scheme. Lecture Notes in Computer Science, 2017, , 52-61.	1.0	0
946	Total Setup Time Minimisation in Production Scheduling with Alternatives. Lecture Notes in Computer Science, 2017, , 11-23.	1.0	0
947	Multiple-stage multiple-machine capacitated lot-sizing and scheduling with sequence-dependent setup: A case study in the wheel industry. Journal of Industrial and Management Optimization, 2017, 13, 413-428.	0.8	1
948	Information Technologies and Analytical Models for Strategic Design of Transportation Infrastructure. Advances in Business Information Systems and Analytics Book Series, 2017, , 300-321.	0.3	0
949	Collaboration Patterns at Scheduling in 10 Years. Lecture Notes in Computer Science, 2017, , 236-243.	1.0	0
950	Data Throughput Optimization for Vehicle to Infrastructure Communications. AIRO Springer Series, 2018, , 93-101.	0.4	0

#	ARTICLE	IF	CITATIONS
951	Crowdsourcing Task Scheduling in Mobile Social Networks. Lecture Notes in Computer Science, 2018, , 317-331.	1.0	5
952	A Simulation-Optimization Approach for the Production of Components for a Pharmaceutical Company. Advances in Logistics, Operations, and Management Science Book Series, 2018, , 269-283.	0.3	1
953	Non-clairvoyant Scheduling to Minimize Max Flow Time on a Machine with Setup Times. Lecture Notes in Computer Science, 2018, , 207-222.	1.0	0
954	Exact Solution of One Production Scheduling Problem. Communications in Computer and Information Science, 2018, , 56-67.	0.4	0
955	Um estudo computacional de novas regras de prioridade para flow shop com tempos de setup e diferentes datas de liberaç�o. Revista Produç�o Online, 2018, 18, 207-237.	0.1	0
957	A Scheduling Theory Framework for GPU Tasks Efficient Execution. Lecture Notes in Computer Science, 2019, , 146-159.	1.0	0
958	Complexity and Approximation Results for Setup-Minimal Batch Scheduling with Deadlines on a Single Processor. Operations Research Proceedings: Papers of the Annual Meeting = Vortr�ge Der Jahrestagung / DGOR, 2019, , 475-480.	0.1	0
959	Smart Make-to-Order Production in a Flow Shop Environment for Industry 4.0. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 210-243.	0.3	0
960	Solution Approach for Solving Multi-Objective Single-Machine Problem with Sequence-Dependent Setup Times and Setup Costs. Industrial Engineering and Management Systems, 2019, 18, 735-747.	0.3	1
961	Applying Dynamic Programming to Test Case Scheduling for Automated Production Systems. Communications in Computer and Information Science, 2020, , 3-20.	0.4	2
962	Two-step approach for scheduling jobs to non-related parallel machines with sequence dependent setup times applying job splitting. Computers and Industrial Engineering, 2020, 145, 106500.	3.4	3
963	Optimizing distributed no-wait flow shop scheduling problem with setup times and maintenance operations via iterated greedy algorithm. Journal of Manufacturing Systems, 2021, 61, 592-612.	7.6	15
964	Decomposition based multiobjective evolutionary algorithm with adaptive resource allocation for energy-aware welding shop scheduling problem. Computers and Industrial Engineering, 2021, 162, 107778.	3.4	9
965	Approximating Weighted Completion Time for Order Scheduling with Setup Times. Lecture Notes in Computer Science, 2020, , 88-100.	1.0	1
966	RESTRICTED ENUMERATION AND MACHINE GROUPING BASED APPROACH FOR HYBRID FLEXIBLE FLOW SHOP SCHEDULING PROBLEMS WITH SEQUENCE-DEPENDENT SETUP TIMES. Journal of Industrial Engineering (Turkish Chamber of Mechanical Engineers), 2020, 31, 337-352.	0.1	2
967	Island-based Modified Harmony Search Algorithm with Neighboring Heuristics Methods for Flow Shop Scheduling with Blocking. , 2020, , .		1
968	D�NAMAK ORTAMDA EKSAK OPERASYONLAR H�BR�T AKI�Z T�P� �ZELGELEME PROBLEM� ��N SEZG�SEL YAKLA�IM Erciyes �cniversitesi �ktisadi Ve �dari Bilimler Fak�ltesi Dergisi, 2020, , 436-450.	0.1	0
969	A Lexicographic Bi-objective Scheduling Problem From Steel Production Systems. IFAC-PapersOnLine, 2020, 53, 158-163.	0.5	4

#	ARTICLE	IF	CITATIONS
970	Scheduling of Jobs on Dissimilar Parallel Machine Using Computational Intelligence Algorithms. Modeling and Optimization in Science and Technologies, 2020, , 441-464.	0.7	4
971	A Hybrid Algorithm for Optimized Resource Allocation under Constrained Task Schedule. , 2020, , .		4
972	Semiconductor final-test scheduling under setup operator constraints. Computers and Operations Research, 2022, 138, 105619.	2.4	7
973	Alternative Heuristic Algorithm for Flow Shop Scheduling Problem. Advances in Logistics, Operations, and Management Science Book Series, 0, , 277-297.	0.3	1
974	Advanced Planning and Scheduling Based on the Constraint Theory and Improved Tabu Search Algorithm. Recent Patents on Engineering, 2020, 14, 221-228.	0.3	1
975	Heuristic Algorithms for a New and Practical Wire Rod and Bar Rolling Scheduling Problem. , 2021, , .		0
976	Uniform Parallel Machine Scheduling with Sequence Dependent Setup Times: A Randomized Heuristic. Lecture Notes in Mechanical Engineering, 2022, , 812-825.	0.3	0
977	Branch-and-price approach for robust parallel machine scheduling with sequence-dependent setup times. European Journal of Operational Research, 2022, 301, 875-895.	3.5	7
978	Advanced discrete firefly algorithm with adaptive mutationâ€based neighborhood search for scheduling unrelated parallel machines with sequenceâ€dependent setup times. International Journal of Intelligent Systems, 2022, 37, 4612-4653.	3.3	7
979	A large neighborhood search approach for the paint shop scheduling problem. Journal of Scheduling, 0, , 1.	1.3	2
980	Tabu Search Based Hybrid Meta-Heuristic Approaches for Schedule-Based Production Cost Minimization Problem for the Case of Cable Manufacturing Systems. Informatica, 2022, , 499-522.	1.5	15
981	A review of green shop scheduling problem. Information Sciences, 2022, 589, 478-496.	4.0	44
982	Hybrid tabu search algorithm for unrelated parallel machine scheduling in semiconductor fabs with setup times, job release, and expired times. Computers and Industrial Engineering, 2022, 165, 107915.	3.4	10
983	A New Bi-Objective Batch Scheduling Problem: NSGA-II-and-Local-Search-Based Memetic Algorithms. , 2020, , .		5
984	Solving Open Shop Scheduling Problem via Graph Attention Neural Network. , 2020, , .		7
985	A survey of job shop scheduling problem: The types and models. Computers and Operations Research, 2022, 142, 105731.	2.4	66
986	A parameter-Less iterated greedy method for the hybrid flowshop scheduling problem with setup times and due date windows. European Journal of Operational Research, 2022, 303, 99-113.	3.5	28
987	Permutation flow shop energy-efficient scheduling with a position-based learning effect. International Journal of Production Research, 2023, 61, 382-409.	4.9	13

#	ARTICLE	IF	CITATIONS
988	Due date assignment scheduling with positional-dependent weights and proportional setup times. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 5104-5119.	1.0	9
989	Scheduling wine bottling operations with multiple lines and sequence-dependent set-up times: Robust formulation and a decomposition solution approach. <i>European Journal of Operational Research</i> , 2022, 303, 819-839.	3.5	3
990	A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times. <i>Computers and Industrial Engineering</i> , 2022, 168, 108128.	3.4	13
991	Exact and heuristic algorithms for the parallel machine total completion time scheduling problem with dual resources, ready times, and sequence-dependent setup times. <i>Computers and Operations Research</i> , 2022, 143, 105787.	2.4	10
993	A Novel Multi-Population Artificial Bee Colony Algorithm for Energy-Efficient Hybrid Flow Shop Scheduling Problem. <i>Symmetry</i> , 2021, 13, 2421.	1.1	16
994	Research on green single machine scheduling based on improved ant colony algorithm. <i>Measurement and Control</i> , 2022, 55, 35-48.	0.9	5
995	Exact and metaheuristic approaches for unrelated parallel machine scheduling. <i>Journal of Scheduling</i> , 2022, 25, 507-534.	1.3	17
996	S ¹ rd ¹ r ¹ lebilir ¹ ceretim ¹ zjelgeleme Problemlerinde ¹ nsan Fakt ¹ r ¹ . <i>Uluslararası Muhendislik Arastırma Ve Gelistirme Dergisi</i> , 2021, 13, 130-136.	0.1	2
997	An efficient model-based branch-and-price algorithm for unrelated-parallel machine batching and scheduling problems. <i>Journal of Scheduling</i> , 2022, 25, 589-621.	1.3	1
998	Investigating two variants of the sequence-dependent robotic assembly line balancing problem by means of a split-based approach. <i>International Journal of Production Research</i> , 2023, 61, 2322-2338.	4.9	2
999	A review on job scheduling technique in cloud computing and priority rule based intelligent framework. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 2309-2331.	2.7	14
1000	Scheduling with complete multipartite incompatibility graph on parallel machines: Complexity and algorithms. <i>Artificial Intelligence</i> , 2022, 309, 103711.	3.9	2
1005	Mathematical modeling and two metaheuristic algorithms for integrated process planning and group scheduling with sequence-dependent setup time. <i>Operational Research</i> , 2022, 22, 5055-5105.	1.3	1
1006	A three-step framework for capacity planning in a nursing home context. <i>Health Systems</i> , 2023, 12, 299-316.	0.9	1
1007	A hybrid genetic algorithm for parallel machine scheduling with setup times. <i>Journal of Intelligent Manufacturing</i> , 2022, 33, 2059-2073.	4.4	7
1008	An iterated greedy algorithm for distributed blocking flow shop with setup times and maintenance operations to minimize makespan. <i>Computers and Industrial Engineering</i> , 2022, 171, 108366.	3.4	17
1009	Graduation-inspired synchronization for industry 4.0 planning, scheduling, and execution. <i>Journal of Manufacturing Systems</i> , 2022, 64, 94-106.	7.6	7
1010	A mixed integer formulation and an efficient metaheuristic for the unrelated parallel machine scheduling problem: Total tardiness minimization. <i>EURO Journal on Computational Optimization</i> , 2022, 10, 10034.	1.5	1

#	ARTICLE	IF	CITATIONS
1011	Island neighboring heuristics harmony search algorithm for flow shop scheduling with blocking. Swarm and Evolutionary Computation, 2022, 74, 101127.	4.5	9
1012	Cluster based Online Task Assignment for Mobile Crowdsensing. , 2022, , .		0
1013	Heuristic and metaheuristic methods for the parallel unrelated machines scheduling problem: a survey. Artificial Intelligence Review, 2023, 56, 3181-3289.	9.7	17
1014	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers. Computers and Industrial Engineering, 2022, 172, 108586.	3.4	6
1015	Modeling and Solving the Flow-Shop Scheduling Problem with Sequence-Dependent Setup Times by Firefly Algorithm (Case Study: Automotive Industry). Discrete Dynamics in Nature and Society, 2022, 2022, 1-10.	0.5	1
1016	An iterative exact algorithm for the weighted fair sequences problem. Computers and Operations Research, 2022, 148, 106017.	2.4	1
1017	Introduction to the Packing and Cutting Problem. Engineering Applications of Computational Methods, 2022, , 1-14.	0.5	1
1018	A Matrix-Cube-Based Estimation of Distribution Algorithm for No-Wait Flow-Shop Scheduling With Sequence-Dependent Setup Times and Release Times. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 1492-1503.	5.9	9
1019	Discrete Salp Swarm Algorithm for Euclidean Travelling Salesman Problem. Applied Intelligence, 2023, 53, 11420-11438.	3.3	3
1020	Heuristics for the Hybrid Flow Shop Scheduling Problem with Sequence-Dependent Setup times. Mathematical Problems in Engineering, 2022, 2022, 1-16.	0.6	1
1021	Achieving sustainability through improvement in the textile wet process using particle swarm optimization and the tabu search algorithm. Textile Research Journal, 0, , 004051752211198.	1.1	0
1022	Simulation Study of Scheduling Heuristics for Parallel Machines with Sequence-Independent Setups. IFAC-PapersOnLine, 2022, 55, 526-531.	0.5	1
1023	Unrelated parallel machines scheduling with dependent setup times in textile industry. Computers and Industrial Engineering, 2022, 174, 108736.	3.4	11
1024	Minimum Scan Cover and Variants: Theory and Experiments. Journal of Experimental Algorithmics, 2022, 27, 1-28.	0.7	0
1025	Solutions methods for m-machine blocking flow shop with setup times and preventive maintenance costs to minimise hierarchical objective-function. International Journal of Production Research, 2023, 61, 6308-6335.	4.9	2
1026	A two-stage stochastic programming model for seaport berth and channel planning with uncertainties in ship arrival and handling times. Transportation Research, Part E: Logistics and Transportation Review, 2022, 167, 102919.	3.7	11
1027	Scheduling Ocean Color Observations for a GEO-Stationary Satellite. , 0, 26, 376-384.		6
1028	CEA-FJSP: Carbon emission-aware flexible job-shop scheduling based on deep reinforcement learning. Frontiers in Environmental Science, 0, 10, .	1.5	1

#	ARTICLE	IF	CITATIONS
1029	An iterated greedy algorithm for the planning of yarn dyeing boilers. International Transactions in Operational Research, 0, , .	1.8	1
1030	Approximations for many-visits multiple traveling salesman problems. Omega, 2023, 116, 102816.	3.6	3
1031	A GRASP for a real-world scheduling problem with unrelated parallel print machines and sequence-dependent setup times. International Journal of Production Research, 2023, 61, 7367-7385.	4.9	3
1032	A 3/2-Approximation for the Metric Many-Visits Path TSP. SIAM Journal on Discrete Mathematics, 2022, 36, 2995-3030.	0.4	1
1033	Quick dispatching-rules-based solution for the two parallel machines problem under mold constraints. Flexible Services and Manufacturing Journal, 2024, 36, 224-249.	1.9	2
1034	Cash holding management for self-financing phase-able and non-phase-able project portfolio selection and scheduling problems. Engineering Economist, 2023, 68, 82-98.	0.3	0
1035	Flowshop with additional resources during setups: Mathematical models and a GRASP algorithm. Computers and Operations Research, 2023, 154, 106192.	2.4	1
1036	Answer-Set Programming for Lexicographical Makespan Optimisation in Parallel Machine Scheduling. Theory and Practice of Logic Programming, 2023, 23, 1281-1306.	1.1	1
1037	Hierarchical Optimization of Scheduling Scheme for Mixed Helicopter Fleet in Disaster Relief. Arabian Journal for Science and Engineering, 2023, 48, 7195-7206.	1.7	1
1038	A genetic-simulated annealing algorithm for stochastic seru scheduling problem with deterioration and learning effect. Journal of Industrial and Production Engineering, 2023, 40, 205-222.	2.1	3
1039	Optimizing multi-objective problem with setup times. AIP Conference Proceedings, 2023, , .	0.3	0
1040	An exact branch-and-bound algorithm for seru scheduling problems with sequence-dependent setup time. Soft Computing, 2023, 27, 6415-6436.	2.1	6
1041	Setup improvement review and trend. International Journal of Lean Six Sigma, 2023, ahead-of-print, .	2.4	0
1042	Due date quoting and rescheduling in a fixed production sequence. International Journal of Production Research, 2024, 62, 1206-1220.	4.9	3
1043	Sequencing single machine multiple-class customer order jobs using heuristics and improved simulated annealing algorithms. RAIRO - Operations Research, 2023, 57, 1417-1441.	1.0	3
1059	Distributed Factory Disassembly Scheduling Problem. , 2023, , .		0
1060	System Overview. Engineering Applications of Computational Methods, 2023, , 1-4.	0.5	0
1061	Green Scheduling in Permutation Flow Shop Environment. Engineering Applications of Computational Methods, 2023, , 27-46.	0.5	0

#	ARTICLE	IF	CITATIONS
1063	Hierarchical production planning frameworks for multi product multi stage batch plants. , 2023, , .		0
1067	Single Machine Scheduling Problem with Multiple Preventive Maintenance Levels and Setup Times. , 2023, , .		0
1070	Improvement artificial bee colony meta-heuristic for solving manufacturing flow-shop scheduling problem under blocking constraint. , 2023, , .		0