

# Chengbin Chu

## List of Publications by Year in descending order

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197  
papers

7,420  
citations

57681

46  
h-index

78623

77  
g-index

200  
all docs

200  
docs citations

200  
times ranked

4145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint optimization of lot-sizing and pricing with backlogging. Computers and Industrial Engineering, 2022, 167, 107979.	3.4	8
2	Novel Formulations and Improved Differential Evolution Algorithm for Optimal Lane Reservation With Task Merging. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21329-21344.	4.7	9
3	Parallel machine scheduling with stochastic release times and processing times. International Journal of Production Research, 2021, 59, 6327-6346.	4.9	18
4	Service-oriented robust worker scheduling with motivation effects. International Journal of Production Research, 2021, 59, 2328-2351.	4.9	9
5	Matching and pricing in ride-sharing: Optimality, stability, and financial sustainability. Omega, 2021, 102, 102351.	3.6	23
6	A new DEA common-weight multi-criteria decision-making approach for technology selection. International Journal of Production Research, 2020, 58, 3686-3700.	4.9	21
7	DEA-based fixed cost allocation in two-stage systems: Leader-follower and satisfaction degree bargaining game approaches. Omega, 2020, 94, 102054.	3.6	47
8	The multi-plant perishable food production routing with packaging consideration. International Journal of Production Economics, 2020, 221, 107472.	5.1	28
9	Approximation Algorithms for Multitasking Scheduling Problems. IEEE Access, 2020, 8, 127530-127534.	2.6	0
10	Online leasing problem with price fluctuations and the second-hand transaction. Journal of Combinatorial Optimization, 2020, , 1.	0.8	4
11	Profit-oriented distributionally robust chance constrained flowshop scheduling considering credit risk. International Journal of Production Research, 2020, 58, 2527-2549.	4.9	11
12	Stochastic Runway Scheduling Problem With Partial Distribution Information of Random Parameters. IEEE Access, 2020, 8, 68460-68473.	2.6	6
13	An efficient three-level heuristic for the large-scaled multi-product production routing problem with outsourcing. European Journal of Operational Research, 2019, 272, 914-927.	3.5	43
14	Service-oriented robust parallel machine scheduling. International Journal of Production Research, 2019, 57, 3814-3830.	4.9	23
15	Owning or sharing autonomous vehicles: comparing different ownership and usage scenarios. European Transport Research Review, 2019, 11, .	2.3	12
16	Distributionally robust inventory routing problem to maximize the service level under limited budget. Transportation Research, Part E: Logistics and Transportation Review, 2019, 126, 190-211.	3.7	15
17	A survey of models and algorithms for optimizing shared mobility. Transportation Research Part B: Methodological, 2019, 123, 323-346.	2.8	185
18	Scenario-based heuristic to two-stage stochastic program for the parallel machine ScheLoc problem. International Journal of Production Research, 2019, 57, 1706-1723.	4.9	29

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19	Coke production scheduling problem: A parallel machine scheduling with batch preprocessings and location-dependent processing times. <i>Computers and Operations Research</i> , 2019, 104, 37-48.	2.4	14
20	Multitasking scheduling with multiple rate-modifying activities. <i>International Transactions in Operational Research</i> , 2019, 26, 1956-1976.	1.8	26
21	Integrated Production Inventory Routing Planning for Intelligent Food Logistics Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019, 20, 867-878.	4.7	78
22	Recent advances and opportunities in sustainable food supply chain: a model-oriented review. <i>International Journal of Production Research</i> , 2018, 56, 5700-5722.	4.9	155
23	Combined cutting stock and lot-sizing problem with pattern setup. <i>Computers and Operations Research</i> , 2018, 95, 44-55.	2.4	12
24	Scheduling on a two-machine permutation flow shop under time-of-use electricity tariffs. <i>International Journal of Production Research</i> , 2018, 56, 3173-3187.	4.9	43
25	Exact and metaheuristic algorithms to minimize the total tardiness of cutting tool sharpening operations. <i>Expert Systems With Applications</i> , 2018, 95, 224-235.	4.4	7
26	Distribution-Free Model for Ambulance Location Problem with Ambiguous Demand. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-12.	0.9	2
27	Reentrant Flow Shop Scheduling considering Multiresource Qualification Matching. <i>Scientific Programming</i> , 2018, 2018, 1-8.	0.5	2
28	Urban freight transport using passenger rail network: Scientific issues and quantitative analysis. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 115, 227-245.	3.7	111
29	A Bi-Objective Green Closed Loop Supply Chain Design Problem with Uncertain Demand. <i>Sustainability</i> , 2018, 10, 967.	1.6	19
30	Cyclic jobshop hoist scheduling with multi-capacity reentrant tanks and time-window constraints. <i>Computers and Industrial Engineering</i> , 2018, 120, 382-391.	3.4	16
31	Algorithms for the joint multitasking scheduling and common due date assignment problem. <i>International Journal of Production Research</i> , 2017, 55, 6052-6066.	4.9	33
32	Scheduling a tempered glass manufacturing system: a three-stage hybrid flow shop model. <i>International Journal of Production Research</i> , 2017, 55, 6084-6107.	4.9	14
33	RFID-enabled flexible warehousing. <i>Decision Support Systems</i> , 2017, 98, 99-112.	3.5	65
34	Optimizing an emission trading scheme for local governments: A Stackelberg game model and hybrid algorithm. <i>International Journal of Production Economics</i> , 2017, 193, 172-182.	5.1	70
35	Multitasking scheduling problems with a rate-modifying activity. <i>International Journal of Production Research</i> , 2017, 55, 296-312.	4.9	47
36	An integer programming model for the single container loading problem with axle weight constraints. , 2017, , .		1

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37	Multitasking Scheduling Problems with Deterioration Effect. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-10.	0.6	10
38	Bi-objective optimization of a single machine batch scheduling problem with energy cost consideration. <i>Journal of Cleaner Production</i> , 2016, 137, 1205-1215.	4.6	87
39	Framework branch-and-price algorithm for yard management problem at container terminals. , 2016, , .		1
40	Bi-objective optimization for the container terminal integrated planning. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 720-749.	2.8	59
41	Dual-mode production planning for manufacturing with emission constraints. <i>European Journal of Operational Research</i> , 2016, 251, 96-106.	3.5	67
42	An improved exact algorithm for single-machine scheduling to minimise the number of tardy jobs with periodic maintenance. <i>International Journal of Production Research</i> , 2016, 54, 3591-3602.	4.9	36
43	Polynomial dynamic programming algorithms for lot sizing models with bounded inventory and stockout and/or backlogging. <i>Journal of Systems Science and Systems Engineering</i> , 2016, 25, 370-397.	0.8	5
44	A branch-and-price framework for the general double-cycling problem with internal-reshuffles. , 2015, , .		2
45	Dynamic hoist scheduling problem with multi-capacity reentrant machines: A mixed integer programming approach. <i>Computers and Industrial Engineering</i> , 2015, 87, 611-620.	3.4	26
46	A branch-and-bound algorithm for two-stage no-wait hybrid flow-shop scheduling. <i>International Journal of Production Research</i> , 2015, 53, 1143-1167.	4.9	69
47	Optimal Algorithm for the General Quay Crane Double-Cycling Problem. <i>Transportation Science</i> , 2015, 49, 957-967.	2.6	38
48	Robust optimization for the cyclic hoist scheduling problem. <i>European Journal of Operational Research</i> , 2015, 240, 627-636.	3.5	40
49	Optimal Semi-Online Algorithm for Scheduling on Two Parallel Batch Processing Machines. <i>Asia-Pacific Journal of Operational Research</i> , 2014, 31, 1450038.	0.9	1
50	A heuristic for variable size multiobjective two-dimensional bin packing. <i>International Journal of Production Research</i> , 2014, 52, 3450-3465.	4.9	7
51	Model and Method for Multiobjective Time-Dependent Hazardous Material Transportation. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-11.	0.6	7
52	Availability optimization of a redundant system through dependency modeling. <i>Applied Mathematical Modelling</i> , 2014, 38, 4574-4585.	2.2	18
53	An Improved Mixed Integer Programming Approach for Multi-Hoist Cyclic Scheduling Problem. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014, 11, 302-309.	3.4	27
54	Newsvendor model for a dyadic supply chain with Nash bargaining fairness concerns. <i>International Journal of Production Research</i> , 2014, 52, 5070-5085.	4.9	128

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55	Reciprocal supply chain with intention. European Journal of Operational Research, 2014, 239, 389-402.	3.5	46
56	Optimal cyclic scheduling of a robotic flowshop with multiple part types and flexible processing times. European Journal of Industrial Engineering, 2014, 8, 143.	0.5	22
57	Lagrangian relaxation and column generation based lower bounds for the $\text{Pm} \times \text{m} \times \text{h}$ scheduling problem. Applied Mathematics and Computation, 2013, 219, 10783-10805.	1.4	4
58	Scheduling deteriorating jobs with past-sequence-dependent delivery times. International Journal of Production Economics, 2013, 144, 418-421.	5.1	15
59	Petri Net Modeling and Cycle-Time Analysis of Dual-Arm Cluster Tools With Wafer Revisiting. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 196-207.	5.9	171
60	A Petri-Net-Based Scheduling Strategy for Dual-Arm Cluster Tools With Wafer Revisiting. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 1182-1194.	5.9	31
61	Optimal selection of retailers for a manufacturing vendor in a vendor managed inventory system. European Journal of Operational Research, 2013, 225, 273-284.	3.5	46
62	A polynomial algorithm for a lot-sizing problem with backlogging, outsourcing and limited inventory. Computers and Industrial Engineering, 2013, 64, 200-210.	3.4	19
63	Adaptive procurement planning in global sourcing: A rolling horizon forecasting approach. , 2013, , .		0
64	A heuristic approach to synchronize production and transportation planning in a mineral water industry. , 2013, , .		0
65	Cyclic robotic cells scheduling using tabu search algorithm. , 2012, , .		1
66	Online Parallel Machine Scheduling to Maximize the Number of Early Jobs. Mathematical Problems in Engineering, 2012, 2012, 1-7.	0.6	0
67	A tabu search algorithm with solution space partition and repairing procedure for cyclic robotic cell scheduling problem. International Journal of Production Research, 2012, 50, 6403-6418.	4.9	24
68	Aggregated state dynamic programming for a multiobjective two-dimensional bin packing problem. International Journal of Production Research, 2012, 50, 4316-4325.	4.9	7
69	Large scale stochastic inventory routing problems with split delivery and service level constraints. Annals of Operations Research, 2012, 197, 135-158.	2.6	51
70	Single-machine scheduling with past-sequence-dependent delivery times and release times. Information Processing Letters, 2012, 112, 835-838.	0.4	8
71	A Polynomial Dynamic Programming Algorithm for Crude Oil Transportation Planning. IEEE Transactions on Automation Science and Engineering, 2012, 9, 42-55.	3.4	29
72	An FPTAS for uniform machine scheduling to minimize makespan with linear deterioration. Journal of Combinatorial Optimization, 2012, 23, 483-492.	0.8	14

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73	New results on single-machine scheduling with past-sequence-dependent delivery times. <i>Theoretical Computer Science</i> , 2012, 438, 55-61.	0.5	18
74	Determining the number of new employees with learning, forgetting and variable wage with a Newsvendor model in pull systems. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 73-89.	4.4	6
75	An optimal online algorithm for single machine scheduling to minimize total general completion time. <i>Journal of Combinatorial Optimization</i> , 2012, 23, 189-195.	0.8	7
76	Petri Net-Based Scheduling of Single-Arm Cluster Tools With Reentrant Atomic Layer Deposition Processes. <i>IEEE Transactions on Automation Science and Engineering</i> , 2011, 8, 42-55.	3.4	130
77	A dynamic programming-based heuristic for the variable sized two-dimensional bin packing problem. <i>International Journal of Production Research</i> , 2011, 49, 3815-3831.	4.9	13
78	Schedulability Analysis of Short-Term Scheduling for Crude Oil Operations in Refinery With Oil Residency Time and Charging-Tank-Switch-Overlap Constraints. <i>IEEE Transactions on Automation Science and Engineering</i> , 2011, 8, 190-204.	3.4	42
79	Optimal algorithms for online scheduling on parallel machines to minimize the makespan with a periodic availability constraint. <i>Theoretical Computer Science</i> , 2011, 412, 5225-5231.	0.5	15
80	A new heuristic algorithm for the operating room scheduling problem. <i>Computers and Industrial Engineering</i> , 2011, 61, 865-871.	3.4	49
81	Semi-online scheduling on 2 machines under a grade of service provision with bounded processing times. <i>Journal of Combinatorial Optimization</i> , 2011, 21, 138-149.	0.8	25
82	A new heuristic algorithm for a class of two-dimensional bin-packing problems. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 57, 1235-1244.	1.5	6
83	Multi-degree cyclic hoist scheduling with time window constraints. <i>International Journal of Production Research</i> , 2011, 49, 5679-5693.	4.9	32
84	Scheduling multiprocessor tasks to minimise the makespan on two dedicated processors. <i>European Journal of Industrial Engineering</i> , 2010, 4, 265.	0.5	16
85	A worst case analysis of a dynamic programming-based heuristic algorithm for 2D unconstrained guillotine cutting. <i>European Journal of Operational Research</i> , 2010, 202, 368-378.	3.5	7
86	A planning and scheduling problem for an operating theatre using an open scheduling strategy. <i>Computers and Industrial Engineering</i> , 2010, 58, 221-230.	3.4	193
87	A survey of scheduling with deterministic machine availability constraints. <i>Computers and Industrial Engineering</i> , 2010, 58, 199-211.	3.4	350
88	Infinite split scheduling: a new lower bound of total weighted completion time on parallel machines with job release dates and unavailability periods. <i>Annals of Operations Research</i> , 2010, 181, 359-375.	2.6	4
89	An optimal online algorithm for two-machine open shop preemptive scheduling with bounded processing times. <i>Optimization Letters</i> , 2010, 4, 227-237.	0.9	5
90	Series production in a basic re-entrant shop to minimize makespan or total flow time. <i>Computers and Industrial Engineering</i> , 2010, 58, 257-268.	3.4	10

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91	Tank cycling and scheduling analysis of high fusion point oil transportation for crude oil operations in refinery. Computers and Chemical Engineering, 2010, 34, 529-543.	2.0	24
92	An optimal online algorithm for single machine scheduling with bounded delivery times. European Journal of Operational Research, 2010, 201, 693-700.	3.5	14
93	A lower bound for weighted completion time variance. European Journal of Operational Research, 2010, 207, 1221-1226.	3.5	11
94	Aggregated state dynamic programming for operating theater planning. , 2010, , .		1
95	Hybrid Petri Net Modeling and Schedulability Analysis of High Fusion Point Oil Transportation Under Tank Grouping Strategy for Crude Oil Operations in Refinery. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2010, 40, 159-175.	3.3	48
96	Optimal cyclic scheduling of a hoist and multi-type parts with fixed processing times. International Journal of Production Research, 2010, 48, 1225-1243.	4.9	39
97	A branch and bound algorithm for optimal cyclic scheduling in a robotic cell with processing time windows. International Journal of Production Research, 2010, 48, 6461-6480.	4.9	47
98	Optimisation hybride par colonies de fourmis pour le probl�me de d�coupe � deux dimensions. RAIRO - Operations Research, 2009, 43, 87-101.	1.0	0
99	Solving a tactical operating room planning problem by a column-generation-based heuristic procedure with four criteria. Annals of Operations Research, 2009, 166, 91-108.	2.6	108
100	Online scheduling on two uniform machines to minimize the makespan. Theoretical Computer Science, 2009, 410, 2099-2109.	0.5	28
101	The endoscopy scheduling problem: A case study with two specialised operating rooms. International Journal of Production Economics, 2009, 120, 452-462.	5.1	26
102	Identical parallel-machine scheduling under availability constraints to minimize the sum of completion times. European Journal of Operational Research, 2009, 197, 1150-1165.	3.5	57
103	Multi-degree cyclic scheduling of a no-wait robotic cell with multiple robots. European Journal of Operational Research, 2009, 199, 77-88.	3.5	40
104	Online scheduling on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll">\rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ uniform machines to minimize total (weighted) completion time. Theoretical Computer Science, 2009, 410, 3875-3881.	0.5	2
105	Online scheduling to minimize modified total tardiness with an availability constraint. Theoretical Computer Science, 2009, 410, 5039-5046.	0.5	10
106	Short-Term Schedulability Analysis of Multiple Distiller Crude Oil Operations in Refinery With Oil Residency Time Constraint. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2009, 39, 1-16.	3.3	45
107	Minimising the weighted number of tardy jobs in a hybrid flow shop with genetic algorithm. International Journal of Computer Integrated Manufacturing, 2009, 22, 745-757.	2.9	20
108	A novel approach to scheduling of single-arm cluster tools with wafer revisiting. , 2009, , .		0



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109	Scheduling on parallel identical machines to minimise the total weighted tardiness. International Journal of Advanced Operations Management, 2009, 1, 30.	0.3	3
110	Guest Editorial: New trends on service systems and service management. Journal of Systems Science and Systems Engineering, 2008, 17, 129-131.	0.8	0
111	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
112	Characterization and modelling of guillotine constraints. European Journal of Operational Research, 2008, 191, 112-126.	3.5	22
113	Single-machine scheduling with an availability constraint to minimize the weighted sum of the completion times. Computers and Operations Research, 2008, 35, 827-844.	2.4	65
114	A branch-and-bound algorithm to minimize total weighted completion time on identical parallel machines with job release dates. Computers and Operations Research, 2008, 35, 1176-1190.	2.4	33
115	The study of a dynamic dial-a-ride problem under time-dependent and stochastic environments. European Journal of Operational Research, 2008, 185, 534-551.	3.5	100
116	Solving surgical cases assignment problem by a branch-and-price approach. International Journal of Production Economics, 2008, 112, 96-108.	5.1	120
117	Efficient branch-and-bound algorithm for minimizing the weighted sum of completion times on a single machine with one availability constraint. International Journal of Production Economics, 2008, 112, 138-150.	5.1	45
118	Short-Term Schedulability Analysis of Crude Oil Operations in Refinery With Oil Residency Time Constraint Using Petri Nets. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 765-778.	3.3	40
119	Minimizing the weighted flow time on a single machine with the resumable availability constraint: worst case of the WSPT heuristic. International Journal of Computer Integrated Manufacturing, 2008, 21, 388-395.	2.9	5
120	Short-term schedulability analysis of crude oil operations in refinery with hybrid Petri net. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	1
121	Single-Item Dynamic Lot-Sizing Models With Bounded Inventory and Outsourcing. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2008, 38, 70-77.	3.4	17
122	A Petri Net Method for Schedulability and Scheduling Problems in Single-Arm Cluster Tools With Wafer Residency Time Constraints. IEEE Transactions on Semiconductor Manufacturing, 2008, 21, 224-237.	1.4	194
123	An algorithm for optimal cyclic scheduling in a robotic cell with flexible processing times. , 2008, , .		3
124	An $O(T^3)$ Polynomial Algorithm for Crude Oil Transportation. , 2008, , .		0
125	Optimal Scheduling of Material Handling Devices in a PCB Production Line: Problem Formulation and a Polynomial Algorithm. Mathematical Problems in Engineering, 2008, 2008, 1-21.	0.6	17
126	Lot sizing with bounded inventory and lost sales. International Journal of Production Research, 2007, 45, 5881-5894.	4.9	22



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127	An Algorithm for Scheduling a No-Wait Robotic Production System with Multi-Type Parts. , 2007, , .		0
128	Modeling and Conflict Detection of Crude Oil Operations for Refinery Process Based on Controlled Colored Timed Petri Net. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 461-472.	3.3	44
129	Polynomial Algorithms for Single-Item Lot-Sizing Models With Bounded Inventory and Backlogging or Outsourcing. IEEE Transactions on Automation Science and Engineering, 2007, 4, 233-251.	3.4	25
130	A branch-and-bound algorithm of the single machine schedule with sequence-dependent setup times for minimizing maximum tardiness. European Journal of Operational Research, 2007, 180, 68-81.	3.5	24
131	Optimal design of a maintainable cold-standby system. Reliability Engineering and System Safety, 2007, 92, 85-91.	5.1	24
132	Reliability optimization of a redundant system with failure dependencies. Reliability Engineering and System Safety, 2007, 92, 1627-1634.	5.1	55
133	Cyclic hoist scheduling in large real-life electroplating lines. OR Spectrum, 2007, 29, 445-470.	2.1	61
134	Cyclic multiple-robot scheduling with time-window constraints using a critical path approach. European Journal of Operational Research, 2007, 177, 147-162.	3.5	33
135	An exact method for problem. Computers and Operations Research, 2007, 34, 2840-2848.	2.4	21
136	Worst-case bound performance of the preemptive WSPT heuristic for the problem 1, $h_{sub>1</sub> pre &#x003A3;w_{sub>i</sub>C_{sub>i</sub>}$ . , 2006, , .		0
137	Mixed Backlogging and Outsourcing Models with Inventory Capacity. , 2006, , .		0
138	A branch and bound algorithm to minimize total weighted completion time on identical parallel machines with job release dates. , 2006, , .		3
139	A Genetic Algorithm For Minimizing The Weighted Number Of Tardy Jobs. , 2006, , .		3
140	A Column Generation Method for the Parallel-Machine Scheduling Problem with availability constraint. , 2006, , .		1
141	MSPT2 Heuristic and Dynamic Programming Method for the Parallel Machine Scheduling Problem with scheduled Preventive Maintenance. , 2006, , .		1
142	Branch-and-Bound Method to solve the $P_{sub>m</sub> h_{sub>j</sub> }  \sigma/C_{sub>i</sub>}$ problem. , 2006, , .		0
143	Mixed backloging and stockout models with inventory capacity. , 2006, , .		0
144	A fast heuristic for solving a large-scale static dial-a-ride problem under complex constraints. European Journal of Operational Research, 2006, 174, 1117-1139.	3.5	90

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145	New exact method to solve the Pm/rj/âˆƒCj schedule problem. International Journal of Production Economics, 2006, 100, 168-179.	5.1	41
146	A linear programming approach for identical parallel machine scheduling with job splitting and sequence-dependent setup times. International Journal of Production Economics, 2006, 99, 63-73.	5.1	92
147	A faster polynomial algorithm for 2-cyclic robotic scheduling. Journal of Scheduling, 2006, 9, 453-468.	1.3	34
148	An iterative sequential heuristic procedure to a real-life 1.5-dimensional cutting stock problem. European Journal of Operational Research, 2006, 175, 1870-1889.	3.5	20
149	A Branch and bound for 1   ri   wiCi, Scheduling Problem. , 2006, , .		0
150	Some dominance properties for single-machine tardiness problems with sequence-dependent setup. International Journal of Production Research, 2006, 44, 3367-3378.	4.9	11
151	Reliability allocation problem in a seriesâ€“parallel system. Reliability Engineering and System Safety, 2005, 90, 55-61.	5.1	93
152	A polynomial algorithm for no-wait cyclic hoist scheduling in an extended electroplating line. Operations Research Letters, 2005, 33, 274-284.	0.5	26
153	Multi-Degree Cyclic Scheduling of Two Robots in a No-Wait Flowshop. IEEE Transactions on Automation Science and Engineering, 2005, 2, 173-183.	3.4	47
154	A New Dynamic Programming Method for Reliability & Redundancy Allocation in a Parallel-Series System. IEEE Transactions on Reliability, 2005, 54, 254-261.	3.5	83
155	Preemptive Scheduling with Availability Constraints to Minimize Total Weighted Completion Times. Annals of Operations Research, 2005, 133, 183-192.	2.6	65
156	Dynamic lot sizing models with bounded inventory and backlogging. , 2005, , .		0
157	Series-parallel Systems Design: Reliability Allocation. Journal of Decision Systems, 2005, 14, 473-487.	2.2	6
158	Single-track multi-hoist scheduling problem: a collision-free resolution based on a branch-and-bound approach. International Journal of Production Research, 2004, 42, 2435-2456.	4.9	49
159	Quasi-variational equation. Mathematical Inequalities and Applications, 2004, , 149-160.	0.1	1
160	A lagrangian relaxation approach for supply chain planning with order/setup costs and capacity constraints. Journal of Systems Science and Systems Engineering, 2003, 12, 98-110.	0.8	24
161	Reliability allocation through cost minimization. IEEE Transactions on Reliability, 2003, 52, 106-111.	3.5	145
162	A polynomial algorithm for 2-degree cyclic robot scheduling. European Journal of Operational Research, 2003, 145, 31-44.	3.5	52

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163	An efficient heuristic approach for parallel machine scheduling with job splitting and sequence-dependent setup times. IIE Transactions, 2003, 35, 183-190.	2.1	74
164	Évaluation de la fiabilité d'un système de prévision de la demande dans le cas d'une politique de regroupement des besoins. RAIRO - Operations Research, 2003, 37, 325-335.	1.0	0
165	Due date assignment and scheduling: Slk, TWK and other due date assignment models. Production Planning and Control, 2002, 13, 117-132.	5.8	97
166	An integration architecture for process manufacturing systems. International Journal of Computer Integrated Manufacturing, 2002, 15, 413-426.	2.9	17
167	Multicyclic hoist scheduling with constant processing times. IEEE Transactions on Automation Science and Engineering, 2002, 18, 69-80.	2.4	82
168	Parallel machine scheduling to minimize total tardiness. International Journal of Production Economics, 2002, 76, 265-279.	5.1	102
169	A survey of the state-of-the-art of common due date assignment and scheduling research. European Journal of Operational Research, 2002, 139, 1-25.	3.5	395
170	Variable-Sized Bin Packing: Tight Absolute Worst-Case Performance Ratios for Four Approximation Algorithms. SIAM Journal on Computing, 2001, 30, 2069-2083.	0.8	29
171	Implementation of remote robot manufacturing over Internet. Computers in Industry, 2001, 45, 215-229.	5.7	20
172	Approximation Algorithms to Solve Real-Life Multicriteria Cutting Stock Problems. Operations Research, 1999, 47, 495-508.	1.2	34
173	The cutting stock problem with mixed objectives: Two heuristics based on dynamic programming. European Journal of Operational Research, 1999, 114, 395-402.	3.5	13
174	Predictive maintenance: The one-unit replacement model. International Journal of Production Economics, 1998, 54, 285-295.	5.1	47
175	Improving job-shop schedules through critical pairwise exchanges. International Journal of Production Research, 1998, 36, 683-694.	4.9	11
176	An improvement of the Lagrangean relaxation approach for job shop scheduling: a dynamic programming method. IEEE Transactions on Automation Science and Engineering, 1998, 14, 786-795.	2.4	94
177	Cyclic scheduling of a hoist with time window constraints. IEEE Transactions on Automation Science and Engineering, 1998, 14, 144-152.	2.4	153
178	Sequencing of Parts in Robotic Cells. Flexible Services and Manufacturing Journal, 1997, 9, 81-104.	0.4	17
179	Supply management for cost minimization in assembly systems with random component yield times. Journal of Intelligent Manufacturing, 1997, 8, 385-403.	4.4	36
180	Inspection and maintenance planning: an application of semi-Markov decision processes. Journal of Intelligent Manufacturing, 1997, 8, 467-476.	4.4	30

#	ARTICLE	IF	CITATIONS
181	Heuristic approaches for $n/m/F/\hat{C}_i$ scheduling problems. European Journal of Operational Research, 1997, 96, 636-644.	3.5	63
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