

Wojciech BoÅ¼ejko

List of Publications by Year in descending order

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91
papers

854
citations

567281

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100
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100
docs citations

100
times ranked

475
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Graphs for Modeling and Solving Cyclic Flow Shop with Waiting Time Constraints. Mechanisms and Machine Science, 2022, , 105-124.	0.5	0
2	Parallel Block-Based Simulated Annealing for the Single Machine Total Weighted Tardiness Scheduling Problem. Advances in Intelligent Systems and Computing, 2022, , 758-765.	0.6	0
3	Efficient Tabu Search Algorithm for the Cyclic Inspection Problem. Advances in Intelligent Systems and Computing, 2022, , 751-757.	0.6	0
4	Distributed Quantum Annealing on D-Wave for the Single Machine Total Weighted Tardiness Scheduling Problem. Lecture Notes in Computer Science, 2022, , 171-178.	1.3	4
5	A Job Shop Scheduling Problem with Due Dates Under Conditions of Uncertainty. Lecture Notes in Computer Science, 2021, , 198-205.	1.3	2
6	The Problem of Tasks Scheduling with Due Dates in a Flexible Multi-machine Production Cell. Lecture Notes in Computer Science, 2021, , 405-419.	1.3	0
7	Parallel Computing for the Non-permutation Flow Shop Scheduling Problem with Time Couplings Using Floyd-Warshall Algorithm. Studies in Systems, Decision and Control, 2021, , 1-19.	1.0	1
8	Profit optimization for multi-mode repetitive construction project with cash flows using metaheuristics. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	3.8	12
9	Neuro-tabu search approach to scheduling in automotive manufacturing. Neurocomputing, 2021, 452, 435-442.	5.9	0
10	Neural Networks Classification for Training of Five German Longsword Mastercuts - A Novel Application of Motion Capture: Analysis of Performance of Sword Fencing in the Historical European Martial Arts (HEMA) Domain. , 2021, , .		1
11	Flow Shop Problem with Machine Time Couplings. Advances in Intelligent Systems and Computing, 2020, , 80-89.	0.6	2
12	Cyclic Two Machine Flow Shop with Disjoint Sequence-Dependent Setups. Studies in Systems, Decision and Control, 2020, , 31-47.	1.0	1
13	Cyclic Scheduling in the Manufacturing Cell. Studies in Systems, Decision and Control, 2020, , 49-62.	1.0	2
14	Novel Approach to Gentle AdaBoost Algorithm with Linear Weak Classifiers. Lecture Notes in Computer Science, 2020, , 600-611.	1.3	1
15	Robust Single Machine Scheduling with Random Blocks in an Uncertain Environment. Lecture Notes in Computer Science, 2020, , 529-538.	1.3	3
16	Optimization of production process for resource utilization. Archives of Civil and Mechanical Engineering, 2019, 19, 1251-1258.	3.8	1
17	Flowshop scheduling of construction processes with uncertain parameters. Archives of Civil and Mechanical Engineering, 2019, 19, 194-204.	3.8	21
18	Meta-heuristic Task Scheduling Algorithm for Computing Cluster with 2D Packing Problem Approach. Advances in Intelligent Systems and Computing, 2019, , 74-82.	0.6	1

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19	User Estimates Inaccuracy Study in HPC Scheduler. Advances in Intelligent Systems and Computing, 2019, , 504-514.	0.6	2
20	Minimization of the Number of Employees in Manufacturing Cells. Advances in Intelligent Systems and Computing, 2019, , 241-248.	0.6	2
21	Tabu Search and Solution Space Analyses. TheÅJob Shop Case. Lecture Notes in Computer Science, 2018, , 383-391.	1.3	5
22	The Metamodel of Heritage Preservation for Medical Big Data. Lecture Notes in Computer Science, 2018, , 366-371.	1.3	0
23	Reversed Amdahlâ€™s Law for Hybrid Parallel Computing. Lecture Notes in Computer Science, 2018, , 101-108.	1.3	0
24	On Cyclic Job Shop Scheduling Problem. , 2018, , .		3
25	On the simulated annealing adaptation for tasks transportation optimization. Logic Journal of the IGPL, 2018, , .	1.5	2
26	Steganographic Data Heritage Preservation Using Sharing Images App. Lecture Notes in Computer Science, 2018, , 150-156.	1.3	0
27	Local Search Metaheuristics with Reduced Searching Diameter. Lecture Notes in Computer Science, 2018, , 447-454.	1.3	0
28	Scheduling and Routing Algorithms for Rail Freight Transportation. Procedia Engineering, 2017, 178, 206-212.	1.2	10
29	Parallel tabu search for the cyclic job shop scheduling problem. Computers and Industrial Engineering, 2017, 113, 512-524.	6.3	54
30	Cyclic flow shop scheduling problem with two-machine cells. Archives of Control Sciences, 2017, 27, 151-167.	1.7	8
31	Parallel optimization algorithm for drone inspection in the building industry. AIP Conference Proceedings, 2017, , .	0.4	7
32	A fine-grained parallel algorithm for the cyclic flexible job shop problem. Archives of Control Sciences, 2017, 27, 169-181.	1.7	13
33	Parallel patterns determination in solving cyclic flow shop problem with setups. Archives of Control Sciences, 2017, 27, 183-195.	1.7	1
34	Two level algorithm with Tabu Search optimization for task scheduling problem in computing cluster environment. , 2017, , .		1
35	Stable scheduling of single machine with probabilistic parameters. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2017, 65, 219-231.	0.8	4
36	Big valley in scheduling problems landscape â€™ Metaheuristics with reduced searching area. , 2017, , .		1

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37	Blocks for the flow shop scheduling problem with uncertain parameters. Advances in Intelligent Systems and Computing, 2017, , 703-711.	0.6	2
38	The k-opt algorithm analysis. The flexible job shop case. Advances in Intelligent Systems and Computing, 2017, , 370-377.	0.6	0
39	Metropolitan delivery with time windows as a scheduling problem. , 2016, , .		1
40	Computer module for scheduling of transportation of composite beam bridge structures. MATEC Web of Conferences, 2016, 86, 05015.	0.2	1
41	Cyclic scheduling of a robotic cell. , 2016, , .		6
42	Multi-machine Scheduling with Setup Times. Lecture Notes in Computer Science, 2016, , 300-311.	1.3	3
43	Tabu Search Algorithm with Neural Tabu Mechanism for the Cyclic Job Shop Problem. Lecture Notes in Computer Science, 2016, , 409-418.	1.3	3
44	Parallel metaheuristics for the cyclic flow shop scheduling problem. Computers and Industrial Engineering, 2016, 95, 156-163.	6.3	15
45	Parallel Tabu Search Algorithm with Uncertain Data for the Flexible Job Shop Problem. Lecture Notes in Computer Science, 2016, , 419-428.	1.3	4
46	Robust Tabu Search Algorithm for Planning Rail-Truck Intermodal Freight Transport. Lecture Notes in Computer Science, 2016, , 289-299.	1.3	1
47	Generalized Gaussian processes and relations with random matrices and positive definite functions on permutation groups. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2015, 18, 1550020.	0.5	0
48	Parallel packing procedure for three dimensional bin packing problem. , 2015, , .		3
49	Parallel and Distributed Metaheuristics. Lecture Notes in Computer Science, 2015, , 72-79.	1.3	6
50	Block approach to the cyclic flow shop scheduling. Computers and Industrial Engineering, 2015, 81, 158-166.	6.3	25
51	Parallel Simulated Annealing Algorithm for Cyclic Flexible Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2015, , 603-612.	1.3	11
52	Parallel Cost Function Determination on GPU for the Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 778-788.	1.3	1
53	Parallel Coevolutionary Algorithm for Three-Dimensional Bin Packing Problem. Lecture Notes in Computer Science, 2015, , 319-328.	1.3	1
54	On Underwater Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 861-868.	1.3	2

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55	Multi-GPU Tabu Search Metaheuristic for the Flexible Job Shop Scheduling Problem. Topics in Intelligent Engineering and Informatics, 2014, , 43-60.	0.4	4
56	Multi-GPU Parallel Memetic Algorithm for Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2014, , 207-214.	1.3	3
57	SOLVING RESOURCE-CONSTRAINED CONSTRUCTION SCHEDULING PROBLEMS WITH OVERLAPS BY METAHEURISTIC. Journal of Civil Engineering and Management, 2014, 20, 649-659.	3.5	37
58	Cyclic Hybrid Flow-shop Scheduling Problem with Machine Setups. Procedia Computer Science, 2014, 29, 2127-2136.	2.0	8
59	Stable Scheduling with Random Processing Times. Topics in Intelligent Engineering and Informatics, 2014, , 61-77.	0.4	5
60	Solving Timetabling Problems on GPU. Lecture Notes in Computer Science, 2014, , 445-455.	1.3	5
61	Scheduling Problem with Uncertain Parameters in Just in Time System. Lecture Notes in Computer Science, 2014, , 456-467.	1.3	1
62	Parallel tabu search algorithm for the hybrid flow shop problem. Computers and Industrial Engineering, 2013, 65, 466-474.	6.3	49
63	Parallel Neuro-Tabu Search Algorithm for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2013, , 489-499.	1.3	4
64	Flexible job shop problem â€™ parallel tabu search algorithm for multi-GPU. Archives of Control Sciences, 2012, 22, 389-397.	1.7	5
65	Multi-machine scheduling problem with setup times. Archives of Control Sciences, 2012, 22, 441-449.	1.7	0
66	Solving the Flexible Job Shop Problem on Multi-GPU. Procedia Computer Science, 2012, 9, 2020-2023.	2.0	7
67	Parallel Cost Function Determination on GPU for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2012, , 1-10.	1.3	0
68	On single-walk parallelization of the job shop problem solving algorithms. Computers and Operations Research, 2012, 39, 2258-2264.	4.0	20
69	Solving the Flexible Job Shop Problem on GPU. Lecture Notes in Computer Science, 2012, , 387-394.	1.3	1
70	Fast Parallel Cost Function Calculation for the Flow Shop Scheduling Problem. Lecture Notes in Computer Science, 2012, , 378-386.	1.3	0
71	Solving the no-wait job-shop problem by using genetic algorithm with automatic adjustment. International Journal of Advanced Manufacturing Technology, 2011, 57, 735-752.	3.0	17
72	Parallel estimation of the cost function for the flexible scheduling probleml. Procedia Computer Science, 2011, 4, 2236-2245.	2.0	1

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73	The new golf neighborhood for the exible job shop problem. <i>Procedia Computer Science</i> , 2010, 1, 289-296.	2.0	22
74	Parallel path relinking method for the single machine total weighted tardiness problem with sequence-dependent setups. <i>Journal of Intelligent Manufacturing</i> , 2010, 21, 777-785.	7.3	31
75	Parallel hybrid metaheuristics for the flexible job shop problem. <i>Computers and Industrial Engineering</i> , 2010, 59, 323-333.	6.3	70
76	A Neuro-tabu Search Algorithm for the Job Shop Problem. <i>Lecture Notes in Computer Science</i> , 2010, , 387-394.	1.3	9
77	Parallel Hybrid Metaheuristics for the Scheduling with Fuzzy Processing Times. <i>Lecture Notes in Computer Science</i> , 2010, , 379-386.	1.3	0
78	Solving permutational routing problems by population-based metaheuristics. <i>Computers and Industrial Engineering</i> , 2009, 57, 269-276.	6.3	14
79	Solving the flow shop problem by parallel programming. <i>Journal of Parallel and Distributed Computing</i> , 2009, 69, 470-481.	4.1	27
80	A fast hybrid tabu search algorithm for the no-wait job shop problem. <i>Computers and Industrial Engineering</i> , 2009, 56, 1502-1509.	6.3	34
81	Parallel Calculating of the Goal Function in Metaheuristics Using GPU. <i>Lecture Notes in Computer Science</i> , 2009, , 1014-1023.	1.3	5
82	Parallel Simulated Annealing for the Job Shop Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2009, , 631-640.	1.3	13
83	Time/cost optimization using hybrid evolutionary algorithm in construction project scheduling. <i>Automation in Construction</i> , 2008, 18, 24-31.	9.8	83
84	Parallel Path-Relinking Method for the Flow Shop Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2008, , 264-273.	1.3	2
85	Parallel Single-Thread Strategies in Scheduling. <i>Lecture Notes in Computer Science</i> , 2008, , 995-1006.	1.3	2
86	On the theoretical properties of swap multimoves. <i>Operations Research Letters</i> , 2007, 35, 227-231.	0.7	20
87	Parallel Scatter Search Algorithm for the Flow Shop Sequencing Problem. , 2007, , 180-188.		10
88	Block approachâ€”tabu search algorithm for single machine total weighted tardiness problem. <i>Computers and Industrial Engineering</i> , 2006, 50, 1-14.	6.3	45
89	A New Inter-island Genetic Operator for Optimization Problems with Block Properties. <i>Lecture Notes in Computer Science</i> , 2006, , 334-343.	1.3	4
90	Parallel Genetic Algorithm for the Flow Shop Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2004, , 566-571.	1.3	14

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91	Parallel Genetic Algorithm for Minimizing Total Weighted Completion Time. Lecture Notes in Computer Science, 2004, , 400-405.	1.3	13