Wojciech Bożejko

List of Publications by Year
in descending order

91 papers	854 citations	567281 15 h-index	552781 26 g-index
100 all docs	100 docs citations	100 times ranked	475 citing authors

#	Article	IF	Citations
1	Time/cost optimization using hybrid evolutionary algorithm in construction project scheduling. Automation in Construction, 2008, 18, 24-31.	9.8	83
2	Parallel hybrid metaheuristics for the flexible job shop problem. Computers and Industrial Engineering, 2010, 59, 323-333.	6.3	70
3	Parallel tabu search for the cyclic job shop scheduling problem. Computers and Industrial Engineering, 2017, 113, 512-524.	6.3	54
4	Parallel tabu search algorithm for the hybrid flow shop problem. Computers and Industrial Engineering, 2013, 65, 466-474.	6.3	49
5	Block approachâ€"tabu search algorithm for single machine total weighted tardiness problem. Computers and Industrial Engineering, 2006, 50, 1-14.	6.3	45
6	SOLVING RESOURCE-CONSTRAINED CONSTRUCTION SCHEDULING PROBLEMS WITH OVERLAPS BY METAHEURISTIC. Journal of Civil Engineering and Management, 2014, 20, 649-659.	3.5	37
7	A fast hybrid tabu search algorithm for the no-wait job shop problem. Computers and Industrial Engineering, 2009, 56, 1502-1509.	6.3	34
8	Parallel path relinking method for the single machine total weighted tardiness problem with sequence-dependent setups. Journal of Intelligent Manufacturing, 2010, 21, 777-785.	7.3	31
9	Solving the flow shop problem by parallel programming. Journal of Parallel and Distributed Computing, 2009, 69, 470-481.	4.1	27
10	Block approach to the cyclic flow shop scheduling. Computers and Industrial Engineering, 2015, 81, 158-166.	6.3	25
11	The new golf neighborhood for the exible job shop problem. Procedia Computer Science, 2010, 1, 289-296.	2.0	22
12	Flowshop scheduling of construction processes with uncertain parameters. Archives of Civil and Mechanical Engineering, 2019, 19, 194-204.	3.8	21
13	On the theoretical properties of swap multimoves. Operations Research Letters, 2007, 35, 227-231.	0.7	20
14	On single-walk parallelization of the job shop problem solving algorithms. Computers and Operations Research, 2012, 39, 2258-2264.	4.0	20
15	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
16	Parallel metaheuristics for the cyclic flow shop scheduling problem. Computers and Industrial Engineering, 2016, 95, 156-163.	6.3	15
17	Solving permutational routing problems by population-based metaheuristics. Computers and Industrial Engineering, 2009, 57, 269-276.	6.3	14
18	Parallel Genetic Algorithm for the Flow Shop Scheduling Problem. Lecture Notes in Computer Science, 2004, , 566-571.	1.3	14

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19	A fine-grained parallel algorithm for the cyclic flexible job shop problem. Archives of Control Sciences, 2017, 27, 169-181.	1.7	13
20	Parallel Genetic Algorithm for Minimizing Total Weighted Completion Time. Lecture Notes in Computer Science, 2004, , 400-405.	1.3	13
21	Parallel Simulated Annealing for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2009, , 631-640.	1.3	13
22	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
23	Parallel Simulated Annealing Algorithm for Cyclic Flexible Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2015, , 603-612.	1.3	11
24	Scheduling and Routing Algorithms for Rail Freight Transportation. Procedia Engineering, 2017, 178, 206-212.	1.2	10
25	Parallel Scatter Search Algorithm for the Flow Shop Sequencing Problem. , 2007, , 180-188.		10
26	A Neuro-tabu Search Algorithm for the Job Shop Problem. Lecture Notes in Computer Science, 2010, , 387-394.	1.3	9
27	Cyclic Hybrid Flow-shop Scheduling Problem with Machine Setups. Procedia Computer Science, 2014, 29, 2127-2136.	2.0	8
28	Cyclic flow shop scheduling problem with two-machine cells. Archives of Control Sciences, 2017, 27, 151-167.	1.7	8
29	Solving the Flexible Job Shop Problem on Multi-GPU. Procedia Computer Science, 2012, 9, 2020-2023.	2.0	7
30	Parallel optimization algorithm for drone inspection in the building industry. AIP Conference Proceedings, 2017, , .	0.4	7
31	Parallel and Distributed Metaheuristics. Lecture Notes in Computer Science, 2015, , 72-79.	1.3	6
32	Cyclic scheduling of a robotic cell. , 2016, , .		6
33	Flexible job shop problem â€" parallel tabu search algorithm for multi-GPU. Archives of Control Sciences, 2012, 22, 389-397.	1.7	5
34	Tabu Search and Solution Space Analyses. TheÂJob Shop Case. Lecture Notes in Computer Science, 2018, , 383-391.	1.3	5
35	Stable Scheduling with Random Processing Times. Topics in Intelligent Engineering and Informatics, 2014, , 61-77.	0.4	5
36	Solving Timetabling Problems on GPU. Lecture Notes in Computer Science, 2014, , 445-455.	1.3	5

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37	Parallel Calculating of the Goal Function in Metaheuristics Using GPU. Lecture Notes in Computer Science, 2009, , 1014-1023.	1.3	5
38	Multi-GPU Tabu Search Metaheuristic for the Flexible Job Shop Scheduling Problem. Topics in Intelligent Engineering and Informatics, 2014, , 43-60.	0.4	4
39	Stable scheduling of single machine with probabilistic parameters. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2017, 65, 219-231.	0.8	4
40	A New Inter-island Genetic Operator for Optimization Problems with Block Properties. Lecture Notes in Computer Science, 2006, , 334-343.	1.3	4
41	Parallel Neuro-Tabu Search Algorithm for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2013, , 489-499.	1.3	4
42	Parallel Tabu Search Algorithm with Uncertain Data for the Flexible Job Shop Problem. Lecture Notes in Computer Science, 2016, , 419-428.	1.3	4
43	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
44	Multi-GPU Parallel Memetic Algorithm for Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2014, , 207-214.	1.3	3
45	Parallel packing procedure for three dimensional bin packing problem. , 2015, , .		3
46	Multi-machine Scheduling with Setup Times. Lecture Notes in Computer Science, 2016, , 300-311.	1.3	3
47	Tabu Search Algorithm with Neural Tabu Mechanism for the Cyclic Job Shop Problem. Lecture Notes in Computer Science, 2016, , 409-418.	1.3	3
48	On Cyclic Job Shop Scheduling Problem. , 2018, , .		3
49	Robust Single Machine Scheduling with Random Blocks in an Uncertain Environment. Lecture Notes in Computer Science, 2020, , 529-538.	1.3	3
50	On the simulated annealing adaptation for tasks transportation optimization. Logic Journal of the IGPL, 2018, , .	1.5	2
51	A Job Shop Scheduling Problem with Due Dates Under Conditions of Uncertainty. Lecture Notes in Computer Science, 2021, , 198-205.	1.3	2
52	Flow Shop Problem with Machine Time Couplings. Advances in Intelligent Systems and Computing, 2020, , 80-89.	0.6	2
53	Cyclic Scheduling in the Manufacturing Cell. Studies in Systems, Decision and Control, 2020, , 49-62.	1.0	2
54	Blocks for the flow shop scheduling problem with uncertain parameters. Advances in Intelligent Systems and Computing, 2017, , 703-711.	0.6	2

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55	Parallel Path-Relinking Method for the Flow Shop Scheduling Problem. Lecture Notes in Computer Science, 2008, , 264-273.	1.3	2
56	On Underwater Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 861-868.	1.3	2
57	User Estimates Inaccuracy Study in HPC Scheduler. Advances in Intelligent Systems and Computing, 2019, , 504-514.	0.6	2
58	Minimization of the Number of Employees in Manufacturing Cells. Advances in Intelligent Systems and Computing, 2019, , 241-248.	0.6	2
59	Parallel Single-Thread Strategies in Scheduling. Lecture Notes in Computer Science, 2008, , 995-1006.	1.3	2
60	Parallel estimation of the cost function for the flexible scheduling probleml. Procedia Computer Science, 2011, 4, 2236-2245.	2.0	1
61	Metropolitan delivery with time windows as a scheduling problem. , 2016, , .		1
62	Computer module for scheduling of transportation of composite beam bridge structures. MATEC Web of Conferences, 2016, 86, 05015.	0.2	1
63	Parallel patterns determination in solving cyclic flow shop problem with setups. Archives of Control Sciences, 2017, 27, 183-195.	1.7	1
64	Two level algorithm with Tabu Search optimization for task scheduling problem in computing cluster environment. , 2017, , .		1
65	Big valley in scheduling problems landscape â€" Metaheuristics with reduced searching area. , 2017, , .		1
66	Optimization of production process for resource utilization. Archives of Civil and Mechanical Engineering, 2019, 19, 1251-1258.	3.8	1
67	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
68	Cyclic Two Machine Flow Shop with Disjoint Sequence-Dependent Setups. Studies in Systems, Decision and Control, 2020, , 31-47.	1.0	1
69	Novel Approach to Gentle AdaBoost Algorithm with Linear Weak Classifiers. Lecture Notes in Computer Science, 2020, , 600-611.	1.3	1
70	Scheduling Problem with Uncertain Parameters in Just in Time System. Lecture Notes in Computer Science, 2014, , 456-467.	1.3	1
71	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
72	Solving the Flexible Job Shop Problem on GPU. Lecture Notes in Computer Science, 2012, , 387-394.	1.3	1

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73	Parallel Cost Function Determination on GPU forÂthe Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 778-788.	1.3	1
74	Parallel Coevolutionary Algorithm for Three-Dimensional Bin Packing Problem. Lecture Notes in Computer Science, 2015, , 319-328.	1.3	1
75	Robust Tabu Search Algorithm for Planning Rail-Truck Intermodal Freight Transport. Lecture Notes in Computer Science, 2016, , 289-299.	1.3	1
76	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
77	Multi-machine scheduling problem with setup times. Archives of Control Sciences, 2012, 22, 441-449.	1.7	0
78	Parallel Cost Function Determination on GPU for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2012, , 1-10.	1.3	0
79	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
80	The Metamodel of Heritage Preservation for Medical Big Data. Lecture Notes in Computer Science, 2018, , 366-371.	1.3	0
81	Reversed Amdahlâ€™s Law for Hybrid Parallel Computing. Lecture Notes in Computer Science, 2018, , 101-108.	1.3	0
82	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
83	Using Graphs for Modeling and Solving Cyclic Flow Shop with Waiting Time Constraints. Mechanisms and Machine Science, 2022, , 105-124.	0.5	0
84	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
85	Efficient Tabu Search Algorithm for the Cyclic Inspection Problem. Advances in Intelligent Systems and Computing, 2022, , 751-757.	0.6	0
86	Neuro-tabu search approach to scheduling in automotive manufacturing. Neurocomputing, 2021, 452, 435-442.	5.9	0
87	Parallel Hybrid Metaheuristics for the Scheduling with Fuzzy Processing Times. Lecture Notes in Computer Science, 2010, , 379-386.	1.3	0
88	Fast Parallel Cost Function Calculation for the Flow Shop Scheduling Problem. Lecture Notes in Computer Science, 2012, , 378-386.	1.3	0
89	The k-opt algorithm analysis. The flexible job shop case. Advances in Intelligent Systems and Computing, 2017, , 370-377.	0.6	0
90	Steganographic Data Heritage Preservation Using Sharing Images App. Lecture Notes in Computer Science, 2018, , 150-156.	1.3	0

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91	Local Search Metaheuristics with Reduced Searching Diameter. Lecture Notes in Computer Science, 2018, , 447-454.	1.3	0