Mariusz UchroÅ„ski

List of Publications by Year
in descending order

29 papers	240 citations	1307366 7 h-index	996849 15 g-index
30 all docs	30 docs citations	30 times ranked	167 citing authors

#	Article	IF	Citations
1	Parallel hybrid metaheuristics for the flexible job shop problem. Computers and Industrial Engineering, 2010, 59, 323-333.	3.4	70
2	SOLVING RESOURCE-CONSTRAINED CONSTRUCTION SCHEDULING PROBLEMS WITH OVERLAPS BY METAHEURISTIC. Journal of Civil Engineering and Management, 2014, 20, 649-659.	1.9	37
3	Block approach to the cyclic flow shop scheduling. Computers and Industrial Engineering, 2015, 81, 158-166.	3.4	25
4	The new golf neighborhood for the exible job shop problem. Procedia Computer Science, 2010, 1, 289-296.	1.2	22
5	Parallel metaheuristics for the cyclic flow shop scheduling problem. Computers and Industrial Engineering, 2016, 95, 156-163.	3.4	15
6	A Neuro-tabu Search Algorithm for the Job Shop Problem. Lecture Notes in Computer Science, 2010, , 387-394.	1.0	9
7	Determination of thermal preferences based on event analysis. Energy and Buildings, 2018, 166, 210-219.	3.1	8
8	Solving the Flexible Job Shop Problem on Multi-GPU. Procedia Computer Science, 2012, 9, 2020-2023.	1.2	7
9	Detecting anomalies and attacks in network traffic monitoring with classification methods and XAI-based explainability. Procedia Computer Science, 2021, 192, 2259-2268.	1.2	7
10	Parallel Calculating of the Goal Function in Metaheuristics Using GPU. Lecture Notes in Computer Science, 2009, , 1014-1023.	1.0	5
11	Multi-GPU Tabu Search Metaheuristic for the Flexible Job Shop Scheduling Problem. Topics in Intelligent Engineering and Informatics, 2014, , 43-60.	0.4	4
12	Parallel Neuro-Tabu Search Algorithm for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2013, , 489-499.	1.0	4
13	Parallel Tabu Search Algorithm with Uncertain Data for the Flexible Job Shop Problem. Lecture Notes in Computer Science, 2016, , 419-428.	1.0	4
14	Distributed Quantum Annealing on D-Wave for the Single Machine Total Weighted Tardiness Scheduling Problem. Lecture Notes in Computer Science, 2022, , 171-178.	1.0	4
15	Parallel Algorithm with Blocks for a Single-Machine Total Weighted Tardiness Scheduling Problem. Applied Sciences (Switzerland), 2021, 11, 2069.	1.3	3
16	Detection of comfortable temperature based on thermal events detection indoors. E3S Web of Conferences, 2017, 22, 00172.	0.2	2
17	A Job Shop Scheduling Problem with Due Dates Under Conditions of Uncertainty. Lecture Notes in Computer Science, 2021, , 198-205.	1.0	2
18	User Estimates Inaccuracy Study in HPC Scheduler. Advances in Intelligent Systems and Computing, 2019, , 504-514.	0.5	2

#	Article	IF	Citations
19	Parallel estimation of the cost function for the flexible scheduling problemI. Procedia Computer Science, 2011, 4, 2236-2245.	1.2	1
20	Computer module for scheduling of transportation of composite beam bridge structures. MATEC Web of Conferences, 2016, 86, 05015.	0.1	1
21	Parallel patterns determination in solving cyclic flow shop problem with setups. Archives of Control Sciences, 2017, 27, 183-195.	1.7	1
22	Cyclic Two Machine Flow Shop with Disjoint Sequence-Dependent Setups. Studies in Systems, Decision and Control, 2020, , 31-47.	0.8	1
23	Solving the Flexible Job Shop Problem on GPU. Lecture Notes in Computer Science, 2012, , 387-394.	1.0	1
24	Multi-machine scheduling problem with setup times. Archives of Control Sciences, 2012, 22, 441-449.	1.7	0
25	Parallel Cost Function Determination on GPU for the Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2012, , 1-10.	1.0	0
26	Parallel Block-Based Simulated Annealing for the Single Machine Total Weighted Tardiness Scheduling Problem. Advances in Intelligent Systems and Computing, 2022, , 758-765.	0.5	0
27	Fast Parallel Cost Function Calculation for the Flow Shop Scheduling Problem. Lecture Notes in Computer Science, 2012, , 378-386.	1.0	0
28	The k-opt algorithm analysis. The flexible job shop case. Advances in Intelligent Systems and Computing, 2017, , 370-377.	0.5	0
29	Local Search Metaheuristics with Reduced Searching Diameter. Lecture Notes in Computer Science, 2018, , 447-454.	1.0	0