

# Grzegorz Waligóra

## List of Publications by Year in descending order

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42  
papers

979  
citations

566801

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580395

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g-index

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43  
docs citations

43  
times ranked

513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary Algorithm for Scheduling Battery Charging Jobs with Decreasing Power Demands to Minimize the Makespan. , 2021, , .		1
2	LPWAN Networks for Energy Meters Reading and Monitoring Power Supply Network in Intelligent Buildings. Energies, 2021, 14, 7924.	1.6	1
3	Hybrid Quantum Annealing Heuristic Method for Solving Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2020, , 502-515.	1.0	12
4	Scheduling identical jobs with linear resource usage profile to minimize schedule length. , 2019, , .		1
5	On a certain class of power- and energy-related scheduling problems. Discrete Applied Mathematics, 2019, 264, 167-187.	0.5	3
6	Power-Aware Scheduling of Preemptable Independent Jobs on a Single Processor to Meet a Schedule Deadline. , 2018, , .		0
7	Improving energy efficiency of supercomputer systems through software-aided liquid cooling management. Foundations of Computing and Decision Sciences, 2018, 43, 89-103.	0.5	1
8	Metaheuristics for some discrete-continuous project scheduling problems to maximize the net present value. , 2017, , .		1
9	Energy-aware scheduling of jobs performed sequentially. , 2017, , .		0
10	Comparative Analysis of Some Metaheuristics for Discrete-Continuous Project Scheduling with Activities of Identical Processing Rates. Asia-Pacific Journal of Operational Research, 2016, 33, 1650015.	0.9	3
11	Heuristic solving some discrete-continuous project scheduling problems with discounted cash flows. , 2016, , .		2
12	Optimal allocation of power " Graphical interpretation of some scheduling problem. , 2016, , .		0
13	Discrete-continuous project scheduling with preemptable activities. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2016, 64, 383-393.	0.8	1
14	Scheduling preemptable jobs on identical processors under varying availability of an additional continuous resource. International Journal of Applied Mathematics and Computer Science, 2016, 26, 693-706.	1.5	2
15	Genetic algorithm for a discrete-continuous project scheduling problem with discounted cash flows. , 2015, , .		0
16	Overview and State of the Art. , 2015, , 445-490.		16
17	Scheduling Computational and Transmission Tasks in Computational Grids. , 2015, , 1205-1225.		1
18	Algorithm for optimal allocation of a continuous resource varying over time. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Simulated Annealing and Tabu Search for Discrete-Continuous Project Scheduling with Discounted Cash Flows. <i>RAIRO - Operations Research</i> , 2014, 48, 1-24.	1.0	17
20	Discrete-continuous project scheduling with discounted cash inflows and various payment models – a review of recent results. <i>Annals of Operations Research</i> , 2014, 213, 319-340.	2.6	18
21	Some new concepts of setup costs in multimode resource-constrained project scheduling problem. , 2012, , .		2
22	Local search metaheuristics for some discrete-continuous project scheduling problems with discounted cash flows. , 2011, , .		0
23	Modelling and solving grid resource allocation problem with network resources for workflow applications. <i>Journal of Scheduling</i> , 2011, 14, 291-306.	1.3	21
24	Heuristic approaches to discrete-continuous project scheduling problems to minimize the makespan. <i>Computational Optimization and Applications</i> , 2011, 48, 399-421.	0.9	23
25	Project scheduling with finite or infinite number of activity processing modes – A survey. <i>European Journal of Operational Research</i> , 2011, 208, 177-205.	3.5	230
26	New resource concepts in project scheduling including multi-site resources with transportation network. , 2010, , .		1
27	Tabu search for discrete-continuous scheduling problems with heuristic continuous resource allocation. <i>European Journal of Operational Research</i> , 2009, 193, 849-856.	3.5	31
28	Activity sequencing in some discrete-continuous project scheduling problems with discounted cash inflows. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 83-88.	0.4	0
29	Project scheduling problem with multiple modes, multisite renewable resources and transportation network. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 224-227.	0.4	0
30	Discrete-continuous project scheduling with discounted cash flows – A tabu search approach. <i>Computers and Operations Research</i> , 2008, 35, 2141-2153.	2.4	49
31	Tabu search for multi-mode resource-constrained project scheduling with schedule-dependent setup times. <i>European Journal of Operational Research</i> , 2008, 187, 1238-1250.	3.5	86
32	Modelling Setup Times in Project Scheduling. , 2006, , 131-163.		15
33	Simulated annealing and tabu search for multi-mode resource-constrained project scheduling with positive discounted cash flows and different payment models. <i>European Journal of Operational Research</i> , 2005, 164, 639-668.	3.5	140
34	An Almost Optimal Heuristic for Preemptive Cmax Scheduling of Dependent Tasks on Parallel Identical Machines. <i>Annals of Operations Research</i> , 2004, 129, 205-216.	2.6	8
35	A Metaheuristic Approach to Scheduling Workflow Jobs on a Grid. <i>Profiles in Operations Research</i> , 2004, , 295-318.	0.3	7
36	A Performance Analysis of Tabu Search for Discrete-Continuous Scheduling Problems. <i>Applied Optimization</i> , 2003, , 385-404.	0.4	1

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37	A heuristic approach to allocating the continuous resource in discrete-continuous scheduling problems to minimize the makespan. <i>Journal of Scheduling</i> , 2002, 5, 487-499.	1.3	31
38	Tabu list management methods for a discrete-continuous scheduling problem. <i>European Journal of Operational Research</i> , 2002, 137, 288-302.	3.5	27
39	Simulated Annealing for Multi-Mode Resource-Constrained Project Scheduling. <i>Annals of Operations Research</i> , 2001, 102, 137-155.	2.6	149
40	Solving the discrete-continuous project scheduling problem via its discretization. <i>Mathematical Methods of Operations Research</i> , 2000, 52, 489-499.	0.4	21
41	Discrete-continuous scheduling to minimize the makespan for power processing rates of jobs. <i>Discrete Applied Mathematics</i> , 1999, 94, 263-285.	0.5	17
42	Local search metaheuristics for discrete-continuous scheduling problems. <i>European Journal of Operational Research</i> , 1998, 107, 354-370.	3.5	40