

# Roland Braune

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9137499/publications.pdf>

Version: 2024-02-01

24  
papers

213  
citations

1307543

7  
h-index

1281846

11  
g-index

33  
all docs

33  
docs citations

33  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic radiotherapy appointment scheduling. Central European Journal of Operations Research, 2022, 30, 1239-1277.	1.8	7
2	A genetic programming learning approach to generate dispatching rules for flexible shop scheduling problems. International Journal of Production Economics, 2022, 243, 108342.	8.9	21
3	A hybrid metaheuristic solution approach for the cobot assignment and job shop scheduling problem. Journal of Industrial Information Integration, 2022, 28, 100350.	6.4	7
4	Multi-objective simulation optimization for complex urban mass rapid transit systems. Annals of Operations Research, 2021, 305, 449-486.	4.1	8
5	Population-based simulation optimization for urban mass rapid transit networks. Flexible Services and Manufacturing Journal, 2020, 32, 767-805.	3.4	6
6	Scheduling recurring radiotherapy appointments in an ion beam facility. Journal of Scheduling, 2019, 22, 137-154.	1.9	15
7	A machine learning approach for flow shop scheduling problems with alternative resources, sequence-dependent setup times, and blocking. OR Spectrum, 2019, 41, 871-893.	3.4	14
8	Lower bounds for a bin packing problem with linear usage cost. European Journal of Operational Research, 2019, 274, 49-64.	5.7	5
9	A Multi-encoded Genetic Algorithm Approach to Scheduling Recurring Radiotherapy Treatment Activities with Alternative Resources, Optional Activities, and Time Window Constraints. Lecture Notes in Computer Science, 2018, , 373-382.	1.3	3
10	SIMULATION-BASED HEADWAY OPTIMIZATION FOR A SUBWAY NETWORK: A PERFORMANCE COMPARISON OF POPULATION-BASED ALGORITHMS. , 2018, , .		2
11	Real-world flexible resource profile scheduling with multiple criteria: learning scalarization functions for MIP and heuristic approaches. Journal of the Operational Research Society, 2017, 68, 952-972.	3.4	2
12	A discrete event simulation model of the Viennese subway system for decision support and strategic planning. , 2016, , .		5
13	Shifting bottleneck scheduling for total weighted tardiness minimizationâ€”A computational evaluation of subproblem and re-optimization heuristics. Computers and Operations Research, 2016, 66, 130-140.	4.0	10
14	Enhancing local search algorithms for job shops with min-sum objectives by approximate move evaluation. Journal of Scheduling, 2013, 16, 495-518.	1.9	7
15	Integration between flow scheduling and personnel allocation in a parallel line system in automotive industry. Journal of Business Economics, 2012, 82, 417-432.	1.9	2
16	An exact approach for single machine subproblems in shifting bottleneck procedures for job shops with total weighted tardiness objective. European Journal of Operational Research, 2012, 218, 76-85.	5.7	12
17	Lower bounds for single machine subproblems occurring in weighted tardiness oriented shifting bottleneck procedures. , 2011, , .		2
18	Metaheuristic Search Concepts. , 2010, , .		56

#	ARTICLE	IF	CITATIONS
19	Summarizing Remarks on Metaheuristics. , 2010, , 145-155.		1
20	Metaheuristics in Machine Scheduling. , 2010, , 159-235.		0
21	A Computational Study of Lower Bounding Schemes for Total Weighted Tardiness Job Shops. , 2009, , .		2
22	Optimization Methods for Large-Scale Production Scheduling Problems. , 2007, , 812-819.		4
23	Benefits of Plugin-Based Heuristic Optimization Software Systems. , 2007, , 747-754.		18
24	Bandit-Based Monte-Carlo Planning for the Single-Machine Total Weighted Tardiness Scheduling Problem. , 2007, , 837-844.		0