

Pieter Vansteenwegen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5098937/pieter-vansteenwegen-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

3,344

citations

29

h-index

57

g-index

93

ext. papers

3,911

ext. citations

3.9

avg, IF

5.71

L-index

#	Paper	IF	Citations
88	The orienteering problem: A survey. <i>European Journal of Operational Research</i> , 2011 , 209, 1-10	5.6	564
87	Orienteering Problem: A survey of recent variants, solution approaches and applications. <i>European Journal of Operational Research</i> , 2016 , 255, 315-332	5.6	279
86	Iterated local search for the team orienteering problem with time windows. <i>Computers and Operations Research</i> , 2009 , 36, 3281-3290	4.6	202
85	The City Trip Planner: An expert system for tourists. <i>Expert Systems With Applications</i> , 2011 , 38, 6540-6546	4.6	163
84	A PERSONALIZED TOURIST TRIP DESIGN ALGORITHM FOR MOBILE TOURIST GUIDES. <i>Applied Artificial Intelligence</i> , 2008 , 22, 964-985	2.3	145
83	Joint maintenance and inventory optimization systems: A review. <i>International Journal of Production Economics</i> , 2013 , 143, 499-508	9.3	141
82	A guided local search metaheuristic for the team orienteering problem. <i>European Journal of Operational Research</i> , 2009 , 196, 118-127	5.6	130
81	The Mobile Tourist Guide: An OR Opportunity. <i>OR Insight</i> , 2007 , 20, 21-27		130
80	Developing railway timetables which guarantee a better service. <i>European Journal of Operational Research</i> , 2006 , 173, 337-350	5.6	103
79	A Path Relinking approach for the Team Orienteering Problem. <i>Computers and Operations Research</i> , 2010 , 37, 1853-1859	4.6	95
78	Decreasing the passenger waiting time for an intercity rail network. <i>Transportation Research Part B: Methodological</i> , 2007 , 41, 478-492	7.2	85
77	The Multiconstraint Team Orienteering Problem with Multiple Time Windows. <i>Transportation Science</i> , 2013 , 47, 53-63	4.4	84
76	Integrating public transportation in personalised electronic tourist guides. <i>Computers and Operations Research</i> , 2013 , 40, 758-774	4.6	71
75	A fast solution method for the time-dependent orienteering problem. <i>European Journal of Operational Research</i> , 2014 , 236, 419-432	5.6	54
74	Reducing the passenger travel time in practice by the automated construction of a robust railway timetable. <i>Transportation Research Part B: Methodological</i> , 2016 , 84, 124-156	7.2	48
73	The planning of cycle trips in the province of East Flanders. <i>Omega</i> , 2011 , 39, 209-213	7.2	46
72	Heuristics for the traveling repairman problem with profits. <i>Computers and Operations Research</i> , 2013 , 40, 1700-1707	4.6	45

71	An iterated local search algorithm for the single-vehicle cyclic inventory routing problem. <i>European Journal of Operational Research</i> , 2014 , 237, 802-813	5.6	44
70	A review of cutting path algorithms for laser cutters. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 87, 1865-1884	3.2	42
69	A variable neighborhood search method for the orienteering problem with hotel selection. <i>International Journal of Production Economics</i> , 2013 , 145, 150-160	9.3	41
68	A memetic algorithm for the orienteering problem with hotel selection. <i>European Journal of Operational Research</i> , 2014 , 237, 29-49	5.6	38
67	Improving the robustness in railway station areas. <i>European Journal of Operational Research</i> , 2014 , 235, 276-286	5.6	37
66	The travelling salesperson problem with hotel selection. <i>Journal of the Operational Research Society</i> , 2012 , 63, 207-217	2	37
65	Tourist Trip Planning Functionalities: State of the Art and Future. <i>Lecture Notes in Computer Science</i> , 2010 , 474-485	0.9	37
64	Integrating robust timetabling in line plan optimization for railway systems. <i>Transportation Research Part C: Emerging Technologies</i> , 2017 , 77, 134-160	8.4	36
63	Metaheuristics for Tourist Trip Planning. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2009 , 15-31	0.4	35
62	An improvement heuristic framework for the laser cutting tool path problem. <i>International Journal of Production Research</i> , 2015 , 53, 1761-1776	7.8	33
61	An extension of the arc orienteering problem and its application to cycle trip planning. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014 , 68, 64-78	9	31
60	A memetic algorithm for the travelling salesperson problem with hotel selection. <i>Computers and Operations Research</i> , 2013 , 40, 1716-1728	4.6	30
59	The train platforming problem: The infrastructure management company perspective. <i>Transportation Research Part B: Methodological</i> , 2014 , 61, 55-72	7.2	29
58	Construction heuristics for generating tool paths for laser cutters. <i>International Journal of Production Research</i> , 2014 , 52, 5965-5984	7.8	29
57	Personalized Tourist Route Generation. <i>Lecture Notes in Computer Science</i> , 2010 , 486-497	0.9	26
56	A two-phase algorithm for the cyclic inventory routing problem. <i>European Journal of Operational Research</i> , 2016 , 254, 410-426	5.6	26
55	Solving the stochastic time-dependent orienteering problem with time windows. <i>European Journal of Operational Research</i> , 2016 , 255, 699-718	5.6	26
54	An iterative approach for reducing the impact of infrastructure maintenance on the performance of railway systems. <i>European Journal of Operational Research</i> , 2016 , 252, 39-53	5.6	24

53	Agile earth observation satellite scheduling: An orienteering problem with time-dependent profits and travel times. <i>Computers and Operations Research</i> , 2019 , 111, 84-98	4.6	23
52	Well-tuned algorithms for the Team Orienteering Problem with Time Windows. <i>Journal of the Operational Research Society</i> , 2017 , 68, 861-876	2	19
51	The time-dependent orienteering problem with time windows: a fast ant colony system. <i>Annals of Operations Research</i> , 2017 , 254, 481-505	3.2	18
50	Robust railway station planning: An interaction between routing, timetabling and platforming. <i>Journal of Rail Transport Planning and Management</i> , 2013 , 3, 68-77	2.1	18
49	Solving the mobile mapping van problem: A hybrid metaheuristic for capacitated arc routing with soft time windows. <i>Computers and Operations Research</i> , 2010 , 37, 1870-1876	4.6	17
48	Hybrid Approach for the Public Transportation Time Dependent Orienteering Problem with Time Windows. <i>Lecture Notes in Computer Science</i> , 2010 , 151-158	0.9	17
47	Robust routing and timetabling in complex railway stations. <i>Transportation Research Part B: Methodological</i> , 2017 , 101, 228-244	7.2	16
46	A minimum cost network flow model for the maximum covering and patrol routing problem. <i>European Journal of Operational Research</i> , 2015 , 247, 27-36	5.6	16
45	Cutting Path Optimization Using Tabu Search. <i>Key Engineering Materials</i> , 2011 , 473, 739-748	0.4	15
44	Considering emissions in the transit network design and frequency setting problem with a heterogeneous fleet. <i>European Journal of Operational Research</i> , 2020 , 282, 580-592	5.6	15
43	An Exact Algorithm for Agile Earth Observation Satellite Scheduling with Time-Dependent Profits. <i>Computers and Operations Research</i> , 2020 , 120, 104946	4.6	13
42	Intelligent Routing System for a Personalised Electronic Tourist Guide 2009 , 185-197		12
41	Planning in tourism and public transportation. <i>4or</i> , 2009 , 7, 293-296	1.4	12
40	Trip Planning Functionalities: State of the Art and Future. <i>Information Technology and Tourism</i> , 2010 , 12, 305-315	4.8	12
39	A fast metaheuristic for the travelling salesperson problem with hotel selection. <i>4or</i> , 2015 , 13, 15-34	1.4	11
38	A Mobile Tourist Decision Support System for Small Footprint Devices. <i>Lecture Notes in Computer Science</i> , 2009 , 1248-1255	0.9	11
37	Considering a dynamic impact zone for real-time railway traffic management. <i>Transportation Research Part B: Methodological</i> , 2018 , 111, 39-59	7.2	10
36	Sheet Metal Laser Cutting Tool Path Generation: Dealing with Overlooked Problem Aspects. <i>Key Engineering Materials</i> , 2015 , 639, 517-524	0.4	9

35	A metaheuristic solution approach for the time-constrained project scheduling problem. <i>OR Spectrum</i> , 2017 , 39, 353-371	1.9	7
34	Solving the Agile Earth Observation Satellite Scheduling Problem With Time-Dependent Transition Times. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	7
33	Variable Neighbourhood Descent for Planning Crane Operations in a Train Terminal. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2009 , 83-98	0.4	7
32	A matheuristic algorithm for the vehicle routing problem with cross-docking. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107163	7.5	7
31	A large neighborhood search algorithm to optimize a demand-responsive feeder service. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 127, 103102	8.4	7
30	An Iterated Local Search Algorithm for Agile Earth Observation Satellite Scheduling Problem 2018 ,		7
29	Optimization of supplements and buffer times in passenger robust timetabling. <i>Journal of Rail Transport Planning and Management</i> , 2017 , 7, 171-186	2.1	6
28	Personalized Multi-day Trips to Touristic Regions: A Hybrid GA-VND Approach. <i>Lecture Notes in Computer Science</i> , 2014 , 194-205	0.9	6
27	A survey on demand-responsive public bus systems. <i>Transportation Research Part C: Emerging Technologies</i> , 2022 , 137, 103573	8.4	5
26	Automated Parameterisation of a Metaheuristic for the Orienteering Problem. <i>Studies in Computational Intelligence</i> , 2008 , 255-269	0.8	5
25	A Detailed Analysis of Two Metaheuristics for the Team Orienteering Problem. <i>Lecture Notes in Computer Science</i> , 2009 , 110-114	0.9	3
24	Towards a conflict prevention strategy applicable for real-time railway traffic management. <i>Journal of Rail Transport Planning and Management</i> , 2019 , 11, 100139	2.1	2
23	An Exact Solution Approach for the Bus Line Planning Problem with Integrated Passenger Routing. <i>Journal of Advanced Transportation</i> , 2021 , 2021, 1-18	1.9	2
22	A survey on the transit network design and frequency setting problem. <i>Public Transport</i> , 1	2.1	2
21	Other Orienteering Problem Variants. <i>EURO Advanced Tutorials on Operational Research</i> , 2019 , 95-112	0.8	2
20	State-of-the-Art Solution Techniques for OP and TOP. <i>EURO Advanced Tutorials on Operational Research</i> , 2019 , 41-66	0.8	2
19	A Matheuristic Iterative Approach for Profit-Oriented Line Planning Applied to the Chinese High-Speed Railway Network. <i>Journal of Advanced Transportation</i> , 2020 , 2020, 1-18	1.9	2
18	Automated platforming & routing of trains in all Belgian railway stations. <i>Expert Systems With Applications</i> , 2016 , 62, 302-316	7.8	2

17	The grid based approach, a fast local evaluation technique for line planning. <i>4or</i> ,1	1.4	2
16	Practical Macroscopic Evaluation and Comparison of Railway Timetables. <i>Transportation Research Procedia</i> , 2015 , 10, 625-633	2.4	1
15	An Integrated Perspective on Traffic Management and Logistic Optimization 2015 ,		1
14	The Mobile Mapping Van Problem: a matheuristic for capacitated arc routing with soft time windows and depot selection. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 1114-1119		1
13	Automated, Passenger Time Optimal, Robust Timetabling, Using Integer Programming. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 87-92	0.2	1
12	Two-phase Matheuristic for the vehicle routing problem with reverse cross-docking. <i>Annals of Mathematics and Artificial Intelligence</i> ,1	0.8	1
11	Simulated Annealing for the Multi-Vehicle Cyclic Inventory Routing Problem 2019 ,		1
10	Large neighborhood search for the bike request scheduling problem. <i>International Transactions in Operational Research</i> , 2020 , 27, 2695-2714	2.9	1
9	Algorithm Selection for the Team Orienteering Problem. <i>Lecture Notes in Computer Science</i> , 2022 , 33-45	0.9	1
8	Time dependent orienteering problem with time windows and service time dependent profits. <i>Computers and Operations Research</i> , 2022 , 143, 105794	4.6	1
7	Definitions and Mathematical Models of OP Variants. <i>EURO Advanced Tutorials on Operational Research</i> , 2019 , 21-32	0.8	0
6	Applications of the OP. <i>EURO Advanced Tutorials on Operational Research</i> , 2019 , 83-93	0.8	0
5	State-of-the-Art Solution Techniques for OPTW and TOPTW. <i>EURO Advanced Tutorials on Operational Research</i> , 2019 , 67-81	0.8	0
4	Definitions and Mathematical Models of Single Vehicle Routing Problems with Profits. <i>EURO Advanced Tutorials on Operational Research</i> , 2019 , 7-19	0.8	0
3	The Multi-Vehicle Cyclic Inventory Routing Problem: Formulation and a Metaheuristic Approach. <i>Computers and Industrial Engineering</i> , 2021 , 157, 107320	6.4	0
2	Designing bus line plans for realistic cases - the Utrecht case study. <i>Expert Systems With Applications</i> , 2022 , 187, 115918	7.8	0
1	The design of a Flexible Bus Line Plan. <i>Expert Systems With Applications</i> , 2022 , 117352	7.8	