

Dirk Mattfeld

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8111665/dirk-mattfeld-publications-by-citations.pdf>

Version: 2024-04-29

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.

70
papers

1,595
citations

21
h-index

38
g-index

75
ext. papers

1,958
ext. citations

3.4
avg. IF

5.17
L-index

#	Paper	IF	Citations
70	Production scheduling and rescheduling with genetic algorithms. <i>Evolutionary Computation</i> , 1999 , 7, 1-17	4.3	205
69	Understanding Bike-Sharing Systems using Data Mining: Exploring Activity Patterns. <i>Procedia, Social and Behavioral Sciences</i> , 2011 , 20, 514-523		190
68	An efficient genetic algorithm for job shop scheduling with tardiness objectives. <i>European Journal of Operational Research</i> , 2004 , 155, 616-630	5.6	122
67	Anticipation and flexibility in dynamic scheduling. <i>International Journal of Production Research</i> , 2005 , 43, 3103-3129	7.8	69
66	Advanced routing for city logistics service providers based on time-dependent travel times. <i>Journal of Computational Science</i> , 2012 , 3, 193-205	3.4	64
65	On permutation representations for scheduling problems. <i>Lecture Notes in Computer Science</i> , 1996 , 310-318		60
64	Floating car based travel times for city logistics. <i>Transportation Research Part C: Emerging Technologies</i> , 2012 , 21, 338-352	8.4	56
63	Evolutionary Search and the Job Shop 1996 ,		54
62	Synergies of Operations Research and Data Mining. <i>European Journal of Operational Research</i> , 2010 , 206, 1-10	5.6	53
61	Budgeting Time for Dynamic Vehicle Routing with Stochastic Customer Requests. <i>Transportation Science</i> , 2018 , 52, 20-37	4.4	43
60	Memetic Algorithm timetabling for non-commercial sport leagues. <i>European Journal of Operational Research</i> , 2004 , 153, 102-116	5.6	40
59	Offline/Online Approximate Dynamic Programming for Dynamic Vehicle Routing with Stochastic Requests. <i>Transportation Science</i> , 2019 , 53, 185-202	4.4	40
58	Strategic and Operational Planning of Bike-Sharing Systems by Data Mining [A Case Study]. <i>Lecture Notes in Computer Science</i> , 2011 , 127-141	0.9	35
57	Temporal and Spatial Clustering for a Parking Prediction Service 2014 ,		33
56	Dynamic Lookahead Policies for Stochastic-Dynamic Inventory Routing in Bike Sharing Systems. <i>Computers and Operations Research</i> , 2019 , 106, 260-279	4.6	32
55	Short-term Strategies for Stochastic Inventory Routing in Bike Sharing Systems. <i>Transportation Research Procedia</i> , 2015 , 10, 364-373	2.4	32
54	Scheduling operations at system choke points with sequence-dependent delays and processing times. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2011 , 47, 669-680	9	28

53	Vehicle Routing for Attended Home Delivery in City Logistics. <i>Procedia, Social and Behavioral Sciences</i> , 2012 , 39, 622-632		27
52	Preemptive depot returns for dynamic same-day delivery. <i>EURO Journal on Transportation and Logistics</i> , 2019 , 8, 327-361	2.4	25
51	Service network design with mixed autonomous fleets. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019 , 124, 40-55	9	25
50	A Hybrid Metaheuristic to Solve the Resource Allocation Problem in Bike Sharing Systems. <i>Lecture Notes in Computer Science</i> , 2014 , 16-29	0.9	21
49	Value function approximation for dynamic multi-period vehicle routing. <i>European Journal of Operational Research</i> , 2018 , 269, 883-899	5.6	20
48	Inventory Routing for Bike Sharing Systems. <i>Transportation Research Procedia</i> , 2016 , 19, 316-327	2.4	20
47	Towards customer-induced service orchestration - requirements for the next step of customer orientation. <i>Electronic Markets</i> , 2019 , 29, 79-91	4.8	19
46	Integration of vehicle routing and resource allocation in a dynamic logistics network. <i>Transportation Research Part C: Emerging Technologies</i> , 2009 , 17, 149-162	8.4	19
45	On modeling stochastic dynamic vehicle routing problems. <i>EURO Journal on Transportation and Logistics</i> , 2020 , 9, 100008	2.4	17
44	GIS-based identification and assessment of suitable meeting point locations for ride-sharing. <i>Transportation Research Procedia</i> , 2017 , 22, 314-324	2.4	16
43	Cooperative Traffic Control Management for City Logistic Routing. <i>Transportation Research Procedia</i> , 2015 , 10, 673-682	2.4	15
42	Anticipation in Dynamic Optimization: The Scheduling Case. <i>Lecture Notes in Computer Science</i> , 2000 , 253-262	0.9	15
41	Model-Based Decision Support in Manufacturing and Service Networks. <i>Business and Information Systems Engineering</i> , 2014 , 6, 17-24	3.8	14
40	Data chain management for planning in city logistics. <i>International Journal of Data Mining, Modelling and Management</i> , 2009 , 1, 335	0.2	14
39	Floating Car Data Based Analysis of Urban Travel Times for the Provision of Traffic Quality. <i>Profiles in Operations Research</i> , 2010 , 129-149	1	13
38	Anticipatory Service Network Design of Bike Sharing Systems. <i>Transportation Research Procedia</i> , 2015 , 10, 355-363	2.4	11
37	HIS modelling and simulation based cost-benefit analysis of a telemedical system for closed-loop diabetes therapy. <i>International Journal of Medical Informatics</i> , 2007 , 76 Suppl 3, S447-55	5.3	11
36	Service Network Design for Same Day Delivery with Mixed Autonomous Fleets. <i>Transportation Research Procedia</i> , 2018 , 30, 23-32	2.4	11

35	Anticipating emission-sensitive traffic management strategies for dynamic delivery routing. <i>Transportation Research, Part D: Transport and Environment</i> , 2018 , 62, 345-361	6.4	10
34	The allocation of storage space for transshipment in vehicle distribution. <i>OR Spectrum</i> , 2006 , 28, 681-703	3.9	10
33	A Rollout Algorithm for Vehicle Routing with Stochastic Customer Requests. <i>Lecture Notes in Logistics</i> , 2016 , 217-227	0.5	9
32	Interactive analysis of discrete-event logistics systems with support of a data warehouse. <i>Computers in Industry</i> , 2011 , 62, 578-586	11.6	9
31	Cost-Efficient and Reliable City Logistics Vehicle Routing with Satellite Locations under Travel Time Uncertainty. <i>Transportation Research Procedia</i> , 2019 , 37, 83-90	2.4	8
30	Anticipatory Planning for Courier, Express and Parcel Services. <i>Lecture Notes in Logistics</i> , 2015 , 313-324	0.5	8
29	Manifest [Kundeninduzierte Orchestrierung komplexer Dienstleistungen. <i>Informatik-Spektrum</i> , 2012 , 35, 399-408	0.3	7
28	Interval Travel Times for More Reliable Routing in City Logistics. <i>Transportation Research Procedia</i> , 2016 , 12, 239-251	2.4	6
27	Exploiting Travel Time Information for Reliable Routing in City Logistics. <i>Transportation Research Procedia</i> , 2015 , 10, 652-661	2.4	5
26	The multi-vehicle stochastic-dynamic inventory routing problem for bike sharing systems. <i>Business Research</i> , 2020 , 13, 69-92	3.8	5
25	Integration of information and optimization models for vehicle routing in urban areas. <i>Procedia, Social and Behavioral Sciences</i> , 2011 , 20, 110-119		4
24	Integrating Resource Management in Service Network Design for Bike-Sharing Systems. <i>Transportation Science</i> , 2020 , 54, 1251-1271	4.4	4
23	Strategic Decision Support for Airside Operations at Commercial Airports. <i>Lecture Notes in Computer Science</i> , 2014 , 132-150	0.9	4
22	Dynamic discretization discovery for the service network design problem with mixed autonomous fleets. <i>Transportation Research Part B: Methodological</i> , 2020 , 141, 164-195	7.2	4
21	Autonomous car and ride sharing: flexible road trains 2016 ,		4
20	Modellbasierte Entscheidungsunterstützung in Produktions- und Dienstleistungsnetzwerken. <i>Business & Information Systems Engineering</i> , 2014 , 56, 21-29		3
19	Evaluation of Alternative Paths for Reliable Routing in City Logistics. <i>Transportation Research Procedia</i> , 2017 , 27, 1195-1202	2.4	3
18	Interval travel times for robust synchronization in city logistics vehicle routing. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020 , 143, 102058	9	3

17	Binary driver-customer familiarity in service routing. <i>European Journal of Operational Research</i> , 2020 , 286, 477-493	5.6	3
16	Stochastic dynamic vehicle routing in the light of prescriptive analytics: A review. <i>European Journal of Operational Research</i> , 2021 , 298, 801-801	5.6	3
15	Cost-Efficient Allocation of Bikes to Stations in Bike Sharing Systems. <i>Lecture Notes in Computer Science</i> , 2017 , 498-512	0.9	2
14	Adaptive State Space Partitioning for Dynamic Decision Processes. <i>Business and Information Systems Engineering</i> , 2019 , 61, 261-275	3.8	2
13	Road Traffic Related Injury Research and Informatics. New Opportunities for Biomedical and Health Informatics as a Contribution to the United Nations Sustainable Development Goals?. <i>Methods of Information in Medicine</i> , 2015 , 54, 474-6	1.5	2
12	Scheduling Logistics Activities in Staged Queues with Sequence-Dependent Changeover and Processing Times 2012 ,		2
11	Simulation based cost-benefit analysis of a telemedical system for closed-loop insulin pump therapy of diabetes. <i>Studies in Health Technology and Informatics</i> , 2006 , 124, 435-40	0.5	2
10	Integrationskonzepte für das taktische und operationale Management von Ladungsträgern 2009 , 261-278		1
9	Service Network Design of Bike Sharing Systems with Resource Constraints. <i>Lecture Notes in Computer Science</i> , 2016 , 352-366	0.9	1
8	Relocation planning with partly autonomous vehicles in car sharing systems. <i>Transportation Research Procedia</i> , 2022 , 62, 213-220	2.4	1
7	Dynamic Routing: Anticipation of Emission-Sensitive Traffic Management. <i>Transportation Research Procedia</i> , 2017 , 22, 419-429	2.4	0
6	Assessing the operational impact of tactical planning models for bike-sharing redistribution. <i>Transportation Research, Part A: Policy and Practice</i> , 2021 , 150, 216-235	3.7	0
5	Call for Papers: Issue 3/2017. <i>Business and Information Systems Engineering</i> , 2015 , 57, 417-418	3.8	
4	The allocation of storage space for transshipment in vehicle distribution 2007 , 267-289		
3	Dynamic Policy Selection for a Stochastic-Dynamic Knapsack Problem. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2019 , 319-327	0.1	
2	Automatic Defect Detection by Classifying Aggregated Vehicular Behavior. <i>Lecture Notes in Computer Science</i> , 2017 , 205-214	0.9	
1	Analytical Modeling for the Strategic Design of Service Systems. <i>International Journal of Strategic Information Technology and Applications</i> , 2012 , 3, 1-15	0.5	