

# Jan Fabian Ehmke

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,357  
citations

393982

19  
h-index

360668

35  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of demand and fulfillment control in dynamic fleet management of ride-sharing systems. <i>Networks</i> , 2022, 79, 314-337.	1.6	7
2	Reliability in public transit networks considering backup itineraries. <i>European Journal of Operational Research</i> , 2022, 300, 852-864.	3.5	2
3	Robot-Based Last-Mile Deliveries With Pedestrian Zones. <i>Frontiers in Future Transportation</i> , 2022, 2, .	1.3	5
4	Traveler-oriented multi-criteria decision support for multimodal itineraries. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 141, 103741.	3.9	1
5	Multi-criteria decision making in dynamic slotting for attended home deliveries. <i>Omega</i> , 2021, 102, 102305.	3.6	12
6	Potential of Shared Taxi Services in Rural Areas – A Case Study. <i>Transportation Research Procedia</i> , 2021, 52, 661-668.	0.8	10
7	Combining Simulation and Optimisation to Design Reliable Transportation Services with Autonomous Fleets. <i>Transportation Research Procedia</i> , 2021, 52, 59-66.	0.8	2
8	Axle Weights in combined Vehicle Routing and Container Loading Problems. <i>EURO Journal on Transportation and Logistics</i> , 2021, 10, 100043.	1.3	11
9	A two-tier urban delivery network with robot-based deliveries. <i>Networks</i> , 2021, 78, 461-483.	1.6	21
10	Solving vehicle routing problems with stochastic and correlated travel times and makespan objectives. <i>EURO Journal on Transportation and Logistics</i> , 2021, 10, 100029.	1.3	3
11	Advanced loading constraints for 3D vehicle routing problems. <i>OR Spectrum</i> , 2021, 43, 835-875.	2.1	5
12	Vertical Stability Constraints in Combined Vehicle Routing and 3D Container Loading Problems. <i>Lecture Notes in Computer Science</i> , 2021, , 442-455.	1.0	1
13	Anticipative Dynamic Slotting for Attended Home Deliveries. <i>SN Operations Research Forum</i> , 2021, 2, 1.	0.6	7
14	Flexible time window management for attended home deliveries. <i>Omega</i> , 2020, 91, 102023.	3.6	36
15	Data-driven planning of reliable itineraries in multi-modal transit networks. <i>Public Transport</i> , 2020, 12, 171-205.	1.7	11
16	Interval travel times for robust synchronization in city logistics vehicle routing. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 143, 102058.	3.7	5
17	An Efficient Insertion Heuristic for On-Demand Ridesharing Services. <i>Transportation Research Procedia</i> , 2020, 47, 107-114.	0.8	2
18	Creation of Individualized Sets of Multimodal Travel Itineraries. <i>Transportation Research Procedia</i> , 2020, 47, 553-560.	0.8	4

#	ARTICLE	IF	CITATIONS
19	The role of operational research in green freight transportation. European Journal of Operational Research, 2019, 274, 807-823.	3.5	121
20	Towards customer-induced service orchestration - requirements for the next step of customer orientation. Electronic Markets, 2019, 29, 79-91.	4.4	29
21	Smart services: The move to customer orientation. Electronic Markets, 2019, 29, 1-6.	4.4	19
22	Liner shipping single service design problem with arrival time service levels. Flexible Services and Manufacturing Journal, 2019, 31, 620-652.	1.9	17
23	Collaborative urban transportation: Recent advances in theory and practice. European Journal of Operational Research, 2019, 273, 801-816.	3.5	204
24	Optimizing for total costs in vehicle routing in urban areas. Transportation Research, Part E: Logistics and Transportation Review, 2018, 116, 242-265.	3.7	39
25	Integrated Planning of Order Capture and Delivery for Attended Deliveries in Metropolitan Areas. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2018, , 435-440.	0.1	2
26	Computational Mobility, Transportation, and Logistics. Business and Information Systems Engineering, 2017, 59, 133-134.	4.0	2
27	Interview with Hanno Schölldorf on "Computational Challenges in Planning of Mobility and Transportation Services". Business and Information Systems Engineering, 2017, 59, 181-182.	4.0	3
28	Cost-Efficient Allocation of Bikes to Stations in Bike Sharing Systems. Lecture Notes in Computer Science, 2017, , 498-512.	1.0	5
29	Evaluation of Alternative Paths for Reliable Routing in City Logistics. Transportation Research Procedia, 2017, 27, 1195-1202.	0.8	4
30	Multi-Criteria Time Window Allocation for Attended Home Deliveries. SSRN Electronic Journal, 2017, , .	0.4	0
31	Classification of Data Analysis Tasks for Production Environments. Lecture Notes in Business Information Processing, 2017, , 399-407.	0.8	1
32	An Effective Large Neighborhood Search for the Team Orienteering Problem with Time Windows. Lecture Notes in Computer Science, 2017, , 3-18.	1.0	6
33	Information Technologies and Analytical Models for Strategic Design of Transportation Infrastructure. Advances in Business Information Systems and Analytics Book Series, 2017, , 300-321.	0.3	0
34	A mathematical programming technique for matching time-stamped records in logistics and transportation systems. Transportation Research Part C: Emerging Technologies, 2016, 69, 375-385.	3.9	4
35	Interval Travel Times for More Reliable Routing in City Logistics. Transportation Research Procedia, 2016, 12, 239-251.	0.8	8
36	Vehicle routing to minimize time-dependent emissions in urban areas. European Journal of Operational Research, 2016, 251, 478-494.	3.5	104

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37	A Mathematical Programming Model for Matching Sequential Activities in Logistics Systems with Tolerance for Erroneous or Missing Data. , 2016, , .		0
38	Data-driven approaches for emissions-minimized paths in urban areas. Computers and Operations Research, 2016, 67, 34-47.	2.4	48
39	Exploiting Travel Time Information for Reliable Routing in City Logistics. Transportation Research Procedia, 2015, 10, 652-661.	0.8	7
40	Integrated timetabling and vehicle scheduling with balanced departure times. OR Spectrum, 2015, 37, 903-928.	2.1	37
41	Application of Discrete-Event Simulation to Capacity Planning at a Commercial Airport. Lecture Notes in Computer Science, 2015, , 719-733.	1.0	0
42	Ensuring service levels in routing problems with time windows and stochastic travel times. European Journal of Operational Research, 2015, 240, 539-550.	3.5	81
43	When Are Deliveries Profitable?. Business and Information Systems Engineering, 2014, 6, 153-163.	4.0	55
44	Customer acceptance mechanisms for home deliveries in metropolitan areas. European Journal of Operational Research, 2014, 233, 193-207.	3.5	104
45	Scheduling Logistics Activities in Staged Queues with Sequence-Dependent Changeover and Processing Times. , 2012, , .		2
46	Advanced routing for city logistics service providers based on time-dependent travel times. Journal of Computational Science, 2012, 3, 193-205.	1.5	77
47	Integration of Information and Optimization Models for Routing in City Logistics. Profiles in Operations Research, 2012, , .	0.3	38
48	Vehicle Routing for Attended Home Delivery in City Logistics. Procedia, Social and Behavioral Sciences, 2012, 39, 622-632.	0.5	40
49	Floating car based travel times for city logistics. Transportation Research Part C: Emerging Technologies, 2012, 21, 338-352.	3.9	67
50	Analytical Modeling for the Strategic Design of Service Systems. International Journal of Strategic Information Technology and Applications, 2012, 3, 1-15.	0.6	0
51	Scheduling operations at system choke points with sequence-dependent delays and processing times. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 669-680.	3.7	34
52	Integration of information and optimization models for vehicle routing in urban areas. Procedia, Social and Behavioral Sciences, 2011, 20, 110-119.	0.5	4
53	Interactive analysis of discrete-event logistics systems with support of a data warehouse. Computers in Industry, 2011, 62, 578-586.	5.7	11
54	Data chain management for planning in city logistics. International Journal of Data Mining, Modelling and Management, 2009, 1, 335.	0.1	19

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55	Anticipative Dynamic Slotting for Attended Home Deliveries. SSRN Electronic Journal, 0, , .	0.4	0