

Frank Meisel

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

3,031
citations

318942

23
h-index

190340

53
g-index

66
all docs

66
docs citations

66
times ranked

1670
citing authors

#	ARTICLE	IF	CITATIONS
1	Interrelated trips in the rural dial-a-ride problem with autonomous vehicles. <i>European Journal of Operational Research</i> , 2022, 303, 201-219.	3.5	8
2	A time-dependent vessel routing problem with speed optimization. <i>European Journal of Operational Research</i> , 2022, 303, 891-907.	3.5	5
3	Eco-labeling of freight transport services: Design, evaluation, and research directions. <i>Journal of Industrial Ecology</i> , 2022, 26, 801-814.	2.8	5
4	A MIP-based heuristic for a single trade routing and scheduling problem in roll-on roll-off shipping. <i>Computers and Operations Research</i> , 2022, 146, 105904.	2.4	4
5	A multi-period analysis of the integrated item-sharing and crowdshipping problem. <i>European Journal of Operational Research</i> , 2021, 292, 483-499.	3.5	12
6	An economic analysis of introducing autonomous ships in a short-sea liner shipping network. <i>International Transactions in Operational Research</i> , 2021, 28, 1740-1764.	1.8	37
7	Optimizing Crane Operations in Ports. , 2021, , 327-334.		0
8	Scheduling ships with uncertain arrival times through the Kiel Canal. <i>Maritime Transport Research</i> , 2021, 2, 100008.	1.5	8
9	Energy-aware decision support models in production environments: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2021, 159, 107456.	3.4	26
10	The aquaculture service vessel routing problem with time dependent travel times and synchronization constraints. <i>Computers and Operations Research</i> , 2021, 134, 105316.	2.4	8
11	A combined dial-a-ride and fixed schedule ferry service for coastal cities. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 153, 306-325.	2.0	4
12	Interday routing and scheduling of multi-skilled teams with consistency consideration and intraday rescheduling. <i>EURO Journal on Transportation and Logistics</i> , 2020, 9, 100012.	1.3	6
13	Emission limits and emission allocation schemes in intermodal freight transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 141, 101963.	3.7	21
14	Analyzing different designs of liner shipping feeder networks: A case study. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 134, 101839.	3.7	13
15	Ferry Service Network Design for Kiel fjord. <i>Lecture Notes in Computer Science</i> , 2020, , 36-51.	1.0	4
16	Analytics and models for maritime logistics and systems. <i>Flexible Services and Manufacturing Journal</i> , 2019, 31, 563-566.	1.9	1
17	Technician teaming and routing with service-, cost- and fairness-objectives. <i>Computers and Industrial Engineering</i> , 2019, 135, 868-880.	3.4	13
18	An exact solution method for the capacitated item-sharing and crowdshipping problem. <i>European Journal of Operational Research</i> , 2019, 279, 589-604.	3.5	33

#	ARTICLE	IF	CITATIONS
19	A multi-period multi-commodity lot-sizing problem with supplier selection, storage selection and discounts for the process industry. <i>European Journal of Operational Research</i> , 2019, 279, 393-406.	3.5	21
20	Planning interrelated voyages with separation requirements in roll-on roll-off shipping. <i>EURO Journal on Transportation and Logistics</i> , 2019, 8, 633-659.	1.3	4
21	Scheduling two-way ship traffic for the Kiel Canal: Model, extensions and a matheuristic. <i>Computers and Operations Research</i> , 2019, 106, 119-132.	2.4	20
22	Heterogeneity of Items in an Integrated Item-Sharing and Crowdshipping Setting. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2019, , 269-275.	0.1	2
23	Emission Oriented vs. Time Oriented Routing in the European Intermodal Rail/Road Freight Transportation Network. <i>Lecture Notes in Logistics</i> , 2019, , 188-202.	0.6	4
24	The integration of item-sharing and crowdshipping: Can collaborative consumption be pushed by delivering through the crowd?. <i>Transportation Research Part B: Methodological</i> , 2018, 111, 227-243.	2.8	58
25	Self-induced learning vs. project-based supplier development for production ramp-up with two supply options. <i>International Journal of Production Economics</i> , 2018, 198, 60-69.	5.1	12
26	Branch-and-Price-and-Cut for the Active-Passive Vehicle-Routing Problem. <i>Transportation Science</i> , 2018, 52, 300-319.	2.6	32
27	Emission rates of intermodal rail/road and road-only transportation in Europe: A comprehensive simulation study. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 65, 421-437.	3.2	45
28	A generalized classification scheme for crane scheduling with interference. <i>European Journal of Operational Research</i> , 2017, 258, 343-357.	3.5	101
29	Designing supply networks under maximum customer order lead times. <i>IIE Transactions</i> , 2016, 48, 921-937.	2.1	3
30	GHG-emission models for assessing the eco-friendliness of road and rail freight transports. <i>Transportation Research Part B: Methodological</i> , 2015, 73, 13-33.	2.8	71
31	A follow-up survey of berth allocation and quay crane scheduling problems in container terminals. <i>European Journal of Operational Research</i> , 2015, 244, 675-689.	3.5	421
32	Ambulance routing for disaster response with patient groups. <i>Computers and Operations Research</i> , 2015, 56, 120-133.	2.4	92
33	The home health care routing and scheduling problem with interdependent services. <i>Health Care Management Science</i> , 2014, 17, 15-30.	1.5	228
34	Synchronized routing of active and passive means of transport. <i>OR Spectrum</i> , 2014, 36, 297-322.	2.1	36
35	The design of Make-to-Order supply networks under uncertainties using simulation and optimisation. <i>International Journal of Production Research</i> , 2014, 52, 6590-6607.	4.9	25
36	Where to dispose of urban green waste? Transportation planning for the maintenance of public green spaces. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 64, 147-162.	2.0	16

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37	Integrated production and intermodal transportation planning in large scale production distribution-networks. Transportation Research, Part E: Logistics and Transportation Review, 2013, 60, 62-78.	3.7	57
38	Workforce routing and scheduling for electricity network maintenance with downtime minimization. European Journal of Operational Research, 2013, 231, 210-228.	3.5	53
39	A Framework for Integrated Berth Allocation and Crane Operations Planning in Seaport Container Terminals. Transportation Science, 2013, 47, 131-147.	2.6	110
40	On Transport Service Selection in Intermodal Rail/Road Distribution Networks. Business Research, 2012, 5, 198-219.	4.0	36
41	Modeling and solving rich quay crane scheduling problems. Computers and Operations Research, 2012, 39, 2063-2078.	2.4	92
42	The quay crane scheduling problem with time windows. Naval Research Logistics, 2011, 58, 619-636.	1.4	53
43	A unified approach for the evaluation of quay crane scheduling models and algorithms. Computers and Operations Research, 2011, 38, 683-693.	2.4	79
44	Modelling the Synchronization of Transport Means in Logistics Service Operations. Lecture Notes in Computer Science, 2011, , 74-85.	1.0	2
45	A Technique to Determine the Right Crane Capacity for a Continuous Quay. Operations Research/ Computer Science Interfaces Series, 2011, , 155-178.	0.3	1
46	Container sequencing for quay cranes with internal reshuffles. OR Spectrum, 2010, 32, 569-591.	2.1	56
47	A survey of berth allocation and quay crane scheduling problems in container terminals. European Journal of Operational Research, 2010, 202, 615-627.	3.5	650
48	Auctioneers and Misdescription: Between Scylla and Charybdis. Modern Law Review, 2010, 73, 1036-1047.	0.1	2
49	Heuristics for the integration of crane productivity in the berth allocation problem. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 196-209.	3.7	197
50	A fast heuristic for quay crane scheduling with interference constraints. Journal of Scheduling, 2009, 12, 345-360.	1.3	156
51	The Berth Allocation Problem with a Cut-and-Run Option. , 2009, , 283-288.		1
52	Integration Concepts for Seaside Operations Planning. Contributions To Management Science, 2009, , 47-54.	0.4	1
53	Quay Crane Scheduling. Contributions To Management Science, 2009, , 85-118.	0.4	1
54	Related Work on Seaside Operations Planning. Contributions To Management Science, 2009, , 31-46.	0.4	0

#	ARTICLE	IF	CITATIONS
55	Maritime Container Transport. Contributions To Management Science, 2009, , 5-15.	0.4	0
56	Integration of Berth Allocation and Crane Assignment to Improve the Resource Utilization at a Seaport Container Terminal. , 2006, , 105-110.		19