

Eva Barrera

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

795
citations

932766

10
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-line rail rapid transit timetabling under dynamic passenger demand. <i>Transportation Research Part B: Methodological</i> , 2014, 70, 134-150.	2.8	203
2	Exact formulations and algorithm for the train timetabling problem with dynamic demand. <i>Computers and Operations Research</i> , 2014, 44, 66-74.	2.4	174
3	Design and analysis of demand-adapted railway timetables. <i>Journal of Advanced Transportation</i> , 2014, 48, 119-137.	0.9	102
4	A short-turning policy for the management of demand disruptions in rapid transit systems. <i>Annals of Operations Research</i> , 2016, 246, 145-166.	2.6	58
5	The integrated rolling stock circulation and depot location problem in railway rapid transit systems. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 109, 115-138.	3.7	44
6	Setting lines frequency and capacity in dense railway rapid transit networks with simultaneous passenger assignment. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 251-267.	2.8	42
7	Optimal Train Reallocation Strategies under Service Disruptions. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 54, 402-413.	0.5	27
8	A Rolling Stock Circulation Model for Railway Rapid Transit Systems. <i>Transportation Research Procedia</i> , 2014, 3, 680-689.	0.8	20
9	Confrontation of Different Objectives in the determination of train scheduling. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 20, 302-312.	0.5	17
10	A methodology for schedule-based paths recommendation in multimodal public transportation networks. <i>Journal of Advanced Transportation</i> , 2013, 47, 319-335.	0.9	13
11	Macroscopic attraction-based simulation of pedestrian mobility: A dynamic individual route-choice approach. <i>European Journal of Operational Research</i> , 2013, 231, 428-442.	3.5	12
12	Mathematical formulations for the bimodal bus-pedestrian social welfare network design problem. <i>Transportation Research Part B: Methodological</i> , 2021, 145, 302-323.	2.8	12
13	Line graphs for a multiplex network. <i>Chaos</i> , 2016, 26, 065309.	1.0	10
14	Analyzing the theoretical capacity of railway networks with a radial-backbone topology. <i>Transportation Research, Part A: Policy and Practice</i> , 2016, 84, 83-92.	2.0	10
15	Transferability of collective transportation line networks from a topological and passenger demand perspective. <i>Networks and Heterogeneous Media</i> , 2015, 10, 1-16.	0.5	10
16	Analyzing connectivity in collective transportation line networks by means of hypergraphs. <i>European Physical Journal: Special Topics</i> , 2013, 215, 93-108.	1.2	8
17	Railway Rapid Transit Timetables with Variable and Elastic Demand. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 111, 538-548.	0.5	8
18	Planning Ecotourism Routes in Nature Parks. <i>SEMA SIMAI Springer Series</i> , 2016, , 189-202.	0.4	6

#	ARTICLE	IF	CITATIONS
19	A biased-randomized discrete-event heuristic for coordinated multi-vehicle container transport across interconnected networks. <i>European Journal of Operational Research</i> , 2022, 302, 348-362.	3.5	6
20	Counting and enumerating feasible rotating schedules by means of Gröbner bases. <i>Mathematics and Computers in Simulation</i> , 2016, 125, 139-151.	2.4	5
21	Train unit scheduling guided by historic capacity provisions and passenger count surveys. <i>Public Transport</i> , 2017, 9, 137-154.	1.7	3
22	Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. <i>Data in Brief</i> , 2020, 33, 106568.	0.5	3
23	Analysis of the selective traveling salesman problem with time-dependent profits. <i>Top</i> , 2023, 31, 165-193.	1.1	2
24	On setting line frequencies and capacities in dense Railway Rapid Transit networks. , 2015, , .		0