Eva Barrena

List of Publications by Year
in descending order

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	Analysis of the selective traveling salesman problem with time-dependent profits. Top, 2023, 31, 165-193.	1.1	2
2	A biased-randomized discrete-event heuristic for coordinated multi-vehicle container transport across interconnected networks. European Journal of Operational Research, 2022, 302, 348-362.	3.5	6
3	Mathematical formulations for the bimodal bus-pedestrian social welfare network design problem. Transportation Research Part B: Methodological, 2021, 145, 302-323.	2.8	12
4	Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. Data in Brief, 2020, 33, 106568.	0.5	3
5	The integrated rolling stock circulation and depot location problem in railway rapid transit systems. Transportation Research, Part E: Logistics and Transportation Review, 2018, 109, 115-138.	3.7	44
6	Train unit scheduling guided by historic capacity provisions and passenger count surveys. Public Transport, 2017, 9, 137-154.	1.7	3
7	A short-turning policy for the management of demand disruptions in rapid transit systems. Annals of Operations Research, 2016, 246, 145-166.	2.6	58
8	Line graphs for a multiplex network. Chaos, 2016, 26, 065309.	1.0	10
9	Setting lines frequency and capacity in dense railway rapid transit networks with simultaneous passenger assignment. Transportation Research Part B: Methodological, 2016, 93, 251-267.	2.8	42
10	Planning Ecotourism Routes in Nature Parks. SEMA SIMAI Springer Series, 2016, , 189-202.	0.4	6
11	Counting and enumerating feasible rotating schedules by means of GrÃ¶bner bases. Mathematics and Computers in Simulation, 2016, 125, 139-151.	2.4	5
12	Analyzing the theoretical capacity of railway networks with a radial-backbone topology. Transportation Research, Part A: Policy and Practice, 2016, 84, 83-92.	2.0	10
13	On setting line frequencies and capacities in dense Railway Rapid Transit networks. , 2015, , .		0
14	Transferability of collective transportation line networks from a topological and passenger demand perspective. Networks and Heterogeneous Media, 2015, 10, 1-16.	0.5	10
15	A Rolling Stock Circulation Model for Railway Rapid Transit Systems. Transportation Research Procedia, 2014, 3, 680-689.	0.8	20
16	Design and analysis of demandâ€adapted railway timetables. Journal of Advanced Transportation, 2014, 48, 119-137.	0.9	102
17	Exact formulations and algorithm for the train timetabling problem with dynamic demand. Computers and Operations Research, 2014, 44, 66-74.	2.4	174
18	Railway Rapid Transit Timetables with Variable and Elastic Demand. Procedia, Social and Behavioral Sciences, 2014, 111, 538-548.	0.5	8

#	Article	IF	Citations
19	Single-line rail rapid transit timetabling under dynamic passenger demand. Transportation Research Part B: Methodological, 2014, 70, 134-150.	2.8	203
20	Macroscopic attraction-based simulation of pedestrian mobility: A dynamic individual route-choice approach. European Journal of Operational Research, 2013, 231, 428-442.	3.5	12
21	Analyzing connectivity in collective transportation line networks by means of hypergraphs. European Physical Journal: Special Topics, 2013, 215, 93-108.	1.2	8
22	A methodology for scheduleâ€based paths recommendation in multimodal public transportation networks. Journal of Advanced Transportation, 2013, 47, 319-335.	0.9	13
23	Optimal Train Reallocation Strategies under Service Disruptions. Procedia, Social and Behavioral Sciences, 2012, 54, 402-413.	0.5	27
24	Confrontation of Different Objectives in the determination of train scheduling. Procedia, Social and Behavioral Sciences, 2011, 20, 302-312.	0.5	17