

Eva Barrena

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

795
citations

933447
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642732
23
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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. | 1.6 | 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. | 5.7 | 6 |
| 3 | Mathematical formulations for the bimodal bus-pedestrian social welfare network design problem. Transportation Research Part B: Methodological, 2021, 145, 302-323. | 5.9 | 12 |
| 4 | Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. Data in Brief, 2020, 33, 106568. | 1.0 | 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. | 7.4 | 44 |
| 6 | Train unit scheduling guided by historic capacity provisions and passenger count surveys. Public Transport, 2017, 9, 137-154. | 2.7 | 3 |
| 7 | A short-turning policy for the management of demand disruptions in rapid transit systems. Annals of Operations Research, 2016, 246, 145-166. | 4.1 | 58 |
| 8 | Line graphs for a multiplex network. Chaos, 2016, 26, 065309. | 2.5 | 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. | 5.9 | 42 |
| 10 | Planning Ecotourism Routes in Nature Parks. SEMA SIMAI Springer Series, 2016, , 189-202. | 0.7 | 6 |
| 11 | Counting and enumerating feasible rotating schedules by means of Gr bner bases. Mathematics and Computers in Simulation, 2016, 125, 139-151. | 4.4 | 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. | 4.2 | 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. | 1.1 | 10 |
| 15 | A Rolling Stock Circulation Model for Railway Rapid Transit Systems. Transportation Research Procedia, 2014, 3, 680-689. | 1.5 | 20 |
| 16 | Design and analysis of demand adapted railway timetables. Journal of Advanced Transportation, 2014, 48, 119-137. | 1.7 | 102 |
| 17 | Exact formulations and algorithm for the train timetabling problem with dynamic demand. Computers and Operations Research, 2014, 44, 66-74. | 4.0 | 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. | 5.9 | 203 |
| 20 | Macroscopic attraction-based simulation of pedestrian mobility: A dynamic individual route-choice approach. European Journal of Operational Research, 2013, 231, 428-442. | 5.7 | 12 |
| 21 | Analyzing connectivity in collective transportation line networks by means of hypergraphs. European Physical Journal: Special Topics, 2013, 215, 93-108. | 2.6 | 8 |
| 22 | A methodology for schedule-based paths recommendation in multimodal public transportation networks. Journal of Advanced Transportation, 2013, 47, 319-335. | 1.7 | 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 |