

Antonio Polimeni

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

784
citations

516561

16
h-index

552653

26
g-index

55
all docs

55
docs citations

55
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric vehicle charging infrastructure planning in a road network. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 80, 98-108.	8.2	94
2	Optimal allocation of electric vehicle charging stations in a highway network: Part 1. Methodology and test application. <i>Journal of Energy Storage</i> , 2020, 27, 101102.	3.9	47
3	Freight vehicle routing with reliable link travel times: a method based on network fundamental diagram. <i>Transportation Letters</i> , 2018, 10, 159-171.	1.8	46
4	Planning urban distribution center location with variable restocking demand scenarios: General methodology and testing in a medium-size town. <i>Transport Policy</i> , 2019, 80, 157-166.	3.4	39
5	Transport models and intelligent transportation system to support urban evacuation planning process. <i>IET Intelligent Transport Systems</i> , 2016, 10, 279-286.	1.7	35
6	Safety of users in road evacuation: design of path choice models for emergency vehicles. <i>WIT Transactions on the Built Environment</i> , 2007, , .	0.0	34
7	Safety of users in road evacuation: algorithms for path design of emergency vehicles. <i>WIT Transactions on the Built Environment</i> , 2008, , .	0.0	34
8	Travel Time Forecasting and Dynamic Routes Design for Emergency Vehicles. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 87, 193-202.	0.5	31
9	Assessing the Potential of Short Sea Shipping and the Benefits in Terms of External Costs: Application to the Mediterranean Basin. <i>Sustainability</i> , 2020, 12, 5383.	1.6	28
10	Optimal allocation of electric vehicle charging stations in a highway network: Part 2. The Italian case study. <i>Journal of Energy Storage</i> , 2019, 26, 101015.	3.9	27
11	Safety of users in road evacuation: modelling and DSS for paths design of emergency vehicles. <i>WIT Transactions on Ecology and the Environment</i> , 2009, , .	0.0	26
12	Vehicle routing in urban areas: an optimal approach with cost function calibration. <i>Transportmetrica B</i> , 2014, 2, 1-19.	1.4	23
13	Road Accident Analysis with Data Mining Approach: evidence from Rome. <i>Transportation Research Procedia</i> , 2022, 62, 798-805.	0.8	22
14	From single path to vehicle routing: The retailer delivery approach. <i>Procedia, Social and Behavioral Sciences</i> , 2010, 2, 6378-6386.	0.5	21
15	Optimising Waiting at Nodes in Time-Dependent Networks: Cost Functions and Applications. <i>Journal of Optimization Theory and Applications</i> , 2013, 156, 805-818.	0.8	21
16	Aggregate delivery tour modeling through AVM data: experimental evidence for light goods vehicles. <i>Transportation Letters</i> , 2021, 13, 201-208.	1.8	18
17	Dynamic vehicle routing in road evacuation: a model for route design. , 2011, , .		17
18	Agent-Based Simulation of urban goods distribution: a literature review. <i>Transportation Research Procedia</i> , 2018, 30, 33-42.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Private Car O-D Flow Estimation Based on Automated Vehicle Monitoring Data: Theoretical Issues and Empirical Evidence. Information (Switzerland), 2021, 12, 493.	1.7	15
20	An Innovative Methodology for Micro-Mobility Network Planning. Transportation Research Procedia, 2022, 60, 20-27.	0.8	15
21	Freight distribution with electric vehicles: A case study in Sicily. RES, infrastructures and vehicle routing. Transportation Engineering, 2021, 3, 100047.	2.3	14
22	Dynamic vehicle routing in road evacuation: route design experimentation. WIT Transactions on the Built Environment, 2011, , .	0.0	14
23	Urban Freight Vehicle Flows: an Analysis of Freight Delivery Patterns through Floating Car Data. Transportation Research Procedia, 2020, 47, 409-416.	0.8	13
24	Bus Travel Time: Experimental Evidence and Forecasting. Forecasting, 2020, 2, 309-322.	1.6	10
25	Exploring on-demand service use in large urban areas: the case of Rome. Archives of Transport, 2019, 50, 77-90.	0.4	10
26	A methodology to design and assess scenarios within SULPs: the case of Bologna. Transportation Research Procedia, 2020, 46, 269-276.	0.8	9
27	A tool for tracing emergency vehicles during evacuation. WIT Transactions on the Built Environment, 2010, , .	0.0	9
28	Understanding Taxi Travel Demand Patterns Through Floating Car Data. Advances in Intelligent Systems and Computing, 2019, , 445-452.	0.5	8
29	An approach to designing vehicle routes in evacuation conditions. WIT Transactions on Information and Communication Technologies, 2010, , .	0.0	7
30	A Procedure for an Integrated Network and Vehicle Routing Optimisation Problem. Procedia, Social and Behavioral Sciences, 2012, 54, 65-74.	0.5	6
31	Shared Autonomous Electrical Vehicles and Urban Mobility: A Vision for Rome in 2035. Advances in Intelligent Systems and Computing, 2019, , 772-779.	0.5	6
32	A comparison of vehicle routing approaches with link costs variability: an application for a city logistic plan. WIT Transactions on the Built Environment, 2013, , .	0.0	6
33	Joint network and route optimization in road evacuation. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	6
34	Exploring Temporal and Spatial Structure of Urban Road Accidents: Some Empirical Evidences from Rome. Advances in Intelligent Systems and Computing, 2019, , 147-155.	0.5	6
35	Forecasting Delivery Pattern through Floating Car Data: Empirical Evidence. Future Transportation, 2021, 1, 707-719.	1.3	6
36	Estimating Path Choice Models through Floating Car Data. Forecasting, 2022, 4, 525-537.	1.6	6

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37	A Model to Simulate Multimodality in a Mesoscopic Dynamic Network Loading Framework. Journal of Advanced Transportation, 2017, 2017, 1-16.	0.9	5
38	A meso-simulation approach for the estimation of traffic flows in presence of automated vehicles. Transportation Research Procedia, 2020, 47, 481-488.	0.8	5
39	Freight distribution with electric vehicles: A case study in Sicily. Delivery van development. Transportation Engineering, 2021, 3, 100048.	2.3	5
40	A Hybrid Electric Fuel Cell Minibus: Drive Test. World Electric Vehicle Journal, 2016, 8, 131-138.	1.6	4
41	Revealing urban goods movements: empirical evidences from some European cities. Transportation Research Procedia, 2018, 30, 275-284.	0.8	4
42	Path Choice Models in Stochastic Assignment: Implementation and Comparative Analysis. Frontiers in Future Transportation, 0, 3, .	1.3	4
43	An Approach for Solving Vehicle Routing Problem with Link Cost Variability in the Time. Procedia, Social and Behavioral Sciences, 2012, 39, 607-621.	0.5	2
44	Sharing Mobility: Lane Accommodation in Urban Road Networks with Automated Vehicles. , 2018, , .		2
45	The role of optimization models for rescue vehicles routes in evacuation. WIT Transactions on Information and Communication Technologies, 2012, , .	0.0	2
46	An integrated approach for road, transit design in a city logistic plan: a case study. WIT Transactions on the Built Environment, 2013, , .	0.0	2
47	The role of ITS in evacuation route optimization for emergency vehicles. WIT Transactions on Information and Communication Technologies, 2012, , .	0.0	2
48	A Mesoscopic Approach to Model Route Choice in Emergency Conditions. Springer Proceedings in Mathematics and Statistics, 2017, , 547-555.	0.1	1
49	The vehicle routing problem in urban networks: an approach based on a network fundamental diagram. WIT Transactions on Ecology and the Environment, 2014, , .	0.0	1
50	URBAN TRANSPORT PLANNING AND ENERGY RESOURCES: ELECTRIC VEHICLE ROUTING WITH RELIABLE LINK TRAVEL TIMES. WIT Transactions on Ecology and the Environment, 2019, , .	0.0	1
51	Reverse Assignment Formulation in Evacuation Simulation. Transportation Research Procedia, 2014, 3, 241-248.	0.8	0
52	Simulation, design and structure of ITS models for supporting evacuation in smart cities. , 2013, , .		0
53	A beforeâ€“after analysis for the design problem on an urban road network. , 2013, , .		0
54	A Method for Topological Transit Network Design in Urban Area. Advances in Intelligent Systems and Computing, 2014, , 151-161.	0.5	0

#	ARTICLE	IF	CITATIONS
55	Signal settings design problem with an analytical approach: application in an urban area. , 2014, , .		0