Antonio Polimeni

List of Publications by Year
in descending order

55	784	516561 16	552653 26
papers	citations	h-index	g-index

55	55	55	503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Innovative Methodology for Micro-Mobility Network Planning. Transportation Research Procedia, 2022, 60, 20-27.	0.8	15
2	Road Accident Analysis with Data Mining Approach: evidence from Rome. Transportation Research Procedia, 2022, 62, 798-805.	0.8	22
3	Estimating Path Choice Models through Floating Car Data. Forecasting, 2022, 4, 525-537.	1.6	6
4	Aggregate delivery tour modeling through AVM data: experimental evidence for light goods vehicles. Transportation Letters, 2021, 13, 201-208.	1.8	18
5	Freight distribution with electric vehicles: A case study in Sicily. RES, infrastructures and vehicle routing. Transportation Engineering, 2021, 3, 100047.	2.3	14
6	Freight distribution with electric vehicles: A case study in Sicily. Delivery van development. Transportation Engineering, 2021, 3, 100048.	2.3	5
7	Forecasting Delivery Pattern through Floating Car Data: Empirical Evidence. Future Transportation, 2021, 1, 707-719.	1.3	6
8	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
9	Optimal allocation of electric vehicle charging stations in a highway network: Part 1. Methodology and test application. Journal of Energy Storage, 2020, 27, 101102.	3.9	47
10	Assessing the Potential of Short Sea Shipping and the Benefits in Terms of External Costs: Application to the Mediterranean Basin. Sustainability, 2020, 12, 5383.	1.6	28
11	Bus Travel Time: Experimental Evidence and Forecasting. Forecasting, 2020, 2, 309-322.	1.6	10
12	A methodology to design and assess scenarios within SULPs: the case of Bologna. Transportation Research Procedia, 2020, 46, 269-276.	0.8	9
13	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
14	Urban Freight Vehicle Flows: an Analysis of Freight Delivery Patterns through Floating Car Data. Transportation Research Procedia, 2020, 47, 409-416.	0.8	13
15	Planning urban distribution center location with variable restocking demand scenarios: General methodology and testing in a medium-size town. Transport Policy, 2019, 80, 157-166.	3.4	39
16	Optimal allocation of electric vehicle charging stations in a highway network: Part 2. The Italian case study. Journal of Energy Storage, 2019, 26, 101015.	3.9	27
17	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
18	Understanding Taxi Travel Demand Patterns Through Floating Car Data. Advances in Intelligent Systems and Computing, 2019, , 445-452.	0.5	8

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19	Exploring on-demand service use in large urban areas: the case of Rome. Archives of Transport, 2019, 50, 77-90.	0.4	10
20	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
21	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
22	Freight vehicle routing with reliable link travel times: a method based on network fundamental diagram. Transportation Letters, 2018, 10, 159-171.	1.8	46
23	Sharing Mobility: Lane Accommodation in Urban Road Networks with Automated Vehicles. , 2018, , .		2
24	Agent-Based Simulation of urban goods distribution: a literature review. Transportation Research Procedia, 2018, 30, 33-42.	0.8	15
25	Revealing urban goods movements: empirical evidences from some European cities. Transportation Research Procedia, 2018, 30, 275-284.	0.8	4
26	Electric vehicle charging infrastructure planning in a road network. Renewable and Sustainable Energy Reviews, 2017, 80, 98-108.	8.2	94
27	A Mesoscopic Approach to Model Route Choice in Emergency Conditions. Springer Proceedings in Mathematics and Statistics, 2017, , 547-555.	0.1	1
28	A Model to Simulate Multimodality in a Mesoscopic Dynamic Network Loading Framework. Journal of Advanced Transportation, 2017, 2017, 1-16.	0.9	5
29	A Hybrid Electric Fuel Cell Minibus: Drive Test. World Electric Vehicle Journal, 2016, 8, 131-138.	1.6	4
30	Transport models and intelligent transportation system to support urban evacuation planning process. IET Intelligent Transport Systems, 2016, 10, 279-286.	1.7	35
31	Vehicle routing in urban areas: an optimal approach with cost function calibration. Transportmetrica B, 2014, 2, 1-19.	1.4	23
32	Reverse Assignment Formulation in Evacuation Simulation. Transportation Research Procedia, 2014, 3, 241-248.	0.8	0
33	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
34	A Method for Topological Transit Network Design in Urban Area. Advances in Intelligent Systems and Computing, 2014, , 151-161.	0.5	0
35	Signal settings design problem with an analytical approach: application in an urban area. , 2014, , .		0
36	Travel Time Forecasting and Dynamic Routes Design for Emergency Vehicles. Procedia, Social and Behavioral Sciences, 2013, 87, 193-202.	0.5	31

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37	Optimising Waiting at Nodes in Time-Dependent Networks: Cost Functions and Applications. Journal of Optimization Theory and Applications, 2013, 156, 805-818.	0.8	21
38	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
39	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
40	Simulation, design and structure of ITS models for supporting evacuation in smart cities. , 2013, , .		0
41	A beforeâ€“after analysis for the design problem on an urban road network. , 2013, , .		0
42	A Procedure for an Integrated Network and Vehicle Routing Optimisation Problem. Procedia, Social and Behavioral Sciences, 2012, 54, 65-74.	0.5	6
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	The role of optimization models for rescue vehicles routes in evacuation. WIT Transactions on Information and Communication Technologies, 2012, , .	0.0	2
45	Joint network and route optimization in road evacuation. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	6
46	The role of ITS in evacuation route optimization for emergency vehicles. WIT Transactions on Information and Communication Technologies, 2012, , .	0.0	2
47	Dynamic vehicle routing in road evacuation: route design experimentation. WIT Transactions on the Built Environment, 2011, , .	0.0	14
48	Dynamic vehicle routing in road evacuation: a model for route design. , 2011, , .		17
49	From single path to vehicle routing: The retailer delivery approach. Procedia, Social and Behavioral Sciences, 2010, 2, 6378-6386.	0.5	21
50	An approach to designing vehicle routes in evacuation conditions. WIT Transactions on Information and Communication Technologies, 2010, , .	0.0	7
51	A tool for tracing emergency vehicles during evacuation. WIT Transactions on the Built Environment, 2010, , .	0.0	9
52	Safety of users in road evacuation: modelling and DSS for paths design of emergency vehicles. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	26
53	Safety of users in road evacuation: algorithms for path design of emergency vehicles. WIT Transactions on the Built Environment, 2008, , .	0.0	34
54	Safety of users in road evacuation: design of path choice models for emergency vehicles. WIT Transactions on the Built Environment, 2007, , .	0.0	34

#	Article	IF	Citations
55	Path Choice Models in Stochastic Assignment: Implementation and Comparative Analysis. Frontiers in Future Transportation, 0, 3, .	1.3	4