

Saeed Asadi Bagloee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/516097/publications.pdf>

Version: 2024-02-01

41
papers

1,588
citations

471371

17
h-index

315616

38
g-index

41
all docs

41
docs citations

41
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the critical elements and development of real-world connected vehicle testbeds around the world. <i>Transportation Letters</i> , 2022, 14, 49-74.	1.8	7
2	Network-Wide Traffic State Estimation and Rolling Horizon-Based Signal Control Optimization in a Connected Vehicle Environment. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 5840-5858.	4.7	6
3	Blockchain: The operating system of smart cities. <i>Cities</i> , 2021, 112, 103104.	2.7	39
4	Short-term traffic flow prediction based on faded memory Kalman Filter fusing data from connected vehicles and Bluetooth sensors. <i>Simulation Modelling Practice and Theory</i> , 2020, 102, 102025.	2.2	42
5	Using Kalman filter algorithm for short-term traffic flow prediction in a connected vehicle environment. <i>Journal of Modern Transportation</i> , 2019, 27, 222-232.	2.5	64
6	Tradable mobility permit with Bitcoin and Ethereum – A Blockchain application in transportation. <i>Internet of Things (Netherlands)</i> , 2019, 8, 100103.	4.9	19
7	Is it time to go for no-car zone policies? Braess Paradox Detection. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 121, 251-264.	2.0	10
8	Applications of Artificial Intelligence in Transport: An Overview. <i>Sustainability</i> , 2019, 11, 189.	1.6	299
9	A hybrid machine-learning and optimization method for contraflow design in post-disaster cases and traffic management scenarios. <i>Expert Systems With Applications</i> , 2019, 124, 67-81.	4.4	15
10	System optimal relaxation and Benders decomposition algorithm for the large-sized road network design problem. <i>International Journal of Logistics Systems and Management</i> , 2019, 34, 486.	0.2	1
11	A neural network algorithm for queue length estimation based on the concept of k-leader connected vehicles. <i>Journal of Modern Transportation</i> , 2019, 27, 341-354.	2.5	10
12	Side constrained traffic assignment problem for multiclass flow. <i>International Journal of Operational Research</i> , 2019, 35, 108.	0.1	1
13	Side constrained optimisation to capture capacity of choices in the multinomial logit model: case study of income tax policy in the USA prior to the 2009 economic crisis. <i>International Journal of Operational Research</i> , 2019, 36, 123.	0.1	0
14	Minimization of water pumps' electricity usage: A hybrid approach of regression models with optimization. <i>Expert Systems With Applications</i> , 2018, 107, 222-242.	4.4	33
15	A hybrid machine-learning and optimization method to solve bi-level problems. <i>Expert Systems With Applications</i> , 2018, 95, 142-152.	4.4	39
16	Optimization for Roads' Construction: Selection, Prioritization, and Scheduling. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2018, 33, 833-848.	6.3	18
17	An outer approximation method for the road network design problem. <i>PLoS ONE</i> , 2018, 13, e0192454.	1.1	3
18	Identifying critical disruption scenarios and a global robustness index tailored to real life road networks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 98, 60-81.	3.7	36

#	ARTICLE	IF	CITATIONS
19	A logit-based model for measuring the effects of transportation infrastructure on land value. <i>Transportation Planning and Technology</i> , 2017, 40, 143-166.	0.9	9
20	A modern congestion pricing policy for urban traffic: subsidy plus toll. <i>Journal of Modern Transportation</i> , 2017, 25, 133-149.	2.5	11
21	Transit priority lanes in the congested road networks. <i>Public Transport</i> , 2017, 9, 571-599.	1.7	13
22	A Mixed Userâ€™Equilibrium and Systemâ€™Optimal Traffic Flow for Connected Vehicles Stated as a Complementarity Problem. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 562-580.	6.3	61
23	A multi-user decision support system for online city bus tour planning. <i>Journal of Modern Transportation</i> , 2017, 25, 59-73.	2.5	14
24	Identifying Achilles-heel roads in real-sized networks. <i>Journal of Modern Transportation</i> , 2017, 25, 1-11.	2.5	3
25	A Hybrid Branchâ€™andâ€™Bound and Benders Decomposition Algorithm for the Network Design Problem. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 319-343.	6.3	31
26	A solution to the road network design problem for multimodal flow. , 2016, , .		0
27	Bicycle lane priority: Promoting bicycle as a green mode even in congested urban area. <i>Transportation Research, Part A: Policy and Practice</i> , 2016, 87, 102-121.	2.0	34
28	Autonomous vehicles: challenges, opportunities, and future implications for transportation policies. <i>Journal of Modern Transportation</i> , 2016, 24, 284-303.	2.5	467
29	Crash analysis at intersections in the CBD: A survival analysis model. <i>Transportation Research, Part A: Policy and Practice</i> , 2016, 94, 558-572.	2.0	19
30	Heuristic Approach to Capacitated Traffic Assignment Problem for Large-Scale Transport Networks. <i>Transportation Research Record</i> , 2015, 2498, 1-11.	1.0	13
31	Heterogeneous Parking Market Subject to Parking Rationing. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	0.6	2
32	A logit-based model for facility placement planning in supply chain management. <i>International Journal of Logistics Systems and Management</i> , 2015, 20, 122.	0.2	4
33	Prioritizing road extension projects with interdependent benefits under time constraint. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 75, 196-216.	2.0	17
34	Effectiveness of en route traffic information in developing countries using conventional discrete choice and neuralâ€™network models. <i>Journal of Advanced Transportation</i> , 2014, 48, 486-506.	0.9	16
35	A heuristic methodology to tackle the Braess Paradox detecting problem tailored for real road networks. <i>Transportmetrica A: Transport Science</i> , 2014, 10, 437-456.	1.3	22
36	A Model for Screening Vulnerability in the Loan Market in the Context of Credit Rationing. <i>International Journal of Strategic Decision Sciences</i> , 2014, 5, 59-75.	0.0	2

#	ARTICLE	IF	CITATIONS
37	A hybrid meta-heuristic algorithm for solving real-life transportation network design problems. International Journal of Logistics Systems and Management, 2013, 16, 41.	0.2	13
38	Assessment of Public-Private Partnership in Traveler Information Provision. Transportation Research Record, 2013, 2394, 19-29.	1.0	2
39	An efficient hybrid heuristic method for prioritising large transportation projects with interdependent activities. International Journal of Logistics Systems and Management, 2012, 11, 114.	0.2	25
40	Methodology for Parking Modeling and Pricing in Traffic Impact Studies. Transportation Research Record, 2012, 2319, 1-12.	1.0	23
41	Transit-network design methodology for actual-size road networks. Transportation Research Part B: Methodological, 2011, 45, 1787-1804.	2.8	145