

# Saeed Asadi Bagloee

## List of Publications by Year in descending order

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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	Autonomous vehicles: challenges, opportunities, and future implications for transportation policies. <i>Journal of Modern Transportation</i> , 2016, 24, 284-303.	2.5	467
2	Applications of Artificial Intelligence in Transport: An Overview. <i>Sustainability</i> , 2019, 11, 189.	1.6	299
3	Transit-network design methodology for actual-size road networks. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 1787-1804.	2.8	145
4	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
5	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
6	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
7	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
8	Blockchain: The operating system of smart cities. <i>Cities</i> , 2021, 112, 103104.	2.7	39
9	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
10	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
11	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
12	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
13	An efficient hybrid heuristic method for prioritising large transportation projects with interdependent activities. <i>International Journal of Logistics Systems and Management</i> , 2012, 11, 114.	0.2	25
14	Methodology for Parking Modeling and Pricing in Traffic Impact Studies. <i>Transportation Research Record</i> , 2012, 2319, 1-12.	1.0	23
15	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
16	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
17	Tradable mobility permit with Bitcoin and Ethereum â€“ A Blockchain application in transportation. <i>Internet of Things (Netherlands)</i> , 2019, 8, 100103.	4.9	19
18	Optimization for Roads' Construction: Selection, Prioritization, and Scheduling. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2018, 33, 833-848.	6.3	18

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19	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
20	Effectiveness of en route traffic information in developing countries using conventional discrete choice and neural network models. <i>Journal of Advanced Transportation</i> , 2014, 48, 486-506.	0.9	16
21	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
22	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
23	A hybrid meta-heuristic algorithm for solving real-life transportation network design problems. <i>International Journal of Logistics Systems and Management</i> , 2013, 16, 41.	0.2	13
24	Heuristic Approach to Capacitated Traffic Assignment Problem for Large-Scale Transport Networks. <i>Transportation Research Record</i> , 2015, 2498, 1-11.	1.0	13
25	Transit priority lanes in the congested road networks. <i>Public Transport</i> , 2017, 9, 571-599.	1.7	13
26	A modern congestion pricing policy for urban traffic: subsidy plus toll. <i>Journal of Modern Transportation</i> , 2017, 25, 133-149.	2.5	11
27	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
28	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
29	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
30	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
31	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
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	Identifying Achilles-heel roads in real-sized networks. <i>Journal of Modern Transportation</i> , 2017, 25, 1-11.	2.5	3
34	An outer approximation method for the road network design problem. <i>PLoS ONE</i> , 2018, 13, e0192454.	1.1	3
35	Assessment of Public-Private Partnership in Traveler Information Provision. <i>Transportation Research Record</i> , 2013, 2394, 19-29.	1.0	2
36	Heterogeneous Parking Market Subject to Parking Rationing. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	0.6	2

#	ARTICLE	IF	CITATIONS
37	A Model for Screening Vulnerability in the Loan Market in the Context of Credit Rationing. International Journal of Strategic Decision Sciences, 2014, 5, 59-75.	0.0	2
38	System optimal relaxation and Benders decomposition algorithm for the large-sized road network design problem. International Journal of Logistics Systems and Management, 2019, 34, 486.	0.2	1
39	Side constrained traffic assignment problem for multiclass flow. International Journal of Operational Research, 2019, 35, 108.	0.1	1
40	A solution to the road network design problem for multimodal flow. , 2016, , .		0
41	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. International Journal of Operational Research, 2019, 36, 123.	0.1	0