Afshin Shariat Mohaymany

List of Publications by Year
in descending order

50	1,130	489802 18	466096 32
papers	citations	h-index	g-index

50	50	50	1395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How is freight distribution affected by travel time unreliability?. Transportation Research Procedia, 2022, 62, 147-154.	0.8	0
2	Reliable vehicle routing problem in stochastic networks with correlated travel times. Operational Research, 2021, 21, 299-330.	1.3	11
3	Incorporating Instantaneous Reaction Delay in Car-Following Models: A Hybrid Approach. Transportation Research Record, 2021, 2675, 1297-1311.	1.0	3
4	Evaluating the impact of new congestion charging scheme using smartphone-based data: a spatial change detection study. Canadian Journal of Civil Engineering, 2020, 47, 1105-1115.	0.7	0
5	Designing Large-Scale Disaster Response Routes Network in Mitigating Earthquake Risk Using a Multi-Objective Stochastic Approach. KSCE Journal of Civil Engineering, 2020, 24, 3050-3063.	0.9	5
6	Evaluating interregional freight accessibility conditions through the combination of centrality and reliability measures. Journal of Transport Geography, 2020, 83, 102665.	2.3	5
7	Travel Time Reliability Measures Accommodating Scheduling Preferences of Travelers. Transportation Research Record, 2019, 2673, 708-721.	1.0	6
8	A copula-based estimation of distribution algorithm for calibration of microscopic traffic models. Transportation Research Part C: Emerging Technologies, 2019, 98, 449-470.	3.9	19
9	Driver behaviour and crash involvement among professional taxi and truck drivers: Light passenger cars versus heavy goods vehicles. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 62, 86-98.	1.8	44
10	Emergency transportation network design problem: Identification and evaluation of disaster response routes. International Journal of Disaster Risk Reduction, 2018, 27, 7-20.	1.8	44
11	Aberrant Driving Behaviour, Risk Involvement, and Their Related Factors Among Taxi Drivers. International Journal of Environmental Research and Public Health, 2018, 15, 1626.	1.2	36
12	Accident involvement among Iranian lorry drivers: Direct and indirect effects of background variables and aberrant driving behaviour. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 39-55.	1.8	36
13	The role of parental risk judgements, transport safety attitudes, transport priorities and accident experiences on pupilsâ€™ walking to school. Accident Analysis and Prevention, 2017, 102, 60-71.	3.0	39
14	A new methodology for vehicle trajectory reconstruction based on wavelet analysis. Transportation Research Part C: Emerging Technologies, 2017, 74, 150-167.	3.9	46
15	Crash Prediction Modeling Using a Spatial Semi-Local Model: A Case Study of Mashhad, Iran. Applied Spatial Analysis and Policy, 2017, 10, 565-584.	1.0	7
16	Copula-Based Joint Discreteâ€“Continuous Model of Road Vehicle Type and Shipment Size. Transportation Research Record, 2017, 2610, 87-96.	1.0	13
17	Day-to-day travel time perception modeling using an adaptive-network-based fuzzy inference system (ANFIS). EURO Journal on Transportation and Logistics, 2016, 5, 25-52.	1.3	8
18	Estimation of travel time reliability in large-scale networks. Transportation Letters, 2016, 8, 229-240.	1.8	12

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19	Evaluation of overtaking manoeuvres on two-lane rural roads. Proceedings of the Institution of Civil Engineers: Transport, 2015, 168, 523-531.	0.3	4
20	Transportation network vulnerability analysis for the case of a catastrophic earthquake. International Journal of Disaster Risk Reduction, 2015, 12, 234-254.	1.8	95
21	Multi-objective path finding in stochastic time-dependent road networks using non-dominated sorting genetic algorithm. Expert Systems With Applications, 2015, 42, 5056-5064.	4.4	49
22	Exploring Spatial Nonâ€Stationarity and Varying Relationships between Crash Data and Related Factors Using Geographically Weighted Poisson Regression. Transactions in GIS, 2015, 19, 321-337.	1.0	24
23	Optimal Modification of Urban Bus Network Routes Using a Genetic Algorithm. Journal of Transportation Engineering, 2015, 141, 04014081.	0.9	15
24	The impact of irregular headways on seat availability. Transportmetrica A: Transport Science, 2014, 10, 483-501.	1.3	12
25	Designing a multimodal feeder network by covering stops with different modes. Canadian Journal of Civil Engineering, 2014, 41, 87-96.	0.7	0
26	Designing large-scale bus network with seasonal variations of demand. Transportation Research Part C: Emerging Technologies, 2014, 48, 322-338.	3.9	36
27	Hybrid Method for Bus Network Design with High Seasonal Demand Variation. Journal of Transportation Engineering, 2014, 140, .	0.9	19
28	Development of Head-On Conflict Model for Overtaking Maneuvers on Two-Lane Rural Roads Using Inductive Loop Detectors. Journal of Transportation Safety and Security, 2013, 5, 273-284.	1.1	7
29	GIS-based method for detecting high-crash-risk road segments using network kernel density estimation. Geo-Spatial Information Science, 2013, 16, 113-119.	2.4	82
30	Detecting the spatialâ€“temporal autocorrelation among crash frequencies in urban areas. Canadian Journal of Civil Engineering, 2013, 40, 195-203.	0.7	21
31	Evaluating the Prioritization of Transportation Network Links under the Flood Damage: by Vulnerability Value and Accessibility Indexs. International Journal of Scientific Research in Knowledge, 2013, 1, 557-569.	0.1	0
32	An Algorithm for the Analytic Network Process (ANP) Structure Design. Journal of Multi-Criteria Decision Analysis, 2012, 19, 33-55.	1.0	9
33	Analogy of fixed route shared taxi (taxi khattee) and bus services under various demand density and economical conditions. Journal of Advanced Transportation, 2012, 46, 177-187.	0.9	18
34	Linear upper-bound unavailability set covering models for locating ambulances: Application to Tehran rural roads. European Journal of Operational Research, 2012, 221, 263-272.	3.5	36
35	Analysis of factors associated with traffic injury severity on rural roads in Iran. Journal of Injury and Violence Research, 2012, 4, 41-47.	0.7	39
36	A Reliability-Based Resource Allocation Model for Transportation Networks Affected by Natural Disasters. Promet - Traffic - Traffico, 2012, 24, 505-513.	0.3	3

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37	Identifying Significant Predictors of Head-on Conflicts on Two-Lane Rural Roads Using Inductive Loop Detectors Data. Traffic Injury Prevention, 2011, 12, 636-641.	0.6	30
38	Economic conditions for minibus usage in a multimodal feeder network. Transportation Planning and Technology, 2011, 34, 839-856.	0.9	10
39	Application Of Imperialist Competitive Algorithm To The Emergency Medical Services Location Problem. International Journal of Artificial Intelligence & Applications, 2011, 2, 137-147.	0.3	7
40	Analysis of the traffic injury severity on two-lane, two-way rural roads based on classification tree models. Safety Science, 2011, 49, 1314-1320.	2.6	167
41	Transit Network Design: The Necessity of Elastic Demand Consideration. Applied Mechanics and Materials, 2011, 97-98, 1117-1122.	0.2	3
42	Intelligent Transportation System User Service Selection and Prioritization. Transportation Research Record, 2010, 2189, 45-55.	1.0	13
43	AN APPROXIMATE RELIABILITY EVALUATION METHOD FOR IMPROVING TRANSPORTATION NETWORK PERFORMANCE. Transport, 2010, 25, 193-202.	0.6	13
44	Multimodal Feeder Network Design Problem: Ant Colony Optimization Approach. Journal of Transportation Engineering, 2010, 136, 323-331.	0.9	57
45	Identifying Driver Characteristics Influencing Overtaking Crashes. Traffic Injury Prevention, 2010, 11, 411-416.	0.6	18
46	Effects of Passage Restrictions for Heavy Vehicles on Tour Trips in Urban Networks. , 2010, , .		0
47	Upgrading of Degradable Transportation Network by Investment Prioritization in Resource Allocation. Journal of Applied Sciences, 2008, 8, 2404-2411.	0.1	0
48	Critical routes determination for emergency transportation network aftermath earthquake. , 2007, , .		5
49	A New Approach for Reliability Assessment of Urban Transportation Networks. , 2006, , 725.		0
50	Obtaining the Emergency Transportation Network for Rescue and Relief Activities in Large Cities Based on the Life Loss Mitigation Criteria. , 2003, , 231.		4