Navid Khademi

List of Publications by Citations

22 papers	254 citations	8 h-index	15 g-index
23 ext. papers	328 ext. citations	3.2 avg, IF	3.55 L-index

#	Paper	IF	Citations
22	Transportation network vulnerability analysis for the case of a catastrophic earthquake. *International Journal of Disaster Risk Reduction*, **2015**, 12, 234-254	4.5	71
21	A security vulnerability analysis model for dangerous goods transportation by rail Case study: Chlorine transportation in Texas-Illinois. *Safety Science*, **2018**, 110, 230-241	5.8	27
20	Increasing the resilience level of a vulnerable rail network: The strategy of location and allocation of emergency relief trains. *Transportation Research, Part E: Logistics and Transportation Review*, **2018**, 119, 110-128	9	26
19	Vulnerability Analysis of Railway Networks in Case of Multi-Link Blockage. *Transportation Research Procedia*, **2017**, 22, 275-284	2.4	25
18	Multicriteria Group Decision-Making Technique for a Low-Class Road Maintenance Program. *Journal of Infrastructure Systems*, **2010**, 16, 188-198	2.9	18
17	Intelligent Transportation System User Service Selection and Prioritization: Hybrid Model of Disjunctive Satisfying Method and Analytic Network Process. *Transportation Research Record*, **2010**, 2189, 45-55	1.7	12
16	Developing a train timetable according to track maintenance plans: A stochastic optimization of buffer time schedules. *Transportation Research Procedia*, **2019**, 37, 27-34	2.4	10
15	Vulnerability evaluation of freight railway networks using a heuristic routing and scheduling optimization model. *Transportation*, **2019**, 46, 1143-1170	4	10
14	Using Analytic Hierarchy/Network Process (AHP/ANP) in Developing Countries: Shortcomings and Suggestions. *Engineering Economist*, **2014**, 59, 2-29	0.8	8
13	An Algorithm for the Analytic Network Process (ANP) Structure Design. *Journal of Multi-Criteria Decision Analysis*, **2012**, 19, 33-55	1.9	7
12	Investigating the road safety management capacity: Toward a lead agency reform. *IATSS Research*, **2018**, 42, 105-120	4.2	7
11	Fixed-route taxi system: route network design and fleet size minimization problems. *Journal of Advanced Transportation*, **2016**, 50, 1252-1271	1.9	5
10	Variability of Travel Time, Users Uncertainty, and Trip Information: New Approach to Cost Benefit Analysis. *Transportation Research Record*, **2011**, 2254, 160-169	1.7	5
9	Travel time cognition: Exploring the impacts of travel information provision strategies. *Travel Behaviour & Society*, **2019**, 14, 92-106	5.3	5
8	Women mode and trip structure choices in daily activity-travel: a developing country perspective. *Transportation Planning and Technology*, **2018**, 41, 845-877	1.6	5
7	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	2.4	4
6	Analysis of incident costs in a vulnerable sparse rail network Description and Iran case study. *Research in Transportation Economics*, **2018**, 70, 9-27	2.4	4

List of Publications

5	Latent learning and the formation of a spatiotemporal cognitive map of a road network. *Travel Behaviour & Society*, **2019**, 14, 66-80	5.3	3
4	Sparse rail network robustness analysis: Functional vulnerability levels of accidents resulting from human errors. *Journal of Safety Science and Resilience*, **2021**, 2, 111-123	5.8	1
3	Simultaneous schedule of trains and track maintenance according to stochastic blockage time. *International Journal of Rail Transportation*,1-19	2.1	0
2	Short-Range Prediction of the Zone of Moving Vehicles in Arterial Networks. *ISPRS International Journal of Geo-Information*, **2018**, 7, 35	2.9	
1	Interurban rail network robustness analysis: Case study of Iran **2015**, 2217-2227		