Homayoun Hamedmoghadam

List of Publications by Year
in descending order

12 papers	240 citations	1163117 8 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	221 citing authors

#	Article	IF	Citations
1	Understanding bikeability: a methodology to assess urban networks. Transportation, 2022, 49, 897-925.	4.0	9
2	Percolation of heterogeneous flows uncovers the bottlenecks of infrastructure networks. Nature Communications, 2021, 12, 1254.	12.8	47
3	Automated extraction of origin-destination demand for public transportation from smartcard data with pattern recognition. Transportation Research Part C: Emerging Technologies, 2021, 129, 103210.	7.6	6
4	Accounting for Underreporting in Mathematical Modeling of Transmission and Control of COVID-19 in Iran. Frontiers in Physics, 2020, 8, .	2.1	16
5	A simple contagion process describes spreading of traffic jams in urban networks. Nature Communications, 2020, 11, 1616.	12.8	81
6	A Global Optimization Approach Based on Opinion Formation in Complex Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 173-187.	6.4	6
7	A macroscopic approach for calibration and validation of a modified social force model for bidirectional pedestrian streams. Transportmetrica A: Transport Science, 2019, 15, 1637-1661.	2.0	29
8	Revealing latent characteristics of mobility networks with coarse-graining. Scientific Reports, 2019, 9, 7545.	3.3	22
9	An opinion formation based binary optimization approach for feature selection. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 142-152.	2.6	12
10	A Complex Network Analysis of Macroscopic Structure of Taxi Trips. IFAC-PapersOnLine, 2017, 50, 9432-9437.	0.9	8
11	A novel optimization method based on opinion formation in complex networks. , 2016, , .		1
12	Prediction of Iran's annual electricity demand: Artificial intelligence approaches. , 2015, , .		1