

Mahdi Hashemi

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

785
citations

623188

14
h-index

552369

26
g-index

42
all docs

42
docs citations

42
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovering social media topics and patterns in the coronavirus and election era. Journal of Information Communication and Ethics in Society, 2022, 20, 1-17.	1.0	2
2	Predicting Ride Hailing Service Demand Using Autoencoder and Convolutional Neural Network. International Journal of Software Engineering and Knowledge Engineering, 2022, 32, 109-129.	0.6	2
3	Feature Selection and Spatial-Temporal Forecast of Oceanic Niño Index Using Deep Learning. International Journal of Software Engineering and Knowledge Engineering, 2022, 32, 91-107.	0.6	7
4	Automatic Type Detection of 311 Service Requests Based on Customer Provided Descriptions. Applied Artificial Intelligence, 2022, 36, .	2.0	0
5	Forecasting El Niño and La Niña Using Spatially and Temporally Structured Predictors and a Convolutional Neural Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3438-3446.	2.3	12
6	A Data-Driven Framework for Coding the Intent and Extent of Political Tweeting, Disinformation, and Extremism. Information (Switzerland), 2021, 12, 148.	1.7	4
7	Studying and Clustering Cities Based on Their Non-Emergency Service Requests. Information (Switzerland), 2021, 12, 332.	1.7	1
8	A Deep Learning-based Traffic Event Detection From Social Media. , 2021, , .		2
9	Identifying the Severity of Road Accident Impact on Traffic Flow by Ensemble Model. , 2021, , .		0
10	Traffic Flow Prediction using Long Short-Term Memory Network and Optimized Spatial Temporal Dependencies. , 2021, , .		2
11	Weighted Machine Learning for Spatial-Temporal Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3066-3082.	2.3	12
12	Forecasting Atmospheric Visibility Using Auto Regressive Recurrent Neural Network. , 2020, , .		10
13	Studying the impact of streetlights on street crime rate using geo-statistics. , 2020, , .		1
14	Web page classification: a survey of perspectives, gaps, and future directions. Multimedia Tools and Applications, 2020, 79, 11921-11945.	2.6	49
15	Multi-label classification and knowledge extraction from oncology-related content on online social networks. Artificial Intelligence Review, 2020, 53, 5957-5994.	9.7	9
16	Detecting and classifying online dark visual propaganda. Image and Vision Computing, 2019, 89, 95-105.	2.7	24
17	Automatic Inference of Road and Pedestrian Networks From Spatial-Temporal Trajectories. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4604-4620.	4.7	15
18	Enlarging smaller images before inputting into convolutional neural network: zero-padding vs. interpolation. Journal of Big Data, 2019, 6, .	6.9	116

#	ARTICLE	IF	CITATIONS
19	Emergency evacuation of people with disabilities: A survey of drills, simulations, and accessibility. Cogent Engineering, 2018, 5, 1506304.	1.1	28
20	Visualization, Feature Selection, Machine Learning: Identifying the Responsible Group for Extreme Acts of Violence. IEEE Access, 2018, 6, 70164-70171.	2.6	7
21	Dynamic, Stream-Balancing, Turn-Minimizing, Accessible Wayfinding for Emergency Evacuation of People Who Use a Wheelchair. Fire Technology, 2018, 54, 1195-1217.	1.5	15
22	Identifying the Responsible Group for Extreme Acts of Violence Through Pattern Recognition. Lecture Notes in Computer Science, 2018, , 594-605.	1.0	2
23	Weighted Machine Learning. Statistics, Optimization and Information Computing, 2018, 6, .	0.4	17
24	A GIS-based time-dependent seismic source modeling of Northern Iran. Earthquake Engineering and Engineering Vibration, 2017, 16, 33-45.	1.1	11
25	Reusability of the Output of Map-Matching Algorithms Across Space and Time Through Machine Learning. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 3017-3026.	4.7	22
26	A testbed for evaluating network construction algorithms from GPS traces. Computers, Environment and Urban Systems, 2017, 66, 96-109.	3.3	15
27	Collaborative personalized multi-criteria wayfinding for wheelchair users in outdoors. Transactions in GIS, 2017, 21, 782-795.	1.0	15
28	Intelligent GPS trace management for human mobility pattern detection. Cogent Engineering, 2017, 4, 1390813.	1.1	8
29	A Theoretical Framework for Ubiquitous Computing. International Journal of Advanced Pervasive and Ubiquitous Computing, 2016, 8, 1-15.	0.4	8
30	A Machine Learning Approach to Improve the Accuracy of GPS-Based Map-Matching Algorithms (Invited) Tj ETQq0 0 0 rgBT /Qverlock 10		15
31	A weight-based map-matching algorithm for vehicle navigation in complex urban networks. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016, 20, 573-590.	2.6	53
32	Indoor Spatial Model and Accessibility Index for Emergency Evacuation of People with Disabilities. Journal of Computing in Civil Engineering, 2016, 30, 04015056.	2.5	20
33	A critical review of real-time map-matching algorithms: Current issues and future directions. Computers, Environment and Urban Systems, 2014, 48, 153-165.	3.3	113
34	GIS: agent-based modeling and evaluation of an earthquake-stricken area with a case study in Tehran, Iran. Natural Hazards, 2013, 69, 1895-1917.	1.6	21
35	A spatio-temporal model for probabilistic seismic hazard zonation of Tehran. Computers and Geosciences, 2013, 58, 8-18.	2.0	20
36	Development and implementation of a GIS-based tool for spatial modeling of seismic vulnerability of Tehran. Natural Hazards and Earth System Sciences, 2012, 12, 3659-3670.	1.5	15

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37	Protecting location privacy in mobile geoservices using fuzzy inference systems. Computers, Environment and Urban Systems, 2012, 36, 311-320.	3.3	7
38	A GIS-based earthquake damage assessment and settlement methodology. Soil Dynamics and Earthquake Engineering, 2011, 31, 1607-1617.	1.9	69
39	Spatio-Temporal Analysis of Tehran's Historical Earthquakes Trends. Lecture Notes in Geoinformation and Cartography, 2011, , 3-20.	0.5	12