Mahdi Hashemi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7282058/publications.pdf

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39	785	623188	552369
papers	citations	14 h-index	26 g-index

42	42	42	606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enlarging smaller images before inputting into convolutional neural network: zero-padding vs. interpolation. Journal of Big Data, 2019, 6, .	6.9	116
2	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
3	A GIS-based earthquake damage assessment and settlement methodology. Soil Dynamics and Earthquake Engineering, 2011, 31, 1607-1617.	1.9	69
4	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
5	Web page classification: a survey of perspectives, gaps, and future directions. Multimedia Tools and Applications, 2020, 79, 11921-11945.	2.6	49
6	Emergency evacuation of people with disabilities: A survey of drills, simulations, and accessibility. Cogent Engineering, 2018, 5, 1506304.	1.1	28
7	Detecting and classifying online dark visual propaganda. Image and Vision Computing, 2019, 89, 95-105.	2.7	24
8	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
9	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
10	A spatio-temporal model for probabilistic seismic hazard zonation of Tehran. Computers and Geosciences, 2013, 58, 8-18.	2.0	20
11	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
12	Weighted Machine Learning. Statistics, Optimization and Information Computing, 2018, 6, .	0.4	17
13	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
14	A Machine Learning Approach to Improve the Accuracy of GPS-Based Map-Matching Algorithms (Invited) Tj ETQq0 0 0 rgBT /Overlock 10		15
15	A testbed for evaluating network construction algorithms from GPS traces. Computers, Environment and Urban Systems, 2017, 66, 96-109.	3.3	15
16	Collaborative personalized multiâ€criteria wayfinding for wheelchair users in outdoors. Transactions in GIS, 2017, 21, 782-795.	1.0	15
17	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
18	Automatic Inference of Road and Pedestrian Networks From Spatial-Temporal Trajectories. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4604-4620.	4.7	15

#	Article	IF	Citations
19	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
20	Forecasting El NiÃ±o and La NiÃ±a 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
21	Spatio-Temporal Analysis of Tehranâ€™s Historical Earthquakes Trends. Lecture Notes in Geoinformation and Cartography, 2011, , 3-20.	0.5	12
22	A GIS-based time-dependent seismic source modeling of Northern Iran. Earthquake Engineering and Engineering Vibration, 2017, 16, 33-45.	1.1	11
23	Forecasting Atmospheric Visibility Using Auto Regressive Recurrent Neural Network. , 2020, , .		10
24	Multi-label classification and knowledge extraction from oncology-related content on online social networks. Artificial Intelligence Review, 2020, 53, 5957-5994.	9.7	9
25	A Theoretical Framework for Ubiquitous Computing. International Journal of Advanced Pervasive and Ubiquitous Computing, 2016, 8, 1-15.	0.4	8
26	Intelligent GPS trace management for human mobility pattern detection. Cogent Engineering, 2017, 4, 1390813.	1.1	8
27	Protecting location privacy in mobile geoservices using fuzzy inference systems. Computers, Environment and Urban Systems, 2012, 36, 311-320.	3.3	7
28	Visualization, Feature Selection, Machine Learning: Identifying the Responsible Group for Extreme Acts of Violence. IEEE Access, 2018, 6, 70164-70171.	2.6	7
29	Feature Selection and Spatial-Temporal Forecast of Oceanic NiÃ±o Index Using Deep Learning. International Journal of Software Engineering and Knowledge Engineering, 2022, 32, 91-107.	0.6	7
30	A Data-Driven Framework for Coding the Intent and Extent of Political Tweeting, Disinformation, and Extremism. Information (Switzerland), 2021, 12, 148.	1.7	4
31	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
32	Identifying the Responsible Group for Extreme Acts of Violence Through Pattern Recognition. Lecture Notes in Computer Science, 2018, , 594-605.	1.0	2
33	A Deep Learning-based Traffic Event Detection From Social Media. , 2021, , .		2
34	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
35	Traffic Flow Prediction using Long Short-Term Memory Network and Optimized Spatial Temporal Dependencies. , 2021, , .		2
36	Studying the impact of streetlights on street crime rate using geo-statistics. , 2020, , .		1

#	Article	IF	Citations
37	Studying and Clustering Cities Based on Their Non-Emergency Service Requests. Information (Switzerland), 2021, 12, 332.	1.7	1
38	Identifying the Severity of Road Accident Impact on Traffic Flow by Ensemble Model. , 2021, , .		0
39	Automatic Type Detection of 311 Service Requests Based on Customer Provided Descriptions. Applied Artificial Intelligence, 2022, 36, .	2.0	0