Abbas Alimohammadi

List of Publications by Year
in descending order

22	917	623734	752698
papers	citations	14 h-index	20 g-index

22	22	22	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hospital site selection using fuzzy AHP and its derivatives. Journal of Environmental Management, 2009, 90, 3048-3056.	7.8	319
2	A GIS-based neuro-fuzzy procedure for integrating knowledge and data in landslide susceptibility mapping. Computers and Geosciences, 2010, 36, 1101-1114.	4.2	182
3	Automatic canola mapping using time series of sentinel 2 images. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 156, 63-76.	11.1	62
4	Wheat leaf rust detection at canopy scale under different LAI levels using machine learning techniques. Computers and Electronics in Agriculture, 2019, 156, 119-128.	7.7	56
5	HealthXAI: Collaborative and explainable AI for supporting early diagnosis of cognitive decline. Future Generation Computer Systems, 2021, 116, 168-189.	7.5	47
6	Improving urban cellular automata performance by integrating global and geographically weighted logistic regression models. Transactions in GIS, 2017, 21, 1280-1297.	2.3	43
7	Spatial and statistical analyses of the relations between vegetation cover and incidence of cutaneous leishmaniasis in an endemic province, northeast of Iran. Asian Pacific Journal of Tropical Disease, 2014, 4, 176-180.	0.5	24
8	Mapping the intellectual structure of GIS-T field (2008â€“2019): a dynamic co-word analysis. Scientometrics, 2021, 126, 2667-2688.	3.0	22
9	Estimating the Agricultural Farm Soil Moisture Using Spectral Indices of Landsat 8, and Sentinel-1, and Artificial Neural Networks. Journal of Geovisualization and Spatial Analysis, 2022, 6, .	4.3	22
10	Water quality analysis using a variable consistency dominance-based rough set approach. Computers, Environment and Urban Systems, 2014, 43, 25-33.	7.1	19
11	An Agentâ€Based Simulation of Residential Location Choice of Tenants in Tehran, Iran. Transactions in GIS, 2016, 20, 101-125.	2.3	19
12	Context-Aware Group-Oriented Location Recommendation in Location-Based Social Networks. ISPRS International Journal of Geo-Information, 2019, 8, 406.	2.9	19
13	A Hybrid Fuzzy Inference System Based on Dispersion Model for Quantitative Environmental Health Impact Assessment of Urban Transportation Planning. Sustainability, 2017, 9, 134.	3.2	16
14	An Automatic User Grouping Model for a Group Recommender System in Location-Based Social Networks. ISPRS International Journal of Geo-Information, 2018, 7, 67.	2.9	16
15	Efficiency of Geographically Weighted Regression in Modeling Human Leptospirosis Based on Environmental Factors in Gilan Province, Iran. Geosciences (Switzerland), 2017, 7, 136.	2.2	15
16	Modeling urban air pollution with optimized hierarchical fuzzy inference system. Environmental Science and Pollution Research, 2016, 23, 19417-19431.	5.3	9
17	Integration of Local and Global Support Vector Machines to Improve Urban Growth Modelling. ISPRS International Journal of Geo-Information, 2018, 7, 347.	2.9	9
18	Modeling relationships between the network distance and travel time dynamics for assessing equity of accessibility to urban parks. Geo-Spatial Information Science, 2021, 24, 509-526.	5.3	6

#	Article	IF	Citations
19	An agent-based evaluation of impacts of transport developments on the modal shift in Tehran, Iran. Journal of Development Effectiveness, 0, , 1-22.	0.8	4
20	Adaptive spatial reclassification kernels for urban mapping from remotely sensed data: the A-SPARK approach. International Journal of Remote Sensing, 2010, 31, 761-774.	2.9	3
21	FreeSia: A Cyber-physical System for Cognitive Assessment through Frequency-domain Indoor Locomotion Analysis. ACM Transactions on Cyber-Physical Systems, 2022, 6, 1-31.	2.5	3
22	Point-of-interest recommendation using extended random walk with restart on geographical-temporal hybrid tripartite graph. Journal of Spatial Science, 0, , 1-19.	1.5	2