

# Mahdi Farnaghi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3866320/publications.pdf>

Version: 2024-02-01

26  
papers

360  
citations

1040056

9  
h-index

888059

17  
g-index

26  
all docs

26  
docs citations

26  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporally explicit earthquake prediction using deep neural network. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 144, 106663.	3.8	44
2	LaSVM-based big data learning system for dynamic prediction of air pollution in Tehran. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 300.	2.7	38
3	Blockchain, an enabling technology for transparent and accountable decentralized public participatory GIS. <i>Cities</i> , 2020, 105, 102850.	5.6	34
4	An ecological study of chronic kidney disease in five Mesoamerican countries: associations with crop and heat. <i>BMC Public Health</i> , 2021, 21, 840.	2.9	25
5	Spatial analysis of HIV-TB co-clustering in Uganda. <i>BMC Infectious Diseases</i> , 2019, 19, 612.	2.9	24
6	Predictive mapping of urban air pollution using Apache Spark on a Hadoop cluster. , 2017, , .		23
7	Disaster planning using automated composition of semantic OGC web services: A case study in sheltering. <i>Computers, Environment and Urban Systems</i> , 2013, 41, 204-218.	7.1	22
8	A Varied Density-based Clustering Approach for Event Detection from Heterogeneous Twitter Data. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 82.	2.9	21
9	Prediction mapping of human leptospirosis using ANN, GWR, SVM and GLM approaches. <i>BMC Infectious Diseases</i> , 2019, 19, 971.	2.9	20
10	Dynamic Spatio-Temporal Tweet Mining for Event Detection: A Case Study of Hurricane Florence. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 378-393.	2.9	13
11	HADOOP-BASED DISTRIBUTED SYSTEM FOR ONLINE PREDICTION OF AIR POLLUTION BASED ON SUPPORT VECTOR MACHINE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-1/W5, 215-219.	0.2	13
12	Automatic composition of WSMO based geospatial semantic web services using artificial intelligence planning. <i>Journal of Spatial Science</i> , 2013, 58, 235-250.	1.5	11
13	A Personalized Location-Based and Serendipity-Oriented Point of Interest Recommender Assistant Based on Behavioral Patterns. <i>Lecture Notes in Geoinformation and Cartography</i> , 2018, , 271-289.	1.0	9
14	Predictive risk mapping of human leptospirosis using support vector machine classification and multilayer perceptron neural network. <i>Geospatial Health</i> , 2019, 14, .	0.8	8
15	A recommender geoportal for geospatial resource discovery and recommendation. <i>Journal of Spatial Science</i> , 2019, 64, 49-71.	1.5	8
16	Development of New Generations of Mobile GIS Systems Using Web Services Technologies: A Case Study for Emergency Management. <i>Journal of Applied Sciences</i> , 2008, 8, 2669-2677.	0.3	8
17	Spatiotemporal data partitioning for distributed random forest algorithm: Air quality prediction using imbalanced big spatiotemporal data on spark distributed framework. <i>Environmental Technology and Innovation</i> , 2022, 27, 102776.	6.1	8
18	Design and implementation of an on-demand feature extraction web service to facilitate development of spatial data infrastructures. <i>Computers, Environment and Urban Systems</i> , 2008, 32, 377-385.	7.1	7

#	ARTICLE	IF	CITATIONS
19	Multi-Agent Planning for Automatic Geospatial Web Service Composition in Geoportals. ISPRS International Journal of Geo-Information, 2018, 7, 404.	2.9	6
20	Proposing and investigating PCAMARS as a novel model for NO2 interpolation. Environmental Monitoring and Assessment, 2019, 191, 183.	2.7	6
21	SPATIO-TEMPORAL PATTERN MINING ON TRAJECTORY DATA USING ARM. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 395-399.	0.2	5
22	<scp>FLCSS</scp>: A fuzzyâ€based longest common subsequence method for uncertainty management in trajectory similarity measures. Transactions in GIS, 2022, 26, 2244-2262.	2.3	4
23	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
24	Event detection from geotagged tweets considering spatial autocorrelation and heterogeneity. Journal of Spatial Science, 2023, 68, 353-371.	1.5	1
25	Establishing spatially-enabled health registry systems using implicit spatial data pools: case study â€Uganda. BMC Medical Informatics and Decision Making, 2019, 19, 215.	3.0	0
26	Analysis of spatial co-occurrence between cancer and cardiovascular disease mortality and its spatial variation among the Swedish elderly (2010â€2015). Applied Geography, 2020, 125, 102360.	3.7	0