

# Fatemeh Rezaie

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

1,004  
citations

16  
h-index

31  
g-index

41  
ext. papers

1,531  
ext. citations

4.7  
avg, IF

5.05  
L-index

#	Paper	IF	Citations
35	Convolutional neural network and long short-term memory algorithms for groundwater potential mapping in Anseong, South Korea. <i>Journal of Hydrology: Regional Studies</i> , <b>2022</b> , 39, 100990	3.6	4
34	Application of the group method of data handling (GMDH) approach for landslide susceptibility zonation using readily available spatial covariates. <i>Catena</i> , <b>2022</b> , 208, 105779	5.8	5
33	Radon potential mapping in Jangsu-gun, South Korea using probabilistic and deep learning algorithms. <i>Environmental Pollution</i> , <b>2022</b> , 292, 118385	9.3	1
32	Mapping of landslide potential in Pyeongchang-gun, South Korea, using machine learning meta-based optimization algorithms. <i>Egyptian Journal of Remote Sensing and Space Science</i> , <b>2022</b> , 25, 463-472	3.4	1
31	Earthquake Vulnerability Assessment for Urban Areas Using an ANN and Hybrid SWOT-QSPM Model. <i>Remote Sensing</i> , <b>2021</b> , 13, 4519	5	1
30	Convolutional neural network (CNN) with metaheuristic optimization algorithms for landslide susceptibility mapping in Icheon, South Korea.. <i>Journal of Environmental Management</i> , <b>2021</b> , 305, 114367	7.9	11
29	Flood spatial prediction modeling using a hybrid of meta-optimization and support vector regression modeling. <i>Catena</i> , <b>2021</b> , 199, 105114	5.8	13
28	Comparison of multi-criteria and artificial intelligence models for land-subsidence susceptibility zonation. <i>Journal of Environmental Management</i> , <b>2021</b> , 284, 112067	7.9	15
27	Performance Evaluation of GIS-Based Novel Ensemble Approaches for Land Subsidence Susceptibility Mapping. <i>Frontiers in Earth Science</i> , <b>2021</b> , 9,	3.5	5
26	Spatial prediction of landslide susceptibility in western Serbia using hybrid support vector regression (SVR) with GWO, BAT and COA algorithms. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101104	6	30
25	Optimization modelling to establish false measures implemented with ex-situ plant species to control gully erosion in a monsoon-dominated region with novel in-situ measurements. <i>Journal of Environmental Management</i> , <b>2021</b> , 287, 112284	7.9	25
24	Prediction of gully erosion susceptibility mapping using novel ensemble machine learning algorithms. <i>Geomatics, Natural Hazards and Risk</i> , <b>2021</b> , 12, 469-498	3.6	19
23	Climate and land use change induced future flood susceptibility assessment in a sub-tropical region of India. <i>Soft Computing</i> , <b>2021</b> , 25, 5925-5949	3.5	14
22	Credal decision tree based novel ensemble models for spatial assessment of gully erosion and sustainable management. <i>Scientific Reports</i> , <b>2021</b> , 11, 3147	4.9	2
21	Modeling groundwater potential using novel GIS-based machine-learning ensemble techniques. <i>Journal of Hydrology: Regional Studies</i> , <b>2021</b> , 36, 100848	3.6	6
20	Urban flood modeling using deep-learning approaches in Seoul, South Korea. <i>Journal of Hydrology</i> , <b>2021</b> , 601, 126684	6	16
19	Towards low carbon cities: Spatio-temporal dynamics of urban form and carbon dioxide emissions. <i>Remote Sensing Applications: Society and Environment</i> , <b>2020</b> , 18, 100317	2.8	9

18	Spatial prediction of groundwater potential mapping based on convolutional neural network (CNN) and support vector regression (SVR). <i>Journal of Hydrology</i> , <b>2020</b> , 588, 125033	6	76
17	Spatial prediction of landslide susceptibility using hybrid support vector regression (SVR) and the adaptive neuro-fuzzy inference system (ANFIS) with various metaheuristic algorithms. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 139937	10.2	55
16	Novel hybrid intelligence models for flood-susceptibility prediction: Meta optimization of the GMDH and SVR models with the genetic algorithm and harmony search. <i>Journal of Hydrology</i> , <b>2020</b> , 590, 125423	6	37
15	Landslide Susceptibility Assessment Using an Optimized Group Method of Data Handling Model. <i>ISPRS International Journal of Geo-Information</i> , <b>2020</b> , 9, 566	2.9	9
14	SEVUCAS: A Novel GIS-Based Machine Learning Software for Seismic Vulnerability Assessment. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 3495	2.6	31
13	Spatial Prediction of Landslide Susceptibility Using GIS-Based Data Mining Techniques of ANFIS with Whale Optimization Algorithm (WOA) and Grey Wolf Optimizer (GWO). <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 3755	2.6	89
12	Spatial prediction of groundwater potentiality using ANFIS ensemble with teaching-learning-based and biogeography-based optimization. <i>Journal of Hydrology</i> , <b>2019</b> , 572, 435-448 <sup>6</sup>		101
11	Multi-hazard probability assessment and mapping in Iran. <i>Science of the Total Environment</i> , <b>2019</b> , 692, 556-571	10.2	70
10	Meteorological data mining and hybrid data-intelligence models for reference evaporation simulation: A case study in Iraq. <i>Computers and Electronics in Agriculture</i> , <b>2019</b> , 167, 105041	6.5	66
9	Meta optimization of an adaptive neuro-fuzzy inference system with grey wolf optimizer and biogeography-based optimization algorithms for spatial prediction of landslide susceptibility. <i>Catena</i> , <b>2019</b> , 175, 430-445	5.8	143
8	GIS modeling of seismic vulnerability of residential fabrics considering geotechnical, structural, social and physical distance indicators in Tehran using multi-criteria decision-making techniques. <i>Natural Hazards and Earth System Sciences</i> , <b>2015</b> , 15, 461-474	3.9	43
7	Seismic vulnerability assessment of school buildings in Tehran city based on AHP and GIS. <i>Natural Hazards and Earth System Sciences</i> , <b>2014</b> , 14, 969-979	3.9	43
6	Spatial modeling of radon potential mapping using deep learning algorithms. <i>Geocarto International</i> , 1-23	2.7	1
5	Decision tree based ensemble machine learning approaches for landslide susceptibility mapping. <i>Geocarto International</i> , 1-35	2.7	23
4	Application of novel ensemble models and k-fold CV approaches for Land subsidence susceptibility modelling. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	2
3	Debris flows modeling using geo-environmental factors: developing hybridized deep-learning algorithms. <i>Geocarto International</i> , 1-25	2.7	9
2	Flash-flood hazard susceptibility mapping in Kangsabati River Basin, India. <i>Geocarto International</i> , 1-23	2.7	10
1	Toward the development of deep-learning analyses for snow avalanche releases in Mountain regions. <i>Geocarto International</i> , 1-25	2.7	16

