Fatemeh Rezaie

List of Publications by Citations

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	Meta optimization of an adaptive neuro-fuzzy inference system with grey wolf optimizer and biogeography-based optimization algorithms for spatial prediction of landslide susceptibility. *Catena*, **2019**, 175, 430-445	5.8	143
34	Spatial prediction of groundwater potentiality using ANFIS ensembled with teaching-learning-based and biogeography-based optimization. *Journal of Hydrology*, **2019**, 572, 435-448	6	101
33	Spatial Prediction of Landslide Susceptibility Using GIS-Based Data Mining Techniques of ANFIS with Whale Optimization Algorithm (WOA) and Grey Wolf Optimizer (GWO). *Applied Sciences (Switzerland)*, **2019**, 9, 3755	2.6	89
32	Spatial prediction of groundwater potential mapping based on convolutional neural network (CNN) and support vector regression (SVR). *Journal of Hydrology*, **2020**, 588, 125033	6	76
31	Multi-hazard probability assessment and mapping in Iran. *Science of the Total Environment*, **2019**, 692, 556-571	10.2	70
30	Meteorological data mining and hybrid data-intelligence models for reference evaporation simulation: A case study in Iraq. *Computers and Electronics in Agriculture*, **2019**, 167, 105041	6.5	66
29	Spatial prediction of landslide susceptibility using hybrid support vector regression (SVR) and the adaptive neuro-fuzzy inference system (ANFIS) with various metaheuristic algorithms. *Science of the Total Environment*, **2020**, 741, 139937	10.2	55
28	GIS modeling of seismic vulnerability of residential fabrics considering geotechnical, structural, social and physical distance indicators in Tehran using multi-criteria decision-making techniques. *Natural Hazards and Earth System Sciences*, **2015**, 15, 461-474	3.9	43
27	Seismic vulnerability assessment of school buildings in Tehran city based on AHP and GIS. *Natural Hazards and Earth System Sciences*, **2014**, 14, 969-979	3.9	43
26	Novel hybrid intelligence models for flood-susceptibility prediction: Meta optimization of the GMDH and SVR models with the genetic algorithm and harmony search. *Journal of Hydrology*, **2020**, 590, 125423	6	37
25	SEVUCAS: A Novel GIS-Based Machine Learning Software for Seismic Vulnerability Assessment. *Applied Sciences (Switzerland)*, **2019**, 9, 3495	2.6	31
24	Spatial prediction of landslide susceptibility in western Serbia using hybrid support vector regression (SVR) with GWO, BAT and COA algorithms. *Geoscience Frontiers*, **2021**, 12, 101104	6	30
23	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. *Journal of Environmental Management*, **2021**, 287, 112284	7.9	25
22	Decision tree based ensemble machine learning approaches for landslide susceptibility mapping. *Geocarto International*,1-35	2.7	23
21	Prediction of gully erosion susceptibility mapping using novel ensemble machine learning algorithms. *Geomatics, Natural Hazards and Risk*, **2021**, 12, 469-498	3.6	19
20	Toward the development of deep-learning analyses for snow avalanche releases in Mountain regions. *Geocarto International*,1-25	2.7	16
19	Urban flood modeling using deep-learning approaches in Seoul, South Korea. *Journal of Hydrology*, **2021**, 601, 126684	6	16

18	Comparison of multi-criteria and artificial intelligence models for land-subsidence susceptibility zonation. *Journal of Environmental Management*, **2021**, 284, 112067	7.9	15
17	Climate and land use change induced future flood susceptibility assessment in a sub-tropical region of India. *Soft Computing*, **2021**, 25, 5925-5949	3.5	14
16	Flood spatial prediction modeling using a hybrid of meta-optimization and support vector regression modeling. *Catena*, **2021**, 199, 105114	5.8	13
15	Convolutional neural network (CNN) with metaheuristic optimization algorithms for landslide susceptibility mapping in Icheon, South Korea.. *Journal of Environmental Management*, **2021**, 305, 114367	7.9	11
14	Flash-flood hazard susceptibility mapping in Kangsabati River Basin, India. *Geocarto International*,1-23	2.7	10
13	Towards low carbon cities: Spatio-temporal dynamics of urban form and carbon dioxide emissions. *Remote Sensing Applications: Society and Environment*, **2020**, 18, 100317	2.8	9
12	Landslide Susceptibility Assessment Using an Optimized Group Method of Data Handling Model. *ISPRS International Journal of Geo-Information*, **2020**, 9, 566	2.9	9
11	Debris flows modeling using geo-environmental factors: developing hybridized deep-learning algorithms. *Geocarto International*,1-25	2.7	9
10	Modeling groundwater potential using novel GIS-based machine-learning ensemble techniques. *Journal of Hydrology: Regional Studies*, **2021**, 36, 100848	3.6	6
9	Application of the group method of data handling (GMDH) approach for landslide susceptibility zonation using readily available spatial covariates. *Catena*, **2022**, 208, 105779	5.8	5
8	Performance Evaluation of GIS-Based Novel Ensemble Approaches for Land Subsidence Susceptibility Mapping. *Frontiers in Earth Science*, **2021**, 9,	3.5	5
7	Convolutional neural network and long short-term memory algorithms for groundwater potential mapping in Anseong, South Korea. *Journal of Hydrology: Regional Studies*, **2022**, 39, 100990	3.6	4
6	Application of novel ensemble models and k-fold CV approaches for Land subsidence susceptibility modelling. *Stochastic Environmental Research and Risk Assessment*,1	3.5	2
5	Credal decision tree based novel ensemble models for spatial assessment of gully erosion and sustainable management. *Scientific Reports*, **2021**, 11, 3147	4.9	2
4	Earthquake Vulnerability Assessment for Urban Areas Using an ANN and Hybrid SWOT-QSPM Model. *Remote Sensing*, **2021**, 13, 4519	5	1
3	Spatial modeling of radon potential mapping using deep learning algorithms. *Geocarto International*,1-23	2.7	1
2	Radon potential mapping in Jangsu-gun, South Korea using probabilistic and deep learning algorithms. *Environmental Pollution*, **2022**, 292, 118385	9.3	1
1	Mapping of landslide potential in Pyeongchang-gun, South Korea, using machine learning meta-based optimization algorithms. *Egyptian Journal of Remote Sensing and Space Science*, **2022**, 25, 463-472	3.4	1