

# Hamid Reza Pourghasemi

List of Publications by Year  
in descending order

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243  
papers

21,011  
citations

7568

77  
h-index

11308

136  
g-index

256  
all docs

256  
docs citations

256  
times ranked

7411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of statistical and machine learning approaches in land subsidence modelling. Geocarto International, 2022, 37, 6165-6185.	3.5	5
2	Predictive habitat suitability models for <i>Teucrium polium</i> L. using boosted regression trees. , 2022, , 245-254.		2
3	Application of machine learning algorithms in hydrology. , 2022, , 585-591.		18
4	Badland erosion mapping and effective factors on its occurrence using random forest model. , 2022, , 577-583.		3
5	Multihazard risk analysis and governance across a provincial capital in northern Iran. , 2022, , 655-673.		0
6	COVID-19: An analysis on official reports in Iran and the world along with some comparisons to other hazards. , 2022, , 635-654.		0
7	Pest-infected oak trees identify using remote sensing-based classification algorithms. , 2022, , 363-376.		3
8	Predicting areas affected by forest fire based on a machine learning algorithm. , 2022, , 351-362.		3
9	Digital soil mapping of soil bulk density in loess derived-soils with complex topography. , 2022, , 593-599.		1
10	Digital soil mapping of organic carbon at two depths in loess hilly region of Northern Iran. , 2022, , 467-475.		2
11	Identification of land subsidence prone areas and their mapping using machine learning algorithms. , 2022, , 535-545.		2
12	A novel hybrid of support vector regression and metaheuristic algorithms for groundwater spring potential mapping. Science of the Total Environment, 2022, 807, 151055.	8.0	16
13	Investigation of water quality and its spatial distribution in the Kor River basin, Fars province, Iran. Environmental Research, 2022, 204, 112294.	7.5	18
14	Spatial modeling of land subsidence using machine learning models and statistical methods. Environmental Science and Pollution Research, 2022, 29, 28866-28883.	5.3	17
15	Spatial mapping <i>Zataria multiflora</i> using different machine-learning algorithms. Catena, 2022, 212, 106007.	5.0	6
16	Provision of eucalyptus wood farming potential map in Iran: An application of land cover, ecological, climatic, hydrologic, and edaphic analysis in a GIS-based fuzzy AHP framework. Ecological Indicators, 2022, 136, 108621.	6.3	3
17	The topographic threshold of gully erosion and contributing factors. Natural Hazards, 2022, 112, 2013-2035.	3.4	4
18	Digital soil mapping and modeling in Loess-derived soils of Iranian Loess Plateau. Geocarto International, 2022, 37, 11633-11651.	3.5	7

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19	Investigating geometrical characteristics of collapsed pipes and the changing role of driving factors. <i>Journal of Environmental Management</i> , 2022, 312, 114910.	7.8	2
20	Advanced machine learning algorithms for flood susceptibility modeling “ performance comparison: Red Sea, Egypt. <i>Environmental Science and Pollution Research</i> , 2022, 29, 66768-66792.	5.3	8
21	Assessment of groundwater vulnerability in an urban area: a comparative study based on DRASTIC, EBF, and LR models. <i>Environmental Science and Pollution Research</i> , 2022, 29, 72908-72928.	5.3	5
22	Assessing and mapping distribution, area, and density of riparian forests in southern Iran using Sentinel-2A, Google earth, and field data. <i>Environmental Science and Pollution Research</i> , 2022, 29, 79605-79617.	5.3	1
23	Landslide susceptibility mapping using machine learning algorithms and comparison of their performance at Abha Basin, Asir Region, Saudi Arabia. <i>Geoscience Frontiers</i> , 2021, 12, 639-655.	8.4	206
24	Location-allocation modeling for emergency evacuation planning with GIS and remote sensing: A case study of Northeast Bangladesh. <i>Geoscience Frontiers</i> , 2021, 12, 101095.	8.4	49
25	Factors affecting methane emissions in OPEC member countries: does the agricultural production matter?. <i>Environment, Development and Sustainability</i> , 2021, 23, 6734-6748.	5.0	17
26	Assessment of land degradation using machine learning techniques: A case of declining rangelands. <i>Land Degradation and Development</i> , 2021, 32, 1452-1466.	3.9	33
27	Ecological risk potential assessment of heavy metal contaminated soils in Ophiolitic formations. <i>Environmental Research</i> , 2021, 192, 110305.	7.5	23
28	A linear/non-linear hybrid time-series model to investigate the depletion of inland water bodies. <i>Environment, Development and Sustainability</i> , 2021, 23, 10727-10742.	5.0	2
29	Geomorphological change detection of an urban meander loop caused by an extreme flood using remote sensing and bathymetry measurements (a case study of Karoon River, Iran). <i>Journal of Hydrology</i> , 2021, 597, 125712.	5.4	9
30	Spatial modeling of susceptibility to subsidence using machine learning techniques. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1689.	4.0	18
31	RUSLE model coupled with RS-GIS for soil erosion evaluation compared with T value in Southwest Iran. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	20
32	Forest fire spatial modelling using ordered weighted averaging multi-criteria evaluation. <i>Journal of Forest Science</i> , 2021, 67, 87-100.	1.1	14
33	Groundwater recharge potential zonation using an ensemble of machine learning and bivariate statistical models. <i>Scientific Reports</i> , 2021, 11, 5587.	3.3	47
34	Spatial and temporal analysis of urban heat island using Landsat satellite images. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41439-41450.	5.3	21
35	Field Monitoring-Based and Theoretical Analysis of Baota Mountain Landslide Stability. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-16.	0.7	1
36	Evaluation of multi-hazard map produced using MaxEnt machine learning technique. <i>Scientific Reports</i> , 2021, 11, 6496.	3.3	63

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37	Morphometry of AFs in upstream and downstream of floods in Gribayegan, Iran. <i>Natural Hazards</i> , 2021, 108, 425-450.	3.4	5
38	Prioritization of water erosion-prone sub-watersheds using three ensemble methods in Qareaghaj catchment, southern Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37894-37917.	5.3	14
39	Investigation of plant contamination to Ni, Pb, Zn, and Cd and its relationship with spectral reflections. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37830-37842.	5.3	1
40	Fire-susceptibility mapping in the natural areas of Iran using new and ensemble data-mining models. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47395-47406.	5.3	18
41	Landslide susceptibility assessment and mapping using state-of-the art machine learning techniques. <i>Natural Hazards</i> , 2021, 108, 1291-1316.	3.4	27
42	Social networks' analysis of rural stakeholders in watershed management. <i>Environment, Development and Sustainability</i> , 2021, 23, 17535-17557.	5.0	6
43	Landslide susceptibility mapping using statistical bivariate models and their hybrid with normalized spatial-correlated scale index and weighted calibrated landslide potential model. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	27
44	A comparative study between dynamic and soft computing models for sediment forecasting. <i>Soft Computing</i> , 2021, 25, 11005-11017.	3.6	11
45	Geohazards Susceptibility Assessment along the Upper Indus Basin Using Four Machine Learning and Statistical Models. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 315.	2.9	20
46	Wildland Fire Susceptibility Mapping Using Support Vector Regression and Adaptive Neuro-Fuzzy Inference System-Based Whale Optimization Algorithm and Simulated Annealing. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 382.	2.9	24
47	A multi-hazard map-based flooding, gully erosion, forest fires, and earthquakes in Iran. <i>Scientific Reports</i> , 2021, 11, 14889.	3.3	30
48	Determining and forecasting drought susceptibility in southwestern Iran using multi-criteria decision-making (MCDM) coupled with CA-Markov model. <i>Science of the Total Environment</i> , 2021, 781, 146703.	8.0	55
49	Development of flood hazard map and emergency relief operation system using hydrodynamic modeling and machine learning algorithm. <i>Journal of Cleaner Production</i> , 2021, 311, 127594.	9.3	37
50	Integrating Landslide Typology with Weighted Frequency Ratio Model for Landslide Susceptibility Mapping: A Case Study from Lanzhou City of Northwestern China. <i>Remote Sensing</i> , 2021, 13, 3623.	4.0	37
51	Application of Granger-causality to study the climate change impacts on depletion patterns of inland water bodies. <i>Hydrological Sciences Journal</i> , 2021, 66, 1767-1776.	2.6	5
52	Application of stacking hybrid machine learning algorithms in delineating multi-type flooding in Bangladesh. <i>Journal of Environmental Management</i> , 2021, 295, 113086.	7.8	51
53	Change detection in piping, gully head forms, and mechanisms. <i>Catena</i> , 2021, 206, 105550.	5.0	12
54	A comparative assessment of gully erosion spatial predictive modeling using statistical and machine learning models. <i>Catena</i> , 2021, 207, 105679.	5.0	10

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55	Assessment of Urban Infrastructures Exposed to Flood Using Susceptibility Map and Google Earth Engine. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 1923-1937.	4.9	19
56	Modeling and Prediction of Habitat Suitability for <i>Ferula gummosa</i> Medicinal Plant in a Mountainous Area. <i>Natural Resources Research</i> , 2021, 30, 4861-4884.	4.7	9
57	Habitat potential modelling and mapping of <i>Teucrium polium</i> using machine learning techniques. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 759.	2.7	8
58	Soil erosion assessment using RUSLE model and its validation by FR probability model. <i>Geocarto International</i> , 2020, 35, 1750-1768.	3.5	51
59	The potential of straw mulch as a nature-based solution for soil erosion in olive plantation treated with glyphosate: A biophysical and socioeconomic assessment. <i>Land Degradation and Development</i> , 2020, 31, 1877-1889.	3.9	44
60	Landslide susceptibility mapping using maximum entropy and support vector machine models along the highway corridor, Garhwal Himalaya. <i>Geocarto International</i> , 2020, 35, 168-187.	3.5	70
61	How do machine learning techniques help in increasing accuracy of landslide susceptibility maps?. <i>Geoscience Frontiers</i> , 2020, 11, 871-883.	8.4	172
62	Optimizing collapsed pipes mapping: Effects of DEM spatial resolution. <i>Catena</i> , 2020, 187, 104344.	5.0	10
63	Investigating the effects of different landslide positioning techniques, landslide partitioning approaches, and presence-absence balances on landslide susceptibility mapping. <i>Catena</i> , 2020, 187, 104364.	5.0	92
64	Statistical functions used for spatial modelling due to assessment of landslide distribution and landscape-interaction factors in Iran. <i>Geoscience Frontiers</i> , 2020, 11, 1257-1269.	8.4	11
65	Is multi-hazard mapping effective in assessing natural hazards and integrated watershed management?. <i>Geoscience Frontiers</i> , 2020, 11, 1203-1217.	8.4	67
66	An assessment of metaheuristic approaches for flood assessment. <i>Journal of Hydrology</i> , 2020, 582, 124536.	5.4	50
67	Land-subsidence susceptibility zonation using remote sensing, GIS, and probability models in a Google Earth Engine platform. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	16
68	A machine learning framework for multi-hazards modeling and mapping in a mountainous area. <i>Scientific Reports</i> , 2020, 10, 12144.	3.3	66
69	Comparison of new individual and hybrid machine learning algorithms for modeling and mapping fire hazard: a supplementary analysis of fire hazard in different counties of Golestan Province in Iran. <i>Natural Hazards</i> , 2020, 104, 305-327.	3.4	29
70	Predicting non-carcinogenic hazard quotients of heavy metals in pepper ( <i>Capsicum annum</i> L.) utilizing electromagnetic waves. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	6.0	8
71	A new integrated data mining model to map spatial variation in the susceptibility of land to act as a source of aeolian dust. <i>Environmental Science and Pollution Research</i> , 2020, 27, 42022-42039.	5.3	26
72	The temporal and spatial relationships between climatic parameters and fire occurrence in northeastern Iran. <i>Ecological Indicators</i> , 2020, 118, 106720.	6.3	34

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73	Assessment of the outbreak risk, mapping and infection behavior of COVID-19: Application of the autoregressive integrated-moving average (ARIMA) and polynomial models. PLoS ONE, 2020, 15, e0236238.	2.5	29
74	Assessing the susceptibility of schools to flood events in Iran. Scientific Reports, 2020, 10, 18114.	3.3	17
75	Soil Science Challenges in a New Era: A Transdisciplinary Overview of Relevant Topics. Air, Soil and Water Research, 2020, 13, 117862212097749.	2.5	69
76	Using Dempster-Shafer theory to model earthquake events. Natural Hazards, 2020, 103, 1943-1959.	3.4	3
77	A comparison of machine learning models for the mapping of groundwater spring potential. Environmental Earth Sciences, 2020, 79, 1.	2.7	29
78	Spatial prediction of groundwater potential mapping based on convolutional neural network (CNN) and support vector regression (SVR). Journal of Hydrology, 2020, 588, 125033.	5.4	188
79	Assessing, mapping, and optimizing the locations of sediment control check dams construction. Science of the Total Environment, 2020, 739, 139954.	8.0	20
80	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.	8.0	113
81	A novel GIS-based ensemble technique for rangeland downward trend mapping as an ecological indicator change. Ecological Indicators, 2020, 117, 106591.	6.3	33
82	Soil loss tolerance in calcareous soils of a semiarid region: evaluation, prediction, and influential parameters. Land Degradation and Development, 2020, 31, 2156-2167.	3.9	29
83	Gully erosion spatial modelling: Role of machine learning algorithms in selection of the best controlling factors and modelling process. Geoscience Frontiers, 2020, 11, 2207-2219.	8.4	76
84	Relations of land cover, topography, and climate to fire occurrence in natural regions of Iran: Applying new data mining techniques for modeling and mapping fire danger. Forest Ecology and Management, 2020, 473, 118338.	3.2	33
85	A comparative study on machine learning modeling for mass movement susceptibility mapping (a case) Tj ETQq1 1.0,784314,rgBT /O	3.5	24
86	Morphometric attributes-based soil erosion susceptibility mapping in Dnyanganga watershed of India using individual and ensemble models. Environmental Earth Sciences, 2020, 79, 1.	2.7	17
87	Gully head modelling in Iranian Loess Plateau under different scenarios. Catena, 2020, 194, 104769.	5.0	13
88	Spatial modeling, risk mapping, change detection, and outbreak trend analysis of coronavirus (COVID-19) in Iran (days between February 19 and June 14, 2020). International Journal of Infectious Diseases, 2020, 98, 90-108.	3.3	94
89	Groundwater spring potential assessment using new ensemble data mining techniques. Measurement: Journal of the International Measurement Confederation, 2020, 157, 107652.	5.0	32
90	Assessing and mapping multi-hazard risk susceptibility using a machine learning technique. Scientific Reports, 2020, 10, 3203.	3.3	126

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91	Application of learning vector quantization and different machine learning techniques to assessing forest fire influence factors and spatial modelling. Environmental Research, 2020, 184, 109321.	7.5	72
92	Forest stand susceptibility mapping during harvesting using logistic regression and boosted regression tree machine learning models. Global Ecology and Conservation, 2020, 22, e00974.	2.1	14
93	Evaluation of Recent Advanced Soft Computing Techniques for Gully Erosion Susceptibility Mapping: A Comparative Study. Sensors, 2020, 20, 335.	3.8	33
94	Prediction of drainage morphometry using a genetic landscape evolution algorithm. Geocarto International, 2020, , 1-14.	3.5	2
95	Using machine learning algorithms to map the groundwater recharge potential zones. Journal of Environmental Management, 2020, 265, 110525.	7.8	52
96	Effects of Grass on Runoff and Gully Bed Erosion: Concentrated Flow Experiment. Advances in Science, Technology and Innovation, 2020, , 221-233.	0.4	2
97	Factors Affecting Gully-Head Activity in a Hilly Area Under a Semiarid Climate in Iran. Advances in Science, Technology and Innovation, 2020, , 369-380.	0.4	1
98	A Review on the Gully Erosion and Land Degradation in Iran. Advances in Science, Technology and Innovation, 2020, , 393-403.	0.4	6
99	Mapping and Preparing a Susceptibility Map of Gully Erosion Using the MARS Model. Advances in Science, Technology and Innovation, 2020, , 405-413.	0.4	7
100	Gully Erosion Susceptibility Assessment Through the SVM Machine Learning Algorithm (SVM-MLA). Advances in Science, Technology and Innovation, 2020, , 415-425.	0.4	4
101	Data Mining Technique (Maximum Entropy Model) for Mapping Gully Erosion Susceptibility in the Gorganrood Watershed, Iran. Advances in Science, Technology and Innovation, 2020, , 427-448.	0.4	6
102	Gully Erosion Susceptibility Mapping Based on Bayesian Weight of Evidence. Advances in Science, Technology and Innovation, 2020, , 133-146.	0.4	14
103	Prediction of habitat suitability of Morina persica L. species using artificial intelligence techniques. Ecological Indicators, 2020, 112, 106096.	6.3	24
104	Role of Plant Roots to Control Rill-Gully Erosion: Hydraulic Flume Experiment. Advances in Science, Technology and Innovation, 2020, , 295-306.	0.4	0
105	Title is missing!. , 2020, 15, e0236238.		0
106	Title is missing!. , 2020, 15, e0236238.		0
107	Title is missing!. , 2020, 15, e0236238.		0
108	Title is missing!. , 2020, 15, e0236238.		0



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109	Presentation of RFFR New Ensemble Model for Landslide Susceptibility Assessment in Iran. <i>Advances in Natural and Technological Hazards Research</i> , 2019, , 123-143.	1.1	10
110	Land subsidence susceptibility assessment using random forest machine learning algorithm. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	80
111	Flood Spatial Modeling in Northern Iran Using Remote Sensing and GIS: A Comparison between Evidential Belief Functions and Its Ensemble with a Multivariate Logistic Regression Model. <i>Remote Sensing</i> , 2019, 11, 1589.	4.0	124
112	Sedimentological characteristics and application of machine learning techniques for landslide susceptibility modelling along the highway corridor Nahan to Rajgarh (Himachal Pradesh), India. <i>Catena</i> , 2019, 182, 104150.	5.0	39
113	Multi-hazard probability assessment and mapping in Iran. <i>Science of the Total Environment</i> , 2019, 692, 556-571.	8.0	119
114	GIS-based susceptibility assessment of the occurrence of gully headcuts and pipe collapses in a semi-arid environment: Golestan Province, NE Iran. <i>Land Degradation and Development</i> , 2019, 30, 2211-2225.	3.9	26
115	Maxent Data Mining Technique and Its Comparison with a Bivariate Statistical Model for Predicting the Potential Distribution of <i>Astragalus Fasciculifolius</i> Boiss. in Fars, Iran. <i>Sustainability</i> , 2019, 11, 3452.	3.2	32
116	Comparison analytic network and analytical hierarchical process approaches with feature selection algorithm to predict groundwater quality. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	5
117	Identification of soil erosion-susceptible areas using fuzzy logic and analytical hierarchy process modeling in an agricultural watershed of Burdwan district, India. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	75
118	A Comparative Assessment of Random Forest and k-Nearest Neighbor Classifiers for Gully Erosion Susceptibility Mapping. <i>Water (Switzerland)</i> , 2019, 11, 2076.	2.7	75
119	SEVUCAS: A Novel GIS-Based Machine Learning Software for Seismic Vulnerability Assessment. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3495.	2.5	42
120	Assessment of land subsidence susceptibility in Semnan plain (Iran): a comparison of support vector machine and weights of evidence data mining algorithms. <i>Natural Hazards</i> , 2019, 99, 951-971.	3.4	49
121	Predicting Habitat Suitability and Conserving <i>Juniperus</i> spp. Habitat Using SVM and Maximum Entropy Machine Learning Techniques. <i>Water (Switzerland)</i> , 2019, 11, 2049.	2.7	31
122	Testing a New Ensemble Model Based on SVM and Random Forest in Forest Fire Susceptibility Assessment and Its Mapping in Serbia's Tara National Park. <i>Forests</i> , 2019, 10, 408.	2.1	124
123	Evaluation of factors affecting gully headcut location using summary statistics and the maximum entropy model: Golestan Province, NE Iran. <i>Science of the Total Environment</i> , 2019, 677, 281-298.	8.0	36
124	Gully erosion susceptibility assessment and management of hazard-prone areas in India using different machine learning algorithms. <i>Science of the Total Environment</i> , 2019, 668, 124-138.	8.0	202
125	Spatial prediction of groundwater potentiality using ANFIS ensembled with teaching-learning-based and biogeography-based optimization. <i>Journal of Hydrology</i> , 2019, 572, 435-448.	5.4	150
126	Gully headcut susceptibility modeling using functional trees, naïve Bayes tree, and random forest models. <i>Geoderma</i> , 2019, 342, 1-11.	5.1	79



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127	PMT: New analytical framework for automated evaluation of geo-environmental modelling approaches. <i>Science of the Total Environment</i> , 2019, 664, 296-311.	8.0	84
128	Assessing the performance of GIS- based machine learning models with different accuracy measures for determining susceptibility to gully erosion. <i>Science of the Total Environment</i> , 2019, 664, 1117-1132.	8.0	137
129	Land-Subsidence Spatial Modeling Using the Random Forest Data-Mining Technique. , 2019, , 147-159.		12
130	Habitat Suitability Mapping of <i>Artemisia aucheri</i> Boiss Based on the GLM Model in R. , 2019, , 213-227.		8
131	Artificial Neural Networks for Flood Susceptibility Mapping in Data-Scarce Urban Areas. , 2019, , 323-336.		70
132	Modeling the Spatial Variability of Forest Fire Susceptibility Using Geographical Information Systems and the Analytical Hierarchy Process. , 2019, , 337-369.		20
133	Prioritization of Flood Inundation of Maharloo Watershed in Iran Using Morphometric Parameters Analysis and TOPSIS MCDM Model. , 2019, , 371-390.		25
134	Prioritization of Effective Factors on <i>Zataria multiflora</i> Habitat Suitability and its Spatial Modeling. , 2019, , 411-427.		6
135	A Comparative Study of Functional Data Analysis and Generalized Linear Model Data-Mining Techniques for Landslide Spatial Modeling. , 2019, , 467-484.		6
136	Assessing the Vulnerability of Groundwater to Salinization Using GIS-Based Data-Mining Techniques in a Coastal Aquifer. , 2019, , 547-571.		12
137	Spatial Modeling of Gully Erosion. , 2019, , 653-669.		19
138	Producing a Spatially Focused Landslide Susceptibility Map Using an Ensemble of Shannon's Entropy and Fractal Dimension (Case Study: Ziarat Watershed, Iran). , 2019, , 689-732.		3
139	Spatial Modeling of Gully Erosion Using Linear and Quadratic Discriminant Analyses in GIS and R. , 2019, , 299-321.		32
140	Factors Influencing Regional-Scale Wildfire Probability in Iran. , 2019, , 607-619.		20
141	Gully Erosion Susceptibility Mapping Using Multivariate Adaptive Regression Splines's Replications and Sample Size Scenarios. <i>Water (Switzerland)</i> , 2019, 11, 2319.	2.7	25
142	How do data-mining models consider arsenic contamination in sediments and variables importance?. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 777.	2.7	10
143	Landslide Susceptibility Mapping Using GIS-Based Data Mining Algorithms. <i>Water (Switzerland)</i> , 2019, 11, 2292.	2.7	40
144	Assessment of the importance of gully erosion effective factors using Boruta algorithm and its spatial modeling and mapping using three machine learning algorithms. <i>Geoderma</i> , 2019, 340, 55-69.	5.1	152

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145	Spatial modelling of gully headcuts using UAV data and four best-first decision classifier ensembles (BFTree, Bag-BFTree, RS-BFTree, and RF-BFTree). <i>Geomorphology</i> , 2019, 329, 184-193.	2.6	58
146	Prioritization of effective factors in the occurrence of land subsidence and its susceptibility mapping using an SVM model and their different kernel functions. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 4017-4034.	3.5	99
147	Gully Erosion Modeling Using GIS-Based Data Mining Techniques in Northern Iran: A Comparison Between Boosted Regression Tree and Multivariate Adaptive Regression Spline. <i>Advances in Natural and Technological Hazards Research</i> , 2019, , 1-26.	1.1	22
148	GIS-Based Landslide Susceptibility Evaluation Using Certainty Factor and Index of Entropy Ensembled with Alternating Decision Tree Models. <i>Advances in Natural and Technological Hazards Research</i> , 2019, , 225-251.	1.1	14
149	Assessment of the Contribution of Geo-environmental Factors to Flood Inundation in a Semi-arid Region of SW Iran: Comparison of Different Advanced Modeling Approaches. <i>Advances in Natural and Technological Hazards Research</i> , 2019, , 59-78.	1.1	9
150	Application of Fuzzy Analytical Network Process Model for Analyzing the Gully Erosion Susceptibility. <i>Advances in Natural and Technological Hazards Research</i> , 2019, , 105-125.	1.1	25
151	Effects of urbanization on river morphology of the Talar River, Mazandarn Province, Iran. <i>Geocarto International</i> , 2019, 34, 276-292.	3.5	29
152	Soil organic carbon mapping using remote sensing techniques and multivariate regression model. <i>Geocarto International</i> , 2019, 34, 215-226.	3.5	58
153	Spatial Simulation and Land-subsidence Susceptibility Mapping Using Maximum Entropy Model. <i>Journal of Watershed Management Research</i> , 2019, 10, 133-144.	0.0	3
154	Flood susceptibility mapping using geospatial frequency ratio technique: a case study of Subarnarekha River Basin, India. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 395-408.	3.4	116
155	Effects of an extreme flood on river morphology (case study: Karoon River, Iran). <i>Geomorphology</i> , 2018, 304, 30-39.	2.6	56
156	Analysis and evaluation of landslide susceptibility: a review on articles published during 2005â€“2016 (periods of 2005â€“2012 and 2013â€“2016). <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	166
157	A comparative study of landslide susceptibility maps produced using support vector machine with different kernel functions and entropy data mining models in China. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 647-664.	3.5	161
158	A comparison between ten advanced and soft computing models for groundwater qanat potential assessment in Iran using R and GIS. <i>Theoretical and Applied Climatology</i> , 2018, 131, 967-984.	2.8	127
159	Prioritization of landslide conditioning factors and its spatial modeling in Shangnan County, China using GIS-based data mining algorithms. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 611-629.	3.5	94
160	Modeling and assessing the effects of land use changes on runoff generation with the CLUE-s and WetSpa models. <i>Theoretical and Applied Climatology</i> , 2018, 133, 459-471.	2.8	28
161	Spatial assessment of groundwater quality using water quality index and hydrochemical indices in the Kodavanar sub-basin, Tamil Nadu, India. <i>Sustainable Water Resources Management</i> , 2018, 4, 627-641.	2.1	34
162	Assessment of floodplain landuse and channel morphology within meandering reach of the Talar River in Iran using GIS and aerial photographs. <i>Geocarto International</i> , 2018, 33, 1367-1380.	3.5	12

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