

Faming Huang

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.

42
papers

1,146
citations

20
h-index

33
g-index

50
ext. papers

1,985
ext. citations

3.6
avg, IF

5.21
L-index

#	Paper	IF	Citations
42	Landslide susceptibility modeling based on remote sensing data and data mining techniques. <i>Environmental Earth Sciences</i> , 2022 , 81, 1	2.9	1
41	Regional rainfall-induced landslide hazard warning based on landslide susceptibility mapping and a critical rainfall threshold. <i>Geomorphology</i> , 2022 , 408, 108236	4.3	2
40	The uncertainty of landslide susceptibility prediction modeling: suitability of linear conditioning factors. <i>Bulletin of Engineering Geology and the Environment</i> , 2022 , 81,	4	3
39	Uncertainty pattern in landslide susceptibility prediction modelling: Effects of different landslide boundaries and spatial shape expressions. <i>Geoscience Frontiers</i> , 2021 , 13, 101317	6	3
38	A Comparison Method for 3D Laser Point Clouds in Displacement Change Detection for Arch Dams. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 184	2.9	4
37	Uncertainty study of landslide susceptibility prediction considering the different attribute interval numbers of environmental factors and different data-based models. <i>Catena</i> , 2021 , 202, 105250	5.8	25
36	Experimental study of the failure mode and mechanism of loess fill slopes induced by rainfall. <i>Engineering Geology</i> , 2021 , 280, 105941	6	8
35	Landslide susceptibility mapping by attentional factorization machines considering feature interactions. <i>Geomatics, Natural Hazards and Risk</i> , 2021 , 12, 1837-1861	3.6	1
34	Landslide susceptibility zonation method based on C5.0 decision tree and K-means cluster algorithms to improve the efficiency of risk management. <i>Geoscience Frontiers</i> , 2021 , 12, 101249	6	22
33	Landslide Susceptibility Prediction Using Sparse Feature Extraction and Machine Learning Models Based on GIS and Remote Sensing. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	9
32	Uncertainties Analysis of Collapse Susceptibility Prediction Based on Remote Sensing and GIS: Influences of Different Data-Based Models and Connections between Collapses and Environmental Factors. <i>Remote Sensing</i> , 2020 , 12, 4134	5	12
31	Study on the creep behaviours and the improved Burgers model of a loess landslide considering matric suction. <i>Natural Hazards</i> , 2020 , 103, 1479-1497	3	10
30	Landslide Susceptibility Prediction Considering Regional Soil Erosion Based on Machine-Learning Models. <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 377	2.9	22
29	Landslide Susceptibility Prediction Modeling Based on Remote Sensing and a Novel Deep Learning Algorithm of a Cascade-Parallel Recurrent Neural Network. <i>Sensors</i> , 2020 , 20,	3.8	35
28	SUSLE: a slope and seasonal rainfall-based RUSLE model for regional quantitative prediction of soil erosion. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 5213-5228	4	8
27	Landslide susceptibility prediction based on a semi-supervised multiple-layer perceptron model. <i>Landslides</i> , 2020 , 17, 2919-2930	6.6	36
26	Comparisons of heuristic, general statistical and machine learning models for landslide susceptibility prediction and mapping. <i>Catena</i> , 2020 , 191, 104580	5.8	85

25	Landslide Susceptibility Prediction Based on Remote Sensing Images and GIS: Comparisons of Supervised and Unsupervised Machine Learning Models. <i>Remote Sensing</i> , 2020 , 12, 502	5	60
24	Landslide Susceptibility Prediction Based on the Information Value-Logistic Regression Model and Geographic Information System. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 570, 042049	0.3	0
23	Regional Terrain Complexity Assessment Based on Principal Component Analysis and Geographic Information System: A Case of Jiangxi Province, China. <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 539	2.9	5
22	A deep learning algorithm using a fully connected sparse autoencoder neural network for landslide susceptibility prediction. <i>Landslides</i> , 2020 , 17, 217-229	6.6	109
21	Regional terrain complexity evaluation based on GIS and K-means clustering model: a case study of Ningdu County, China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 300, 022025	0.3	1
20	Water pollution index evaluation of lake based on principal component analysis. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 300, 032010	0.3	2
19	Landslide Susceptibility Prediction Using Particle-Swarm-Optimized Multilayer Perceptron: Comparisons with Multilayer-Perceptron-Only, BP Neural Network, and Information Value Models. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3664	2.6	39
18	Experimental study on the disintegration of granite residual soil under the combined influence of wetting-drying cycles and acid rain. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 1912-1927	3.6	11
17	Regional Rainfall Warning System for Landslides with Creep Deformation in Three Gorges using a Statistical Black Box Model. <i>Scientific Reports</i> , 2019 , 9, 8962	4.9	23
16	Prediction of soil water retention curve using Bayesian updating from limited measurement data. <i>Applied Mathematical Modelling</i> , 2019 , 76, 380-395	4.5	13
15	Experimental study of subsurface erosion in granitic under the conditions of different soil column angles and flow discharges. <i>Bulletin of Engineering Geology and the Environment</i> , 2019 , 78, 5877-5888	4	10
14	?????????????????????. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences</i> , 2019 , 44, 664	1.6	3
13	Object-oriented change detection and damage assessment using high-resolution remote sensing images, Tangjiao Landslide, Three Gorges Reservoir, China. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	40
12	?????????????????????????????????. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences</i> , 2018 , 43, 887	1.6	3
11	Landslide susceptibility assessment in the Nantian area of China: a comparison of frequency ratio model and support vector machine. <i>Geomatics, Natural Hazards and Risk</i> , 2018 , 9, 919-938	3.6	58
10	Modelling of spatial variability of soil undrained shear strength by conditional random fields for slope reliability analysis. <i>Applied Mathematical Modelling</i> , 2018 , 63, 374-389	4.5	40
9	Landslide displacement prediction based on multivariate chaotic model and extreme learning machine. <i>Engineering Geology</i> , 2017 , 218, 173-186	6	123
8	Prediction of groundwater levels using evidence of chaos and support vector machine. <i>Journal of Hydroinformatics</i> , 2017 , 19, 586-606	2.6	48

7	Landslide susceptibility mapping based on self-organizing-map network and extreme learning machine. <i>Engineering Geology</i> , 2017 , 223, 11-22	6	107
6	A web-based GPS system for displacement monitoring and failure mechanism analysis of reservoir landslide. <i>Scientific Reports</i> , 2017 , 7, 17171	4.9	24
5	Stability Analysis of Hydrodynamic Pressure Landslides with Different Permeability Coefficients Affected by Reservoir Water Level Fluctuations and Rainstorms. <i>Water (Switzerland)</i> , 2017 , 9, 450	3	47
4	Uncertainty of the Soil-Water Characteristic Curve and Its Effects on Slope Seepage and Stability Analysis under Conditions of Rainfall Using the Markov Chain Monte Carlo Method. <i>Water (Switzerland)</i> , 2017 , 9, 758	3	23
3	Landslide displacement prediction using discrete wavelet transform and extreme learning machine based on chaos theory. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	54
2	Influencing factor analysis and displacement prediction in reservoir landslides – a case study of Three Gorges Reservoir (China). <i>Tehnicky Vjesnik</i> , 2016 , 23,	1	3
1	Efficient and automatic extraction of slope units based on multi-scale segmentation method for landslide assessments. <i>Landslides</i> , 1	6.6	9