

# Faming Huang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4515876/faming-huang-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 displacement prediction based on multivariate chaotic model and extreme learning machine. <i>Engineering Geology</i> , <b>2017</b> , 218, 173-186	6	123
41	A deep learning algorithm using a fully connected sparse autoencoder neural network for landslide susceptibility prediction. <i>Landslides</i> , <b>2020</b> , 17, 217-229	6.6	109
40	Landslide susceptibility mapping based on self-organizing-map network and extreme learning machine. <i>Engineering Geology</i> , <b>2017</b> , 223, 11-22	6	107
39	Comparisons of heuristic, general statistical and machine learning models for landslide susceptibility prediction and mapping. <i>Catena</i> , <b>2020</b> , 191, 104580	5.8	85
38	Landslide Susceptibility Prediction Based on Remote Sensing Images and GIS: Comparisons of Supervised and Unsupervised Machine Learning Models. <i>Remote Sensing</i> , <b>2020</b> , 12, 502	5	60
37	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> , <b>2018</b> , 9, 919-938	3.6	58
36	Landslide displacement prediction using discrete wavelet transform and extreme learning machine based on chaos theory. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	54
35	Prediction of groundwater levels using evidence of chaos and support vector machine. <i>Journal of Hydroinformatics</i> , <b>2017</b> , 19, 586-606	2.6	48
34	Stability Analysis of Hydrodynamic Pressure Landslides with Different Permeability Coefficients Affected by Reservoir Water Level Fluctuations and Rainstorms. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 450	3	47
33	Object-oriented change detection and damage assessment using high-resolution remote sensing images, Tangjiao Landslide, Three Gorges Reservoir, China. <i>Environmental Earth Sciences</i> , <b>2018</b> , 77, 1	2.9	40
32	Modelling of spatial variability of soil undrained shear strength by conditional random fields for slope reliability analysis. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 63, 374-389	4.5	40
31	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> , <b>2019</b> , 9, 3664	2.6	39
30	Landslide susceptibility prediction based on a semi-supervised multiple-layer perceptron model. <i>Landslides</i> , <b>2020</b> , 17, 2919-2930	6.6	36
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> , <b>2020</b> , 20,	3.8	35
28	Uncertainty study of landslide susceptibility prediction considering the different attribute interval numbers of environmental factors and different data-based models. <i>Catena</i> , <b>2021</b> , 202, 105250	5.8	25
27	A web-based GPS system for displacement monitoring and failure mechanism analysis of reservoir landslide. <i>Scientific Reports</i> , <b>2017</b> , 7, 17171	4.9	24
26	Regional Rainfall Warning System for Landslides with Creep Deformation in Three Gorges using a Statistical Black Box Model. <i>Scientific Reports</i> , <b>2019</b> , 9, 8962	4.9	23

25	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> , <b>2017</b> , 9, 758	3	23
24	Landslide Susceptibility Prediction Considering Regional Soil Erosion Based on Machine-Learning Models. <i>ISPRS International Journal of Geo-Information</i> , <b>2020</b> , 9, 377	2.9	22
23	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> , <b>2021</b> , 12, 101249	6	22
22	Prediction of soil water retention curve using Bayesian updating from limited measurement data. <i>Applied Mathematical Modelling</i> , <b>2019</b> , 76, 380-395	4.5	13
21	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> , <b>2020</b> , 12, 4134	5	12
20	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> , <b>2019</b> , 10, 1912-1927	3.6	11
19	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> , <b>2019</b> , 78, 5877-5888	4	10
18	Study on the creep behaviours and the improved Burgers model of a loess landslide considering matric suction. <i>Natural Hazards</i> , <b>2020</b> , 103, 1479-1497	3	10
17	Efficient and automatic extraction of slope units based on multi-scale segmentation method for landslide assessments. <i>Landslides</i> , 1	6.6	9
16	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> , <b>2021</b> , 1-5	4.1	9
15	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> , <b>2020</b> , 79, 5213-5228	4	8
14	Experimental study of the failure mode and mechanism of loess fill slopes induced by rainfall. <i>Engineering Geology</i> , <b>2021</b> , 280, 105941	6	8
13	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> , <b>2020</b> , 9, 539	2.9	5
12	A Comparison Method for 3D Laser Point Clouds in Displacement Change Detection for Arch Dams. <i>ISPRS International Journal of Geo-Information</i> , <b>2021</b> , 10, 184	2.9	4
11	Uncertainty pattern in landslide susceptibility prediction modelling: Effects of different landslide boundaries and spatial shape expressions. <i>Geoscience Frontiers</i> , <b>2021</b> , 13, 101317	6	3
10	?????????????????????????????????. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences</i> , <b>2018</b> , 43, 887	1.6	3
9	?????????????????????????????????. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences</i> , <b>2019</b> , 44, 664	1.6	3
8	Influencing factor analysis and displacement prediction in reservoir landslides – a case study of Three Gorges Reservoir (China). <i>Tehnicki Vjesnik</i> , <b>2016</b> , 23,	1	3

7	The uncertainty of landslide susceptibility prediction modeling: suitability of linear conditioning factors. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2022</b> , 81,	4	3
6	Water pollution index evaluation of lake based on principal component analysis. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 300, 032010	0.3	2
5	Regional rainfall-induced landslide hazard warning based on landslide susceptibility mapping and a critical rainfall threshold. <i>Geomorphology</i> , <b>2022</b> , 408, 108236	4.3	2
4	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> , <b>2019</b> , 300, 022025	0.3	1
3	Landslide susceptibility modeling based on remote sensing data and data mining techniques. <i>Environmental Earth Sciences</i> , <b>2022</b> , 81, 1	2.9	1
2	Landslide susceptibility mapping by attentional factorization machines considering feature interactions. <i>Geomatics, Natural Hazards and Risk</i> , <b>2021</b> , 12, 1837-1861	3.6	1
1	Landslide Susceptibility Prediction Based on the Information Value-Logistic Regression Model and Geographic Information System. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 570, 042049	0.3	0