Kun-long Yin

List of Publications by Year
in descending order

39 papers	1,722 citations	361413 20 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	1000 citing authors

#	Article	IF	Citations
1	Displacement prediction in colluvial landslides, Three Gorges Reservoir, China. Landslides, 2013, 10, 203-218.	5.4	242
2	Time series analysis and long short-term memory neural network to predict landslide displacement. Landslides, 2019, 16, 677-694.	5.4	230
3	Displacement prediction of step-like landslide by applying a novel kernel extreme learning machine method. Landslides, 2018, 15, 2211-2225.	5.4	123
4	Analysis of Baishuihe landslide influenced by the effects of reservoir water and rainfall. Environmental Earth Sciences, 2010, 60, 677-687.	2.7	121
5	Using an extreme learning machine to predict the displacement of step-like landslides in relation to controlling factors. Landslides, 2016, 13, 725-736.	5.4	111
6	Mechanism of the Anlesi landslide in the Three Gorges Reservoir, China. Engineering Geology, 2009, 108, 86-95.	6.3	101
7	Landslide displacement prediction based on variational mode decomposition and WA-GWO-BP model. Landslides, 2020, 17, 567-583.	5.4	87
8	Landslide displacement prediction using discrete wavelet transform and extreme learning machine based on chaos theory. Environmental Earth Sciences, 2016, 75, 1.	2.7	83
9	Spatial prediction of landslide susceptibility using GIS-based statistical and machine learning models in Wanzhou County, Three Gorges Reservoir, China. Acta Geochimica, 2019, 38, 654-669.	1.7	73
10	Landslide Characterization Applying Sentinel-1 Images and InSAR Technique: The Muyubao Landslide in the Three Gorges Reservoir Area, China. Remote Sensing, 2020, 12, 3385.	4.0	62
11	Annual variation of landslide stability under the effect of water level fluctuation and rainfall in the Three Gorges Reservoir, China. Environmental Earth Sciences, 2017, 76, 1.	2.7	40
12	Regional Rainfall Warning System for Landslides with Creep Deformation in Three Gorges using a Statistical Black Box Model. Scientific Reports, 2019, 9, 8962.	3.3	38
13	Establishment of Landslide Groundwater Level Prediction Model Based on GA-SVM and Influencing Factor Analysis. Sensors, 2020, 20, 845.	3.8	36
14	Practical application of the coupled DDA-SPH method in dynamic modeling for the formation of landslide dam. Landslides, 2019, 16, 1021-1032.	5.4	33
15	A novel method for landslide displacement prediction by integrating advanced computational intelligence algorithms. Scientific Reports, 2018, 8, 7287.	3.3	31
16	Correlation between incompetent beds and slope deformation at Badong town in the Three Gorges reservoir, China. Environmental Earth Sciences, 2013, 69, 209-223.	2.7	29
17	Landslide hazard assessment of rainfall-induced landslide based on the CF-SINMAP model: a case study from Wuling Mountain in Hunan Province, China. Natural Hazards, 2021, 106, 679-700.	3.4	25
18	Landslide Displacement Prediction Combining LSTM and SVR Algorithms: A Case Study of Shengjibao Landslide from the Three Gorges Reservoir Area. Applied Sciences (Switzerland), 2020, 10, 7830.	2.5	23

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19	Effect of over-consolidation and shear rate on the residual strength of soils of silty sand in the Three Gorges Reservoir. Scientific Reports, 2017, 7, 5503.	3.3	22
20	How does the water–rock interaction of marly rocks affect its mechanical properties in the Three Gorges reservoir area, China?. Environmental Earth Sciences, 2014, 72, 2797-2810.	2.7	21
21	Characterizing the Development Pattern of a Colluvial Landslide Based on Long-Term Monitoring in the Three Gorges Reservoir. Remote Sensing, 2021, 13, 224.	4.0	21
22	Displacement characteristics and prediction of Baishuihe landslide in the Three Gorges Reservoir. Journal of Mountain Science, 2019, 16, 2203-2214.	2.0	20
23	Characteristics of landslides and debris flows triggered by extreme rainfall in Daoshi Town during the 2019 Typhoon Lekima, Zhejiang Province, China. Landslides, 2022, 19, 1735-1749.	5.4	19
24	The Hejiapingzi landslide in Weining County, Guizhou Province, Southwest China: a recent slow-moving landslide triggered by reservoir drawdown. Landslides, 2019, 16, 1353-1365.	5.4	17
25	Quantitative risk analysis of the hazard chain triggered by a landslide and the generated tsunami in the Three Gorges Reservoir area. Landslides, 2021, 18, 667-680.	5.4	15
26	Failure probability assessment of landslides triggered by earthquakes and rainfall: a case study in Yadong County, Tibet, China. Scientific Reports, 2020, 10, 16531.	3.3	14
27	Susceptibility Assessment for Landslide Initiated along Power Transmission Lines. Remote Sensing, 2021, 13, 5068.	4.0	14
28	Modeling of landslide generated impulsive waves considering complex topography in reservoir area. Environmental Earth Sciences, 2016, 75, 1.	2.7	13
29	Landslide displacement analysis based on fractal theory, in Wanzhou District, Three Gorges Reservoir, China. Geomatics, Natural Hazards and Risk, 2016, 7, 1707-1725.	4.3	12
30	Estimation of probability distribution of shear strength of slip zone soils in Middle Jurassic red beds in Wanzhou of China. Landslides, 2017, 14, 2165-2174.	5.4	12
31	Satellite InSAR as a New Tool for the Verification of Landslide Engineering Remedial Works at the Regional Scale: A Case Study in the Three Gorges Resevoir Area, China. Applied Sciences (Switzerland), 2020, 10, 6435.	2.5	8
32	Mechanical analysis for progressive failure of debris landslide. Journal of Mountain Science, 2011, 8, 328-335.	2.0	6
33	Dynamic assessment of rainfall-induced shallow landslide hazard. Journal of Mountain Science, 2017, 14, 1292-1302.	2.0	6
34	The July 1, 2017 Wangjiawan landslide in Ningxiang County, China. Landslides, 2018, 15, 1657-1662.	5.4	5
35	Rock Slope Stability Evaluation in a Steep-Walled Canyon: Application to Elevator Construction in the Yunlong River Valley, Enshi, China. Rock Mechanics and Rock Engineering, 2015, 48, 1969-1980.	5.4	3
36	Estimating the properties of weathered bedrock and pilerock interaction from the geological strength index. Journal of Mountain Science, 2018, 15, 1757-1776.	2.0	3

#	Article	IF	Citations
37	Modeling of landslide generated waves in Three Gorges Reservoir, China using SPH method. Japanese Geotechnical Society Special Publication, 2016, 2, 1183-1188.	0.2	2
38	Deformation characteristics of landslide with steplike deformation in the Three Gorges Reservoir. , 2011, , .		1
39	Numerical simulation data on landslide generated impulse waves affected by the reservoir geometry. Data in Brief, 2020, 28, 104938.	1.0	0