

Chi-Wen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,185
citations

687220

13
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary establishment of a mass movement warning system for Taiwan using the soil water index. <i>Landslides</i> , 2022, 19, 1779-1789.	2.7	3
2	Modeling of earthquake-induced landslide distributions based on the active fault parameters. <i>Engineering Geology</i> , 2022, 303, 106640.	2.9	6
3	Impact assessment of reservoir desiltation measures for downstream riverbed migration in climate change: A case study in northern Taiwan. <i>Journal of Hydro-Environment Research</i> , 2021, 37, 67-81.	1.0	4
4	Improved landslide assessment using support vector machine with bagging, boosting, and stacking ensemble machine learning framework in a mountainous watershed, Japan. <i>Landslides</i> , 2020, 17, 641-658.	2.7	294
5	Future Landslide Characteristic Assessment Using Ensemble Climate Change Scenarios: A Case Study in Taiwan. <i>Water (Switzerland)</i> , 2020, 12, 564.	1.2	9
6	Using a Tank Model to Determine Hydro-Meteorological Thresholds for Large-Scale Landslides in Taiwan. <i>Water (Switzerland)</i> , 2020, 12, 253.	1.2	6
7	Torrential rainfall-triggered shallow landslide characteristics and susceptibility assessment using ensemble data-driven models in the Dongjiang Reservoir Watershed, China. <i>Natural Hazards</i> , 2019, 97, 579-609.	1.6	55
8	Assessment of advanced random forest and decision tree algorithms for modeling rainfall-induced landslide susceptibility in the Izu-Oshima Volcanic Island, Japan. <i>Science of the Total Environment</i> , 2019, 662, 332-346.	3.9	378
9	Evaluating GIS-Based Multiple Statistical Models and Data Mining for Earthquake and Rainfall-Induced Landslide Susceptibility Using the LiDAR DEM. <i>Remote Sensing</i> , 2019, 11, 638.	1.8	124
10	Assessing landslide characteristics in a changing climate in northern Taiwan. <i>Catena</i> , 2019, 175, 263-277.	2.2	35
11	Estimation of the antecedent rainfall period for mass movements in Taiwan. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	3
12	Sediment yield during typhoon events in relation to landslides, rainfall, and catchment areas in Taiwan. <i>Geomorphology</i> , 2018, 303, 540-548.	1.1	24
13	TXT-tool 1.081-6.1 A Comparative Study of the Binary Logistic Regression (BLR) and Artificial Neural Network (ANN) Models for GIS-Based Spatial Predicting Landslides at a Regional Scale. , 2018, , 139-151.		25
14	Analysis of the Aso-Bridge landslide during the 2016 Kumamoto earthquakes in Japan. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1439-1449.	1.6	15
15	Impact of an Extreme Typhoon Event on Subsequent Sediment Discharges and Rainfall-Driven Landslides in Affected Mountainous Regions of Taiwan. <i>Geofluids</i> , 2018, 2018, 1-11.	0.3	5
16	Riverbed Migrations in Western Taiwan under Climate Change. <i>Water (Switzerland)</i> , 2018, 10, 1631.	1.2	5
17	Evaluating critical rainfall conditions for large-scale landslides by detecting event times from seismic records. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 2877-2891.	1.5	18
18	Relationship between landslide size and rainfall conditions in Taiwan. <i>Landslides</i> , 2017, 14, 1235-1240.	2.7	39

#	ARTICLE	IF	CITATIONS
19	Analyzing rainfall-induced mass movements in Taiwan using the soil water index. <i>Landslides</i> , 2017, 14, 1031-1041.	2.7	23
20	Effects of active fault types on earthquake-induced deep-seated landslides: A study of historical cases in Japan. <i>Geomorphology</i> , 2017, 295, 680-689.	1.1	8
21	Evaluating the susceptibility of landslide landforms in Japan using slope stability analysis: a case study of the 2016 Kumamoto earthquake. <i>Landslides</i> , 2017, 14, 1793-1801.	2.7	29
22	Distributions of landslides, vegetation, and related sediment yields during typhoon events in northwestern Taiwan. <i>Geomorphology</i> , 2016, 273, 1-13.	1.1	23
23	Rainfall intensity–duration conditions for mass movements in Taiwan. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	1.1	53