# Chi-Wen Chen

List of Publications by Year
in descending order

| 23 papers | 1,185 citations | 687220<br>13 h-index | 677027<br>22 g-index |
|---|---|---|---|
| 24 all docs | 24 docs citations | 24 times ranked | 1145 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 1 | Assessment of advanced random forest and decision tree algorithms for modeling rainfall-induced landslide susceptibility in the Izu-Oshima Volcanic Island, Japan. Science of the Total Environment, 2019, 662, 332-346. | 3.9 | 378 |
| 2 | Improved landslide assessment using support vector machine with bagging, boosting, and stacking ensemble machine learning framework in a mountainous watershed, Japan. Landslides, 2020, 17, 641-658. | 2.7 | 294 |
| 3 | Evaluating GIS-Based Multiple Statistical Models and Data Mining for Earthquake and Rainfall-Induced Landslide Susceptibility Using the LiDAR DEM. Remote Sensing, 2019, 11, 638. | 1.8 | 124 |
| 4 | Torrential rainfall-triggered shallow landslide characteristics and susceptibility assessment using ensemble data-driven models in the Dongjiang Reservoir Watershed, China. Natural Hazards, 2019, 97, 579-609. | 1.6 | 55 |
| 5 | Rainfall intensity–duration conditions for mass movements in Taiwan. Progress in Earth and Planetary Science, 2015, 2, . | 1.1 | 53 |
| 6 | Relationship between landslide size and rainfall conditions in Taiwan. Landslides, 2017, 14, 1235-1240. | 2.7 | 39 |
| 7 | Assessing landslide characteristics in a changing climate in northern Taiwan. Catena, 2019, 175, 263-277. | 2.2 | 35 |
| 8 | Evaluating the susceptibility of landslide landforms in Japan using slope stability analysis: a case study of the 2016 Kumamoto earthquake. Landslides, 2017, 14, 1793-1801. | 2.7 | 29 |
| 9 | 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 |
| 10 | Sediment yield during typhoon events in relation to landslides, rainfall, and catchment areas in Taiwan. Geomorphology, 2018, 303, 540-548. | 1.1 | 24 |
| 11 | Distributions of landslides, vegetation, and related sediment yields during typhoon events in northwestern Taiwan. Geomorphology, 2016, 273, 1-13. | 1.1 | 23 |
| 12 | Analyzing rainfall-induced mass movements in Taiwan using the soil water index. Landslides, 2017, 14, 1031-1041. | 2.7 | 23 |
| 13 | Evaluating critical rainfall conditions for large-scale landslides by detecting event times from seismic records. Natural Hazards and Earth System Sciences, 2018, 18, 2877-2891. | 1.5 | 18 |
| 14 | Analysis of the Aso-Bridge landslide during the 2016 Kumamoto earthquakes in Japan. Bulletin of Engineering Geology and the Environment, 2018, 77, 1439-1449. | 1.6 | 15 |
| 15 | Future Landslide Characteristic Assessment Using Ensemble Climate Change Scenarios: A Case Study in Taiwan. Water (Switzerland), 2020, 12, 564. | 1.2 | 9 |
| 16 | Effects of active fault types on earthquake-induced deep-seated landslides: A study of historical cases in Japan. Geomorphology, 2017, 295, 680-689. | 1.1 | 8 |
| 17 | Using a Tank Model to Determine Hydro-Meteorological Thresholds for Large-Scale Landslides in Taiwan. Water (Switzerland), 2020, 12, 253. | 1.2 | 6 |
| 18 | Modeling of earthquake-induced landslide distributions based on the active fault parameters. Engineering Geology, 2022, 303, 106640. | 2.9 | 6 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Impact of an Extreme Typhoon Event on Subsequent Sediment Discharges and Rainfall-Driven Landslides in Affected Mountainous Regions of Taiwan. Geofluids, 2018, 2018, 1-11. | 0.3 | 5 |
| 20 | Riverbed Migrations in Western Taiwan under Climate Change. Water (Switzerland), 2018, 10, 1631. | 1.2 | 5 |
| 21 | Impact assessment of reservoir desiltation measures for downstream riverbed migration in climate change: A case study in northern Taiwan. Journal of Hydro-Environment Research, 2021, 37, 67-81. | 1.0 | 4 |
| 22 | Estimation of the antecedent rainfall period for mass movements in Taiwan. Environmental Earth Sciences, 2018, 77, 1. | 1.3 | 3 |
| 23 | Preliminary establishment of a mass movement warning system for Taiwan using the soil water index. Landslides, 2022, 19, 1779-1789. | 2.7 | 3 |