

Fawu Wang

List of Publications by Year in descending order

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90
papers

2,450
citations

304368

22
h-index

214527

47
g-index

103
all docs

103
docs citations

103
times ranked

1733
citing authors

#	ARTICLE	IF	CITATIONS
1	Landslide hazards triggered by the 2008 Wenchuan earthquake, Sichuan, China. <i>Landslides</i> , 2009, 6, 139-152.	2.7	661
2	Preliminary investigation of some large landslides triggered by the 2008 Wenchuan earthquake, Sichuan Province, China. <i>Landslides</i> , 2009, 6, 47-54.	2.7	134
3	Movement of the Shuping landslide in the first four years after the initial impoundment of the Three Gorges Dam Reservoir, China. <i>Landslides</i> , 2008, 5, 321-329.	2.7	108
4	Mechanism for the rapid motion of the Qianjiangping landslide during reactivation by the first impoundment of the Three Gorges Dam reservoir, China. <i>Landslides</i> , 2008, 5, 379-386.	2.7	106
5	Landslide risk evaluation and hazard zoning for rapid and long-travel landslides in urban development areas. <i>Landslides</i> , 2004, 1, 221-235.	2.7	100
6	Landslide deformation behavior influenced by water level fluctuations of the Three Gorges Reservoir (China). <i>Engineering Geology</i> , 2018, 247, 58-68.	2.9	98
7	Dynamic properties of earthquake-induced large-scale rapid landslides within past landslide masses. <i>Landslides</i> , 2005, 2, 125-134.	2.7	86
8	Mechanism and failure process of Qianjiangping landslide in the Three Gorges Reservoir, China. <i>Environmental Earth Sciences</i> , 2014, 72, 2999-3013.	1.3	82
9	Characteristics of landslides triggered by the 2018 Hokkaido Eastern Iburi earthquake, Northern Japan. <i>Landslides</i> , 2019, 16, 1691-1708.	2.7	71
10	The influence of grading on the shear strength of loose sands in stress-controlled ring shear tests. <i>Landslides</i> , 2007, 4, 43-51.	2.7	54
11	Preliminary investigation of the 20 August 2014 debris flows triggered by a severe rainstorm in Hiroshima City, Japan. <i>Geoenvironmental Disasters</i> , 2015, 2, .	1.8	54
12	Landslide simulation by a geotechnical model combined with a model for apparent friction change. <i>Physics and Chemistry of the Earth</i> , 2010, 35, 149-161.	1.2	49
13	Experimental study to identify premonitory factors of landslide dam failures. <i>Engineering Geology</i> , 2018, 232, 123-134.	2.9	44
14	Assessing the internal structure of landslide dams subject to possible piping erosion by means of microtremor chain array and self-potential surveys. <i>Engineering Geology</i> , 2018, 234, 11-26.	2.9	34
15	An extreme rainfall-induced landslide susceptibility assessment using autoencoder combined with random forest in Shimane Prefecture, Japan. <i>Geoenvironmental Disasters</i> , 2020, 7, .	1.8	33
16	Hydromechanical constraints on piping failure of landslide dams: an experimental investigation. <i>Geoenvironmental Disasters</i> , 2016, 3, .	1.8	31
17	Critical hydraulic gradients for seepage-induced failure of landslide dams. <i>Geoenvironmental Disasters</i> , 2016, 3, .	1.8	30
18	Experimental study on impact behavior of submarine landslides on undersea communication cables. <i>Ocean Engineering</i> , 2018, 148, 530-537.	1.9	29

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19	Earthquake-induced rapid long-traveling flow phenomenon: May 2003 Tsukidate landslide in Japan. <i>Landslides</i> , 2004, 1, 151.	2.7	28
20	Application of large-scale ring shear tests to the analysis of tsunamigenic landslides at the Stromboli volcano, Italy. <i>Landslides</i> , 2009, 6, 231-240.	2.7	28
21	Key factors influencing the mechanism of rapid and long runout landslides triggered by the 2008 Wenchuan earthquake, China. <i>Geoenvironmental Disasters</i> , 2014, 1, .	1.8	25
22	Relationship Between Grain Crushing and Excess Pore Pressure Generation by Sandy Soils in Ring-Shear Tests.. <i>Journal of Natural Disaster Science</i> , 2000, 22, 87-96.	0.4	25
23	Displacement Monitoring and Physical Exploration on the Shuping Landslide Reactivated by Impoundment of the Three Gorges Reservoir, China. , 2005, , 313-319.		23
24	Controlling role of Ta-d pumice on the coseismic landslides triggered by 2018 Hokkaido Eastern Iburi Earthquake. <i>Landslides</i> , 2020, 17, 1233-1250.	2.7	23
25	Influence of soil permeability on rainfall-induced flowslides in laboratory flume tests. <i>Canadian Geotechnical Journal</i> , 2007, 44, 1128-1136.	1.4	22
26	Establishing a monitoring network for an impoundment-induced landslide in Three Gorges Reservoir Area, China. <i>Landslides</i> , 2009, 6, 27-37.	2.7	22
27	Landslides Induced by a Combined Effect of Earthquake and Rainfall. , 2007, , 193-207.		22
28	SPH-based numerical modeling for the post-failure behavior of the landslides triggered by the 2016 Kumamoto earthquake. <i>Geoenvironmental Disasters</i> , 2016, 3, .	1.8	21
29	Geological characteristics of landslides triggered by the 2016 Kumamoto earthquake in Mt. Aso volcano, Japan. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 167-176.	1.6	21
30	A giant historical landslide on the eastern margin of the Tibetan Plateau. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 2055-2068.	1.6	21
31	Probabilistic modeling of seismically triggered landslides using Monte Carlo simulations. <i>Landslides</i> , 2008, 5, 387-395.	2.7	20
32	The laboratory evidence of phase transformation from landslide to debris flow. <i>Geosciences Journal</i> , 2014, 18, 31-44.	0.6	19
33	Investigation of shallow landslides triggered by heavy rainfall during typhoon Wipha (2013), Izu Oshima Island, Japan. <i>Geoenvironmental Disasters</i> , 2015, 2, .	1.8	18
34	Three-dimensional seismic slope stability assessment with the application of Scoops3D and GIS: a case study in Atsuma, Hokkaido. <i>Geoenvironmental Disasters</i> , 2019, 6, .	1.8	18
35	A predictive model for the geometry of landslide dams in V-shaped valleys. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 4595-4608.	1.6	18
36	Effects of topographic and geological features on building damage caused by 2015.4.25 Mw7.8 Gorkha earthquake in Nepal: a preliminary investigation report. <i>Geoenvironmental Disasters</i> , 2016, 3, .	1.8	17

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37	Investigation of rainfall-induced shallow landslides on the northeastern rim of Aso caldera, Japan, in July 2012. <i>Geoenvironmental Disasters</i> , 2015, 2, .	1.8	16
38	Experimental study on the motion behavior and mechanism of submarine landslides. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1117-1126.	1.6	16
39	Deformation characteristics and influential factors for the giant Jinnosuke-dani landslide in the Haku-san Mountain area, Japan. <i>Landslides</i> , 2007, 4, 19-31.	2.7	15
40	High-speed ring shear tests to study the motion and acceleration processes of the Yingong landslide. <i>Journal of Mountain Science</i> , 2015, 12, 1534-1541.	0.8	15
41	The performance of using an autoencoder for prediction and susceptibility assessment of landslides: A case study on landslides triggered by the 2018 Hokkaido Eastern Iburi earthquake in Japan. <i>Geoenvironmental Disasters</i> , 2019, 6, .	1.8	14
42	Numerical Investigation on the Kinetic Characteristics of the Yigong Debris Flow in Tibet, China. <i>Water (Switzerland)</i> , 2021, 13, 1076.	1.2	11
43	Stochastic analysis of rainfall effect on earthquake induced shallow landslide of Tandikat, West Sumatra, Indonesia. <i>Geoenvironmental Disasters</i> , 2014, 1, .	1.8	9
44	Successful disaster management of the July 2020 Shaziba landslide triggered by heavy rainfall in Mazhe Village, Enshi City, Hubei Province, China. <i>Landslides</i> , 2021, 18, 3503-3507.	2.7	9
45	The relationship among the premonitory factors of landslide dam failure caused by seepage: an experimental study. <i>Geoenvironmental Disasters</i> , 2019, 6, .	1.8	8
46	Hydrated halloysite: the pesky stuff responsible for a cascade of landslides triggered by the 2018 Iburi earthquake, Japan. <i>Landslides</i> , 2021, 18, 2869-2880.	2.7	7
47	Dynamic Analysis of Earthquake Amplification Effect of Slopes in Different Topographic and Geological Conditions by Using ABAQUS. <i>Environmental Science and Engineering</i> , 2013, , 469-490.	0.1	6
48	Numerical Simulation of Failure Process of the Qianjiangping Landslide Triggered by Water Level Rise and Rainfall in the Three Gorges Reservoir, China. <i>Environmental Science and Engineering</i> , 2013, , 503-523.	0.1	6
49	Failure mechanism of a flow-like landslide triggered by the 2018 Western Shimane Earthquake. <i>Landslides</i> , 2020, 17, 2359-2371.	2.7	6
50	Mechanism of Landslide Causing the December 2002 Tsunami at Stromboli Volcano (Italy). , 2005, , 173-180.		6
51	First insight into the catastrophic Atami debris flow induced by a rain gush on 3 July 2021 in Shizuoka, Japan. <i>Landslides</i> , 2022, 19, 527-532.	2.7	6
52	Sliding mechanism of the 2004 Mid-Niigata Prefecture Earthquake-triggered-rapid landslides occurred within the past landslide masses. <i>Journal of the Japan Landslide Society</i> , 2007, 44, 71-78.	0.1	5
53	Guocun landslide in a slate slope with dip structure on 27 March 2021 in Tonglu County, Zhejiang Province, China. <i>Landslides</i> , 0, , 1.	2.7	5
54	The Wuxie debris flows triggered by a record-breaking rainstorm on 10 June 2021 in Zhuji City, Zhejiang Province, China. <i>Landslides</i> , 2022, 19, 1913-1934.	2.7	5

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55	Deposit morphology of Luanshibao Landslide in Tibetan Plateau. Quarterly Journal of Engineering Geology and Hydrogeology, 2018, 51, 13-16.	0.8	4
56	Report on the UNESCO Chair workshop on geoenvironmental disaster reduction 28th April - 1st may, 2019, Palu - Jakarta, Indonesia. Geoenvironmental Disasters, 2019, 6, .	1.8	4
57	The fault-controlled Chengtian landslide triggered by rainfall on 20 May 2021 in Songyang County, Zhejiang Province, China. Landslides, 0, , 1.	2.7	4
58	Initiation and Traveling Mechanisms of the May 2004 Landslideâ€”Debris Flow at Bettou-Dani of the Jinnosuke-Dani Landslide, Haku-San Mountain, Japan. Soils and Foundations, 2007, 47, 141-152.	1.3	3
59	A first look at a landslide triggered by the 2016 Kumamoto earthquake near the Aso Volcanological Laboratory. Quarterly Journal of Engineering Geology and Hydrogeology, 2017, 50, 111-116.	0.8	3
60	Report of the 14th International Symposium on Geo-Disaster Reduction on 10â€”13 October 2016 in Chengdu, China. Geoenvironmental Disasters, 2017, 4, .	1.8	3
61	Invited and accepted speakers of the Fifth World Landslide Forum in Kyoto, 2020. Landslides, 2019, 16, 431-446.	2.7	3
62	Catastrophic landslides and frontiers of landslide science. Landslides, 2021, 18, 3733-3735.	2.7	3
63	Aerial Prediction of Earthquake and Rain Induced Rapid and Long-Travelling Flow Phenomena (APERITIF) (M101). , 2005, , 99-108.		3
64	Landsliding Caused by Water Level Variation in China Three Gorges Reservoir. , 2013, , 19-26.		3
65	Relationship between seepage water volume and total suspended solids of landslide dam failure caused by seepage: an experimental investigation. Geoenvironmental Disasters, 2020, 7, .	1.8	3
66	Influence of Water Level Drawdown on Landslide Movement in Reservoir. , 2014, , 703-708.		2
67	Undrained Stress-controlled Dynamic-loading Ring-shear Test to Simulate Initiation and Post-failure Motion of Landslides. , 2007, , 81-98.		2
68	Authors, geographies and the content of papers published in Geoenvironmental Disasters (2014â€”2018). Geoenvironmental Disasters, 2019, 6, .	1.8	2
69	Tandikek and Malalak rapid and long runout landslides triggered by West Sumatra earthquake 2009 (M7. 6) in Indonesia. Journal of the Japan Landslide Society, 2011, 48, 215-220.	0.1	2
70	Slope Deformation Caused by Water-level Variation in the Three Gorges Reservoir, China. , 2013, , 227-237.		2
71	Laboratory Experiments on Landslide Dam Failure Due to Piping: An Evaluation of 2011 Typhoon-Induced Landslide and Landslide Dam in Western Japan. Environmental Science and Engineering, 2013, , 525-545.	0.1	1
72	Reducing geo-disasters for improving the relationships between geoenvironment and society. Geoenvironmental Disasters, 2014, 1, .	1.8	1

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73	Preface to Special Issue on "Advances in engineering geology for landslides and slope stability problems: Part II" Engineering Geology, 2015, 186, 1-2.	2.9	1
74	Reply to: Discussion on "Landslides impact reduction effect by using honeycomb-hole submarine pipeline" by X. Guo, T. Nian, F. Wang, L. Zheng [Ocean Engineering 187 (2019) 106155]. Ocean Engineering, 2021, 219, 108281.	1.9	1
75	Extreme Rainfall Induced Landslide Susceptibility Assessment Using Autoencoder Combined with Random Forest. ICL Contribution To Landslide Disaster Risk Reduction, 2021, , 323-329.	0.3	1
76	Experimental Study with Ring Shear Apparatus on the May 2004 Landslide-Debris Flow at Bettou-dani Valley, Haku-san Mountain, Japan. , 2007, , 151-166.		1
77	Initiation and Motion Mechanism of the Donghekou Rapid and Long Runout Landslide Triggered by the 2008 Wenchuan Earthquake, China. , 2013, , 473-483.		1
78	Detecting Premonitory Phenomena of Landslide Dam Failure by Piping. , 2015, , 1171-1175.		1
79	Acknowledgements to Referees in 2014. Geoenvironmental Disasters, 2015, 2, .	1.8	0
80	Acknowledgements to referees in 2016. Geoenvironmental Disasters, 2017, 4, .	1.8	0
81	Report on the 15th international symposium on geo-disaster reduction, 25-30 august 2017, Oki Islands - Matsue - Kyoto, Japan. Geoenvironmental Disasters, 2017, 4, .	1.8	0
82	Report on the 16th International Symposium on Geo-disaster Reduction, 27-31th August 2018, Strasburg, France. Geoenvironmental Disasters, 2018, 5, .	1.8	0
83	Report on the UNESCO Chair 2019 field school on Geoenvironmental Disaster Reduction in Shimane University, Japan. Geoenvironmental Disasters, 2019, 6, .	1.8	0
84	Report on the 18th International Symposium on Geo-disaster Reduction and the 4th Gu Dezhen Lecture, 20-22 November 2020, Beijing, China. Geoenvironmental Disasters, 2021, 8, 12.	1.8	0
85	Report on the 19th international symposium on geo-disaster reduction/high-level academic forum on disaster mitigation and integrated risk defense on the Plateau, 12-15 July 2021, Xining, China. Geoenvironmental Disasters, 2021, 8, 26.	1.8	0
86	Sliding mechanism and motion prediction of flowslides in crushable soils.. Journal of the Japan Landslide Society, 2004, 40, 377-388.	0.1	0
87	Title is missing!. Journal of the Japan Landslide Society, 2004, 41, 57-64.	0.1	0
88	Mechanism for the Rapid Motion of the Reactivated Qianjiangping Landslide in Three Gorges Dam Reservoir, China. Environmental Science and Engineering, 2009, , 209-230.	0.1	0
89	Investigation and Mechanism Clarification of the 2011.1.5 Atom-en Landslide in Kashima Area, Matsue City. Environmental Science and Engineering, 2014, , 53-70.	0.1	0
90	Introduction: Earthquake-Induced Landslides. , 2014, , 137-140.		0