Kai Liu

List of Publications by Year
in descending order

22 papers	556 citations	840776 11 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	404 citing authors

#	Article	IF	Citations
1	Forest Fire Susceptibility Modeling Using a Convolutional Neural Network for Yunnan Province of China. International Journal of Disaster Risk Science, 2019, 10, 386-403.	2.9	170
2	A decadal evolution of landslides and debris flows after the Wenchuan earthquake. Geomorphology, 2018, 323, 1-12.	2.6	69
3	Wildfire Susceptibility Assessment in Southern China: A Comparison of Multiple Methods. International Journal of Disaster Risk Science, 2017, 8, 164-181.	2.9	47
4	Shaking table tests on seismic retrofitting of rammed-earth structures. Bulletin of Earthquake Engineering, 2017, 15, 1037-1055.	4.1	37
5	Landslide and Wildfire Susceptibility Assessment in Southeast Asia Using Ensemble Machine Learning Methods. Remote Sensing, 2021, 13, 1572.	4.0	37
6	Downscaling Groundwater Storage Data in China to a 1-km Resolution Using Machine Learning Methods. Remote Sensing, 2021, 13, 523.	4.0	36
7	Seasonal and Interannual Variations in Chinaâ€™s Groundwater Based on GRACE Data and Multisource Hydrological Models. Remote Sensing, 2020, 12, 845.	4.0	23
8	A Comprehensive Risk Analysis of Transportation Networks Affected by Rainfallâ€Induced Multihazards. Risk Analysis, 2018, 38, 1618-1633.	2.7	20
9	Topographic changes and their driving factors after 2008 Wenchuan earthquake. Geomorphology, 2018, 311, 27-36.	2.6	19
10	Modeling sediment movement and channel response to rainfall variability after a major earthquake. Geomorphology, 2018, 320, 18-32.	2.6	17
11	Three-dimensional slope stability analysis using laser scanning and numerical simulation. Geomatics, Natural Hazards and Risk, 2017, 8, 997-1011.	4.3	15
12	Exposure analysis of Chinese railways to multihazards based on datasets from 2000 to 2016. Geomatics, Natural Hazards and Risk, 2020, 11, 272-287.	4.3	11
13	Seismic Risk Assessment of the Railway Network of Chinaâ€™s Mainland. International Journal of Disaster Risk Science, 2020, 11, 452-465.	2.9	10
14	Landscape evolution of the Wenchuan earthquake-stricken area in response to future climate change. Journal of Hydrology, 2020, 590, 125244.	5.4	10
15	A River Flood and Earthquake Risk Assessment of Railway Assets along the Belt and Road. International Journal of Disaster Risk Science, 2021, 12, 553-567.	2.9	10
16	Using Climate Factors to Estimate Flood Economic Loss Risk. International Journal of Disaster Risk Science, 2021, 12, 731-744.	2.9	9
17	A township-level exposure model of residential buildings for mainland China. Natural Hazards, 2021, 108, 389-423.	3.4	6
18	The Study on Compound Drought and Heatwave Events in China Using Complex Networks. Sustainability, 2021, 13, 12774.	3.2	5

#	Article	IF	Citations
19	Dynamic prediction of global monthly burned area with hybrid deep neural networks. Ecological Applications, 2022, 32, e2610.	3.8	3
20	Experimental study of the Seismic Performance of Different Earth Walls and Their Seismic Retrofitting with Externally Bonded Fibers. Journal of Earthquake Engineering, 2021, 25, 2432-2454.	2.5	1
21	The study of temperature regionalization in China using complex networks. International Journal of Climatology, 0, , .	3.5	1
22	Word Learning by a Extended BAM Network. , 2009, , .		0