

Kai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Dynamic prediction of global monthly burned area with hybrid deep neural networks. <i>Ecological Applications</i> , 2022, 32, e2610.	3.8	3
2	Experimental study of the Seismic Performance of Different Earth Walls and Their Seismic Retrofitting with Externally Bonded Fibers. <i>Journal of Earthquake Engineering</i> , 2021, 25, 2432-2454.	2.5	1
3	Downscaling Groundwater Storage Data in China to a 1-km Resolution Using Machine Learning Methods. <i>Remote Sensing</i> , 2021, 13, 523.	4.0	36
4	A township-level exposure model of residential buildings for mainland China. <i>Natural Hazards</i> , 2021, 108, 389-423.	3.4	6
5	Landslide and Wildfire Susceptibility Assessment in Southeast Asia Using Ensemble Machine Learning Methods. <i>Remote Sensing</i> , 2021, 13, 1572.	4.0	37
6	A River Flood and Earthquake Risk Assessment of Railway Assets along the Belt and Road. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 553-567.	2.9	10
7	Using Climate Factors to Estimate Flood Economic Loss Risk. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 731-744.	2.9	9
8	The Study on Compound Drought and Heatwave Events in China Using Complex Networks. <i>Sustainability</i> , 2021, 13, 12774.	3.2	5
9	Seismic Risk Assessment of the Railway Network of China's Mainland. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 452-465.	2.9	10
10	Seasonal and Interannual Variations in China's Groundwater Based on GRACE Data and Multisource Hydrological Models. <i>Remote Sensing</i> , 2020, 12, 845.	4.0	23
11	Landscape evolution of the Wenchuan earthquake-stricken area in response to future climate change. <i>Journal of Hydrology</i> , 2020, 590, 125244.	5.4	10
12	Exposure analysis of Chinese railways to multihazards based on datasets from 2000 to 2016. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 272-287.	4.3	11
13	Forest Fire Susceptibility Modeling Using a Convolutional Neural Network for Yunnan Province of China. <i>International Journal of Disaster Risk Science</i> , 2019, 10, 386-403.	2.9	170
14	A Comprehensive Risk Analysis of Transportation Networks Affected by Rainfall-Induced Multihazards. <i>Risk Analysis</i> , 2018, 38, 1618-1633.	2.7	20
15	Topographic changes and their driving factors after 2008 Wenchuan earthquake. <i>Geomorphology</i> , 2018, 311, 27-36.	2.6	19
16	A decadal evolution of landslides and debris flows after the Wenchuan earthquake. <i>Geomorphology</i> , 2018, 323, 1-12.	2.6	69
17	Modeling sediment movement and channel response to rainfall variability after a major earthquake. <i>Geomorphology</i> , 2018, 320, 18-32.	2.6	17
18	Three-dimensional slope stability analysis using laser scanning and numerical simulation. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 997-1011.	4.3	15

#	ARTICLE	IF	CITATIONS
19	Wildfire Susceptibility Assessment in Southern China: A Comparison of Multiple Methods. International Journal of Disaster Risk Science, 2017, 8, 164-181.	2.9	47
20	Shaking table tests on seismic retrofitting of rammed-earth structures. Bulletin of Earthquake Engineering, 2017, 15, 1037-1055.	4.1	37
21	Word Learning by a Extended BAM Network. , 2009, , .		0
22	The study of temperature regionalization in China using complex networks. International Journal of Climatology, 0, , .	3.5	1