

Hongming He

List of Publications by Year in descending order

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23
papers

420
citations

687363

13
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all docs

23
docs citations

23
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of SPEI Meteorological Drought Using Machine Learning Algorithms. <i>IEEE Access</i> , 2021, 9, 65503-65523.	4.2	76
2	Modelling the response of surface water quality to the urbanization in Xi'an, China. <i>Journal of Environmental Management</i> , 2008, 86, 731-749.	7.8	51
3	Evapotranspiration as a response to climate variability and ecosystem changes in southwest, China. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	28
4	Vegetation Restoration and Its Environmental Effects on the Loess Plateau. <i>Sustainability</i> , 2018, 10, 4676.	3.2	27
5	Spatial and temporal characteristics of soil conservation service in the area of the upper and middle of the Yellow River, China. <i>Heliyon</i> , 2019, 5, e02985.	3.2	24
6	Flood frequency and routing processes at a confluence of the middle Yellow River in China. <i>River Research and Applications</i> , 2007, 23, 407-427.	1.7	21
7	Modelling complex flood flow evolution in the middle Yellow River basin, China. <i>Journal of Hydrology</i> , 2008, 353, 76-92.	5.4	20
8	Confluent flow impacts of flood extremes in the middle Yellow River. <i>Quaternary International</i> , 2015, 380-381, 382-390.	1.5	17
9	The decomposition and ecological risk of DDTs and HCHs in the soil-water system of the Meijiang River. <i>Environmental Research</i> , 2020, 180, 108897.	7.5	17
10	Risks to water resources and development of a management strategy in the river basins of the Hengduan Mountains, Southwest China. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 656-678.	2.4	17
11	Impacts of topography on sediment discharge in Loess Plateau, China. <i>Quaternary International</i> , 2017, 440, 119-129.	1.5	16
12	Assessment of the effects of spatiotemporal characteristics of drought on crop yields in southwest China. <i>International Journal of Climatology</i> , 2022, 42, 3056-3075.	3.5	16
13	The Effects of Climate and Anthropogenic Activity on Hydrologic Features in Yanhe River. <i>Advances in Meteorology</i> , 2016, 2016, 1-11.	1.6	15
14	Contribution of soil erosion to the evolution of the plateau-plain-delta system in the Yellow River basin over the past 10,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111133.	2.3	15
15	Estimation of the rice water footprint based on machine learning algorithms. <i>Computers and Electronics in Agriculture</i> , 2021, 191, 106501.	7.7	12
16	The Impact of Climate Change and Human Activity on Spatiotemporal Patterns of Multiple Cropping Index in South West China. <i>Sustainability</i> , 2019, 11, 5308.	3.2	11
17	Calcium Nodules as a Proxy for Quaternary Paleoclimate Change on China's Loess Plateau. <i>PLoS ONE</i> , 2015, 10, e0143928.	2.5	10
18	Ecosystem water use efficiency response to drought over southwest China. <i>Ecohydrology</i> , 2022, 15, e2317.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Analysis of relationship between soil erosion and lake deposition during the Holocene in Xingyun Lake, southwestern China. Holocene, 0, , 095968362110190.	1.7	6
20	Simulation of social resilience affected by extreme events in ancient China. Climatic Change, 2021, 166, 1.	3.6	4
21	Winter Potato Water Footprint Response to Climate Change in Egypt. Atmosphere, 2022, 13, 1052.	2.3	3
22	Modeling the Interaction of Urbanization and Surface Water Quality Environment. Environmental Forensics, 2008, 9, 215-225.	2.6	2
23	Quantifying the Impact Factors of Different Forms of Potassium and Absorptions by Different Cotton Genotypes. Communications in Soil Science and Plant Analysis, 2015, 46, 2460-2474.	1.4	2