

Han Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

400
citations

933447

10
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of sustainable utilization of water resources based on the improved water resources ecological footprint model: A case study of Hubei Province, China. <i>Journal of Environmental Management</i> , 2020, 262, 110331.	7.8	106
2	Local and telecoupling coordination degree model of urbanization and the eco-environment based on RS and GIS: A case study in the Wuhan urban agglomeration. <i>Sustainable Cities and Society</i> , 2021, 75, 103405.	10.4	42
3	An Approach to Tracking Meteorological Drought Migration. <i>Water Resources Research</i> , 2019, 55, 3266-3284.	4.2	40
4	Spatio-temporal pattern of meteorological droughts and its possible linkage with climate variability. <i>International Journal of Climatology</i> , 2018, 38, 2082-2096.	3.5	28
5	SPI Based Meteorological Drought Assessment over a Humid Basin: Effects of Processing Schemes. <i>Water (Switzerland)</i> , 2016, 8, 373.	2.7	25
6	Propagation of soil moisture droughts in a hotspot region: Spatial pattern and temporal trajectory. <i>Journal of Hydrology</i> , 2021, 593, 125906.	5.4	25
7	MODIS detection of vegetation changes and investigation of causal factors in Poyang Lake basin, China for 2001-2015. <i>Ecological Indicators</i> , 2018, 91, 511-522.	6.3	22
8	An Integrated Variational Mode Decomposition and ARIMA Model to Forecast Air Temperature. <i>Sustainability</i> , 2019, 11, 4018.	3.2	21
9	Analysis of the Spatial Characteristics of the Water Usage Patterns Based on ESDA-GIS: An Example of Hubei Province, China. <i>Water Resources Management</i> , 2017, 31, 1503-1516.	3.9	16
10	Identifying spatial extent of meteorological droughts: An examination over a humid region. <i>Journal of Hydrology</i> , 2020, 591, 125505.	5.4	13
11	Precipitation downscaling using a probability-matching approach and geostationary infrared data: an evaluation over six climate regions. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3685-3699.	4.9	9
12	Meteorological Drought Migration in the Poyang Lake Basin, China: Switching among Different Climate Modes. <i>Journal of Hydrometeorology</i> , 2020, 21, 415-431.	1.9	9
13	Estimating the Gross Primary Production and Evapotranspiration of Rice Paddy Fields in the Sub-Tropical Region of China Using a Remotely-Sensed Based Water-Carbon Coupled Model. <i>Remote Sensing</i> , 2021, 13, 3470.	4.0	8
14	Prediction of Water Consumption in Hospitals Based on a Modified Grey GM (0, $1 \times \sin$) Model of Oscillation Sequence: The Example of Wuhan City. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-7.	0.9	7
15	Spatial correlation length of summer extreme heat stress over eastern China. <i>International Journal of Climatology</i> , 2021, 41, 3121-3138.	3.5	6
16	Scenario simulation of water resources development and utilization based on a system dynamics model. <i>International Journal of Water Resources Development</i> , 2022, 38, 447-463.	2.0	6
17	Spatial Characteristics of Coronavirus Disease 2019 and Their Possible Relationship With Environmental and Meteorological Factors in Hubei Province, China. <i>GeoHealth</i> , 2021, 5, e2020GH000358.	4.0	5
18	A method of delineating ecological red lines based on gray relational analysis and the minimum cumulative resistance model: a case study of Shawan District, China. <i>Environmental Research Communications</i> , 2022, 4, 045009.	2.3	5

#	ARTICLE	IF	CITATIONS
19	An examination of a partial least squares-based dynamic water quota model for urban industries: a case study of the Wuhan City hospital industry. <i>Urban Water Journal</i> , 2016, 13, 156-166.	2.1	3
20	The spatiotemporal evolution of urbanization of the countries along the Belt and Road Initiative using the compounded night light index. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
21	A comprehensive evaluation method for topographic correction model of remote sensing image based on entropy weight method. <i>Open Geosciences</i> , 2022, 14, 354-366.	1.7	2