

Gengxi Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

314
citations

758635

12
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the impacts of human activities on propagation from meteorological drought to hydrological drought in the Weihe River Basin, China. <i>Science of the Total Environment</i> , 2022, 819, 153030.	3.9	58
2	Suitable oasis and cultivated land scales in arid regions based on ecological health. <i>Ecological Indicators</i> , 2019, 102, 33-42.	2.6	33
3	Drought monitoring and evaluation using ESA CCI and GLDAS-Noah soil moisture datasets across China. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1407-1418.	1.3	33
4	Development of a new integrated hydrological drought index (SRGI) and its application in the Heihe River Basin, China. <i>Theoretical and Applied Climatology</i> , 2020, 141, 43-59.	1.3	24
5	Spatio-temporal pattern of ecological droughts and their impacts on health of vegetation in Northwestern China. <i>Journal of Environmental Management</i> , 2022, 305, 114356.	3.8	23
6	A novel index for ecological drought monitoring based on ecological water deficit. <i>Ecological Indicators</i> , 2021, 129, 107804.	2.6	20
7	Remote-sensing precipitation and temperature evaluation using soil and water assessment tool with multiobjective calibration in the Shiyang River Basin, Northwest China. <i>Journal of Hydrology</i> , 2020, 590, 125416.	2.3	19
8	Spatial interpolation of daily precipitation based on modified ADW method for gauge-scarce mountainous regions: A case study in the Shiyang River Basin. <i>Atmospheric Research</i> , 2021, 247, 105167.	1.8	17
9	Twenty-first century drought analysis across China under climate change. <i>Climate Dynamics</i> , 2022, 59, 1665-1685.	1.7	17
10	Modelling groundwater-dependent vegetation index using Entropy theory. <i>Ecological Modelling</i> , 2020, 416, 108916.	1.2	16
11	Dynamic evolution and frequency analysis of hydrological drought from a three-dimensional perspective. <i>Journal of Hydrology</i> , 2021, 600, 126675.	2.3	15
12	Appraising standardized moisture anomaly index (SZI) in drought projection across China under CMIP6 forcing scenarios. <i>Journal of Hydrology: Regional Studies</i> , 2021, 37, 100898.	1.0	14
13	Modeling NDVI Using Joint Entropy Method Considering Hydro-Meteorological Driving Factors in the Middle Reaches of Hei River Basin. <i>Entropy</i> , 2017, 19, 502.	1.1	10
14	Statistical prediction of agricultural drought severity in China based on dry or hot events. <i>Theoretical and Applied Climatology</i> , 2022, 147, 159-171.	1.3	5
15	Comparison of Two Entropy Spectral Analysis Methods for Streamflow Forecasting in Northwest China. <i>Entropy</i> , 2017, 19, 597.	1.1	4
16	Application of Entropy Spectral Method for Streamflow Forecasting in Northwest China. <i>Entropy</i> , 2019, 21, 132.	1.1	3
17	Comprehensive Evaluation on Soil Properties and <i>Artemisia ordosica</i> Growth under Combined Application of Fly Ash and Polyacrylamide in North China. <i>Entropy</i> , 2020, 22, 148.	1.1	2