

Zengxin Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

1,462
citations

19
h-index

38
g-index

45
ext. papers

1,694
ext. citations

3.5
avg. IF

4.49
L-index

#	Paper	IF	Citations
43	Will the arid and semi-arid regions of Northwest China become warmer and wetter based on CMIP6 models?. <i>Hydrology Research</i> , 2022 , 53, 29-50		1
42	Changes in water use efficiency and their relations to climate change and human activities in three forestry regions of China. <i>Theoretical and Applied Climatology</i> , 2021 , 144, 1297-1310	3	0
41	MaxEnt Modeling Based on CMIP6 Models to Project Potential Suitable Zones for <i>Cunninghamia lanceolata</i> in China. <i>Forests</i> , 2021 , 12, 752	2.8	6
40	Non-stationary frequency analysis of extreme streamflow disturbance in a typical ecological function reserve of China under a changing climate. <i>Ecohydrology</i> , 2021 , 14, e2323	2.5	3
39	Projections of precipitation over China based on CMIP6 models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021 , 35, 831-848	3.5	8
38	Population and Economic Projections in the Yangtze River Basin Based on Shared Socioeconomic Pathways. <i>Sustainability</i> , 2020 , 12, 4202	3.6	5
37	Encounter Probability and Risk of Flood and Drought under Future Climate Change in the Two Tributaries of the Rao River Basin, China. <i>Water (Switzerland)</i> , 2020 , 12, 104	3	3
36	Increasing carbon storage in subtropical forests over the Yangtze River basin and its relations to the major ecological projects. <i>Science of the Total Environment</i> , 2020 , 709, 136163	10.2	14
35	Hydrologic Evaluation of Integrated Multi-Satellite Retrievals for GPM over Nanliu River Basin in Tropical Humid Southern China. <i>Water (Switzerland)</i> , 2019 , 11, 932	3	3
34	Influence of Three Gorges Dam on Downstream Low Flow. <i>Water (Switzerland)</i> , 2019 , 11, 65	3	16
33	Evaluation of the GPM IMERG v5 and TRMM 3B42 v7 Precipitation Products in the Yangtze River Basin, China. <i>Water (Switzerland)</i> , 2019 , 11, 1459	3	22
32	Changes in Forest Net Primary Productivity in the Yangtze River Basin and Its Relationship with Climate Change and Human Activities. <i>Remote Sensing</i> , 2019 , 11, 1451	5	11
31	The response of lake area and vegetation cover variations to climate change over the Qinghai-Tibetan Plateau during the past 30years. <i>Science of the Total Environment</i> , 2018 , 635, 443-451	10.2	71
30	Changes of Grassland Rain Use Efficiency and NDVI in Northwestern China from 1982 to 2013 and Its Response to Climate Change. <i>Water (Switzerland)</i> , 2018 , 10, 1689	3	8
29	Composition and Biomass of Aquatic Vegetation in the Poyang Lake, China. <i>Scientifica</i> , 2017 , 2017, 8742480	4.8	9
28	Evaluating the TRMM Multisatellite Precipitation Analysis for Extreme Precipitation and Streamflow in Ganjiang River Basin, China. <i>Advances in Meteorology</i> , 2017 , 2017, 1-11	1.7	19
27	Analysis of Poyang Lake water balance and its indication of river-lake interaction. <i>SpringerPlus</i> , 2016 , 5, 1555		12

26	On the Linkage between the Extreme Drought and Pluvial Patterns in China and the Large-Scale Atmospheric Circulation. <i>Advances in Meteorology</i> , 2016 , 2016, 1-12	1.7	5
25	Evaluation of TRMM Multisatellite Precipitation Analysis in the Yangtze River Basin with a Typical Monsoon Climate. <i>Advances in Meteorology</i> , 2016 , 2016, 1-13	1.7	12
24	Examining the influence of river-lake interaction on the drought and water resources in the Poyang Lake basin. <i>Journal of Hydrology</i> , 2015 , 522, 510-521	6	113
23	Evaluation of Version-7 TRMM Multi-Satellite Precipitation Analysis Product during the Beijing Extreme Heavy Rainfall Event of 21 July 2012. <i>Water (Switzerland)</i> , 2014 , 6, 32-44	3	68
22	Validation of a new meteorological forcing data in analysis of spatial and temporal variability of precipitation in India. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 239-252	3.5	22
21	Spatial and temporal variations in rainfall erosivity during 1960-2005 in the Yangtze River basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 337-351	3.5	49
20	Climatological Drought Analyses and Projection Using SPI and PDSI: Case Study of the Arkansas Red River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013 , 18, 809-816	1.8	15
19	Similarity and difference of the two successive V6 and V7 TRMM multisatellite precipitation analysis performance over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 13,060-13,074	4.4	147
18	Spatial and temporal variation of precipitation in Sudan and their possible causes during 1948-2005. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 429-441	3.5	25
17	Simulation of extreme precipitation indices in the Yangtze River basin by using statistical downscaling method (SDSM). <i>Theoretical and Applied Climatology</i> , 2012 , 108, 325-343	3	39
16	Estimation of future precipitation change in the Yangtze River basin by using statistical downscaling method. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011 , 25, 781-792	3.5	118
15	Spatial and temporal characteristics of changes in precipitation during 1957-2007 in the Haihe River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011 , 25, 881-895	3.5	54
14	Statistical properties of moisture transport in East Asia and their impacts on wetness/dryness variations in North China. <i>Theoretical and Applied Climatology</i> , 2011 , 104, 337-347	3	16
13	Statistical behaviours of precipitation regimes in China and their links with atmospheric circulation 1960-2005. <i>International Journal of Climatology</i> , 2011 , 31, 1665-1678	3.5	83
12	Precipitation extremes in a karst region: a case study in the Guizhou province, southwest China. <i>Theoretical and Applied Climatology</i> , 2010 , 101, 53-65	3	36
11	Statistical properties of the temperature, relative humidity, and net solar radiation in the Blue Nile-eastern Sudan region. <i>Theoretical and Applied Climatology</i> , 2010 , 101, 397-409	3	11
10	Changes of atmospheric water vapor budget in the Pearl River basin and possible implications for hydrological cycle. <i>Theoretical and Applied Climatology</i> , 2010 , 102, 185-195	3	35
9	Moisture budget variations in the Yangtze River Basin, China, and possible associations with large-scale circulation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010 , 24, 579-589	3.5	22

8	Streamflow Trends and Climate Variability Impacts in Poyang Lake Basin, China. <i>Water Resources Management</i> , 2010 , 24, 689-706	3.7	84
7	Atmospheric moisture budget and floods in the Yangtze River basin, China. <i>Theoretical and Applied Climatology</i> , 2009 , 95, 331-340	3	20
6	Observed changes of drought/wetness episodes in the Pearl River basin, China, using the standardized precipitation index and aridity index. <i>Theoretical and Applied Climatology</i> , 2009 , 98, 89-99	3	180
5	Changes of temperature extremes for 1960-2004 in Far-West China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009 , 23, 721-735	3.5	62
4	Accelerated soil CO ₂ efflux after conversion from secondary oak forest to pine plantation in southeastern China. <i>Ecological Research</i> , 2009 , 24, 1257-1265	1.9	19
3	Observed dryness and wetness variability in Shanghai during 1873-2005. <i>Journal of Chinese Geography</i> , 2009 , 19, 143-152	3.7	1
2	Changing features of extreme precipitation in the Yangtze River basin during 1961-2002. <i>Journal of Chinese Geography</i> , 2007 , 17, 33-42	3.7	13
1	Observed climatic changes in Shanghai during 1873-2002. <i>Journal of Chinese Geography</i> , 2005 , 15, 217-223	3.7	2