

Yu-Qing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,288
citations

393982

19
h-index

360668

35
g-index

40
all docs

40
docs citations

40
times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	Warming amplification over the Arctic Pole and Third Pole: Trends, mechanisms and consequences. <i>Earth-Science Reviews</i> , 2021, 217, 103625.	4.0	157
2	Impacts of climate change on streamflows under RCP scenarios: A case study in Xin River Basin, China. <i>Atmospheric Research</i> , 2016, 178-179, 521-534.	1.8	152
3	Multi-scale validation of GLEAM evapotranspiration products over China via ChinaFLUX ET measurements. <i>International Journal of Remote Sensing</i> , 2017, 38, 5688-5709.	1.3	85
4	Flash droughts in a typical humid and subtropical basin: A case study in the Gan River Basin, China. <i>Journal of Hydrology</i> , 2017, 551, 162-176.	2.3	76
5	Concurrent droughts and hot extremes in northwest China from 1961 to 2017. <i>International Journal of Climatology</i> , 2019, 39, 2186-2196.	1.5	65
6	Climate changes in temperature and precipitation extremes in an alpine grassland of Central Asia. <i>Theoretical and Applied Climatology</i> , 2016, 126, 519-531.	1.3	62
7	Evaluation of Downscaled CMIP5 Coupled with VIC Model for Flash Drought Simulation in a Humid Subtropical Basin, China. <i>Journal of Climate</i> , 2018, 31, 1075-1090.	1.2	55
8	Robust elevation dependency warming over the Tibetan Plateau under global warming of 1.5°C and 2°C. <i>Climate Dynamics</i> , 2019, 53, 2047-2060.	1.7	50
9	Short-term concurrent drought and heatwave frequency with 1.5 and 2.0°C global warming in humid subtropical basins: a case study in the Gan River Basin, China. <i>Climate Dynamics</i> , 2019, 52, 4621-4641.	1.7	49
10	Individual and combined impacts of future land-use and climate conditions on extreme hydrological events in a representative basin of the Yangtze River Delta, China. <i>Atmospheric Research</i> , 2020, 236, 104805.	1.8	48
11	Effect of Tibetan Plateau heating on summer extreme precipitation in eastern China. <i>Atmospheric Research</i> , 2019, 218, 364-371.	1.8	47
12	Analysis of dry/wet conditions in the Gan River Basin, China, and their association with large-scale atmospheric circulation. <i>Global and Planetary Change</i> , 2015, 133, 309-317.	1.6	46
13	Daytime and nighttime heat wave characteristics based on multiple indices over the China-Pakistan economic corridor. <i>Climate Dynamics</i> , 2019, 53, 6329-6349.	1.7	43
14	Evaluation of CMIP5 models and projected changes in temperatures over South Asia under global warming of 1.5 oC, 2 oC, and 3 oC. <i>Atmospheric Research</i> , 2020, 246, 105122.	1.8	33
15	Impact of large-scale circulation on the water vapour balance of the Tibetan Plateau in summer. <i>International Journal of Climatology</i> , 2016, 36, 4213-4221.	1.5	29
16	Characteristics of concurrent precipitation and wind speed extremes in China. <i>Weather and Climate Extremes</i> , 2021, 32, 100322.	1.6	29
17	Transport of heavy metals in the Huanghe River estuary, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	26
18	Population exposure to concurrent daytime and nighttime heatwaves in Huai River Basin, China. <i>Sustainable Cities and Society</i> , 2020, 61, 102309.	5.1	26

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19	Changes in cloud amount over the Tibetan Plateau and impacts of large-scale circulation. <i>Atmospheric Research</i> , 2021, 249, 105332.	1.8	21
20	Changes in snow depth under elevationâ€dependent warming over the Tibetan Plateau. <i>Atmospheric Science Letters</i> , 2021, 22, e1041.	0.8	19
21	Decrease in light precipitation events in Huai River Eco-economic Corridor, a climate transitional zone in eastern China. <i>Atmospheric Research</i> , 2019, 226, 240-254.	1.8	18
22	The sensitivity of the SPEI to potential evapotranspiration and precipitation at multiple timescales on the Huang-Huai-Hai Plain, China. <i>Theoretical and Applied Climatology</i> , 2021, 143, 87-99.	1.3	18
23	The influence of the Asian summer monsoon onset on the northward movement of the South Asian high towards the Tibetan Plateau and its thermodynamic mechanism. <i>International Journal of Climatology</i> , 2018, 38, 543-553.	1.5	16
24	Substantial decrease in concurrent meteorological droughts and consecutive cold events in <sc>Huai River Basin, China</sc>. <i>International Journal of Climatology</i> , 2021, 41, 6065-6083.	1.5	16
25	Evaluation of SWAT Model performance on glaciated and non-glaciated subbasins of Nam Co Lake, Southern Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2019, 16, 1075-1097.	0.8	14
26	Population Exposure to Compound Droughts and Heatwaves in the Observations and ERA5 Reanalysis Data in the Gan River Basin, China. <i>Land</i> , 2021, 10, 1021.	1.2	14
27	The Sap Flow Dynamics and Response of <i>Hedysarum scoparium</i> to Environmental Factors in Semiarid Northwestern China. <i>PLoS ONE</i> , 2015, 10, e0131683.	1.1	12
28	Extreme Temperature Events during 1960â€2017 in the Arid Region of Northwest China: Spatiotemporal Dynamics and Associated Large-Scale Atmospheric Circulation. <i>Sustainability</i> , 2020, 12, 1198.	1.6	11
29	Target Deoxyribonucleic Acid-Recycled Lighting-Up Amplifiable Ratiometric Fluorescence Biosensing of Bicolor Silver Nanoclusters Hosted in a Switchable Deoxyribonucleic Acid Construct. <i>Analytical Chemistry</i> , 2022, 94, 6703-6710.	3.2	11
30	Diel patterns of fine root respiration in a dryland shrub, measured in situ over different phenological stages. <i>Journal of Forest Research</i> , 2016, 21, 31-42.	0.7	8
31	Analysis of the Gross Ecosystem Productâ€Gross Domestic Product Synergistic States, Evolutionary Process, and Their Regional Contribution to the Chinese Mainland. <i>Land</i> , 2022, 11, 732.	1.2	7
32	Evapotranspiration Variations of the Minjiang River Basin in Southeastern China from 2000 to 2019. <i>Atmosphere</i> , 2022, 13, 562.	1.0	6
33	Characteristics of oscillatory pallidal neurons in patients with Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2020, 410, 116661.	0.3	4
34	Spatiotemporal Changes of sc-PDSI and Its Dynamic Drivers in Yellow River Basin. <i>Atmosphere</i> , 2022, 13, 399.	1.0	4
35	Optimal target localisation and eight-year outcome for subthalamic stimulation in patients with Parkinsonâ€™s disease. <i>British Journal of Neurosurgery</i> , 2021, 35, 151-156.	0.4	3
36	Compound droughts and heatwaves over the Huai River Basin of China: From a perspective of the magnitude index. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	3

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37	Factors affecting distribution of microbiotic crusts in the grain-for-green land of the loess region, northern Shaanxi, China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 165-170.	0.2	2
38	Identification of interaction between PAI-2 and IRF-3. <i>Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica</i> , 2003, 35, 661-5.	0.1	2
39	Can Arctic Sea Ice Influence the Extremely Cold Days and Nights in Winter over the Tibetan Plateau?. <i>Atmosphere</i> , 2022, 13, 246.	1.0	1
40	Research on Application of Microbial Exploration Technology Based on Abnormal Index System. <i>Geofluids</i> , 2022, 2022, 1-7.	0.3	0