

Tie Liu

List of Publications by Year in descending order

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46
papers

1,344
citations

394286

19
h-index

360920

35
g-index

47
all docs

47
docs citations

47
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Water Demand-Supply Gap and Scarcity Index in Lower Amu Darya River Basin, Central Asia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 743.	1.2	7
2	Comparison of Crop Evapotranspiration and Water Productivity of Typical Delta Irrigation Areas in Aral Sea Basin. <i>Remote Sensing</i> , 2022, 14, 249.	1.8	3
3	Effects of Climate Change on Vegetation Growth in the Yellow River Basin from 2000 to 2019. <i>Remote Sensing</i> , 2022, 14, 687.	1.8	28
4	Monitoring Recent Changes in Drought and Wetness in the Source Region of the Yellow River Basin, China. <i>Water (Switzerland)</i> , 2022, 14, 861.	1.2	15
5	Spatial and temporal variation and driving factors of wetland in the Amu Darya River Delta, Central Asia. <i>Ecological Indicators</i> , 2022, 139, 108898.	2.6	16
6	Impacts of climate change and evapotranspiration on shrinkage of Aral Sea. <i>Science of the Total Environment</i> , 2022, 845, 157203.	3.9	18
7	Investigation of crop evapotranspiration and irrigation water requirement in the lower Amu Darya River Basin, Central Asia. <i>Journal of Arid Land</i> , 2021, 13, 23-39.	0.9	33
8	Satellite-Based Precipitation Datasets Evaluation Using Gauge Observation and Hydrological Modeling in a Typical Arid Land Watershed of Central Asia. <i>Remote Sensing</i> , 2021, 13, 221.	1.8	21
9	Diagnostic Simulation of Water Age in Small Lake of Bosten Lake. <i>Water (Switzerland)</i> , 2021, 13, 1996.	1.2	3
10	Assessing vegetation stability to climate variability in Central Asia. <i>Journal of Environmental Management</i> , 2021, 298, 113330.	3.8	28
11	Evaluation of the CRU TS3.1, APHRODITE_V1101, and CFSR Datasets in Assessing Water Balance Components in the Upper Vakhsh River Basin in Central Asia. <i>Atmosphere</i> , 2021, 12, 1334.	1.0	3
12	Modifications to Snow-Melting and Flooding Processes in the Hydrological Model—A Case Study in Issyk-Kul, Kyrgyzstan. <i>Atmosphere</i> , 2021, 12, 1580.	1.0	8
13	Future Climate Change Impact on the Nyabugogo Catchment Water Balance in Rwanda. <i>Water (Switzerland)</i> , 2021, 13, 3636.	1.2	2
14	Accurate Simulation of Ice and Snow Runoff for the Mountainous Terrain of the Kunlun Mountains, China. <i>Remote Sensing</i> , 2020, 12, 179.	1.8	12
15	Water Balance Analysis Based on a Quantitative Evapotranspiration Inversion in the Nukus Irrigation Area, Lower Amu River Basin. <i>Remote Sensing</i> , 2020, 12, 2317.	1.8	21
16	Simulation of the Potential Impacts of Projected Climate Change on Streamflow in the Vakhsh River Basin in Central Asia under CMIP5 RCP Scenarios. <i>Water (Switzerland)</i> , 2020, 12, 1426.	1.2	21
17	Quantitative Detection and Attribution of Groundwater Level Variations in the Amu Darya Delta. <i>Water (Switzerland)</i> , 2020, 12, 2869.	1.2	9
18	Long-Term Hydro—Climatic Trends in the Mountainous Kofarnihon River Basin in Central Asia. <i>Water (Switzerland)</i> , 2020, 12, 2140.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Improved Model Parameter Transferability Method for Hydrological Simulation with SWAT in Ungauged Mountainous Catchments. <i>Sustainability</i> , 2020, 12, 3551.	1.6	6
20	Assessment of the Impacts of Climate Change and Human Activities on Runoff Using Climate Elasticity Method and General Circulation Model (GCM) in the Buqyrma River Basin, Kazakhstan. <i>Sustainability</i> , 2020, 12, 4968.	1.6	22
21	Climate Change Impacts on Extreme Flows Under IPCC RCP Scenarios in the Mountainous Kaidu Watershed, Tarim River Basin. <i>Sustainability</i> , 2020, 12, 2090.	1.6	17
22	The Assessment of Climate Change on Rainfall-Runoff Erosivity in the Chirchikâ€“Akhangaran Basin, Uzbekistan. <i>Sustainability</i> , 2020, 12, 3369.	1.6	28
23	Sub-Daily Simulation of Mountain Flood Processes Based on the Modified Soil Water Assessment Tool (SWAT) Model. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3118.	1.2	15
24	Determining variable weights for an Optimal Scaled Drought Condition Index (OSDCI): Evaluation in Central Asia. <i>Remote Sensing of Environment</i> , 2019, 231, 111220.	4.6	69
25	Edge Detection Algorithm of a Symmetric Difference Kernel SAR Image Based on the GAN Network Model. <i>Symmetry</i> , 2019, 11, 557.	1.1	12
26	Identifying climate change impacts on water resources in Xinjiang, China. <i>Science of the Total Environment</i> , 2019, 676, 613-626.	3.9	67
27	Spatiotemporal characteristics of future changes in precipitation and temperature in Central Asia. <i>International Journal of Climatology</i> , 2019, 39, 1571-1588.	1.5	41
28	Defining spatiotemporal characteristics of climate change trends from downscaled GCMs ensembles: how climate change reacts in Xinjiang, China. <i>International Journal of Climatology</i> , 2018, 38, 2538-2553.	1.5	41
29	Spatial and temporal characteristics of droughts in Central Asia during 1966â€“2015. <i>Science of the Total Environment</i> , 2018, 624, 1523-1538.	3.9	210
30	Change and Climatic Linkage for Extreme Flows in Typical Catchments of Middle Tianshan Mountain, Northwest China. <i>Water (Switzerland)</i> , 2018, 10, 1061.	1.2	5
31	Inclusion of Modified Snow Melting and Flood Processes in the SWAT Model. <i>Water (Switzerland)</i> , 2018, 10, 1715.	1.2	29
32	Comparing Bias Correction Methods Used in Downscaling Precipitation and Temperature from Regional Climate Models: A Case Study from the Kaidu River Basin in Western China. <i>Water (Switzerland)</i> , 2018, 10, 1046.	1.2	111
33	Runoff Dynamics and Associated Multi-Scale Responses to Climate Changes in the Middle Reach of the Yarlung Zangbo River Basin, China. <i>Water (Switzerland)</i> , 2018, 10, 295.	1.2	14
34	An Alternative Approach to Overcome the Limitation of HRUs in Analyzing Hydrological Processes Based on Land Use/Cover Change. <i>Water (Switzerland)</i> , 2018, 10, 434.	1.2	8
35	Snowmelt Water Alters the Regime of Runoff in the Arid Region of Northwest China. <i>Water (Switzerland)</i> , 2018, 10, 902.	1.2	8
36	Proportional coefficient method applied to TRMM rainfall data: case study of hydrological simulations of the Hotan River Basin (China). <i>Journal of Water and Climate Change</i> , 2017, 8, 627-640.	1.2	7

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37	Meteorological Drought Analysis in the Lower Mekong Basin Using Satellite-Based Long-Term CHIRPS Product. <i>Sustainability</i> , 2017, 9, 901.	1.6	111
38	Multi-Model Ensemble Approaches to Assessment of Effects of Local Climate Change on Water Resources of the Hotan River Basin in Xinjiang, China. <i>Water (Switzerland)</i> , 2017, 9, 584.	1.2	25
39	Systematical Evaluation of Satellite Precipitation Estimates Over Central Asia Using an Improved Error-Component Procedure. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,906.	1.2	40
40	Local Climate Change and the Impacts on Hydrological Processes in an Arid Alpine Catchment in Karakoram. <i>Water (Switzerland)</i> , 2017, 9, 344.	1.2	16
41	Investigating Alternative Climate Data Sources for Hydrological Simulations in the Upstream of the Amu Darya River. <i>Water (Switzerland)</i> , 2016, 8, 441.	1.2	28
42	Response of Hydrological Processes to Input Data in High Alpine Catchment: An Assessment of the Yarkant River basin in China. <i>Water (Switzerland)</i> , 2016, 8, 181.	1.2	7
43	Quantitative Detection and Attribution of Runoff Variations in the Aksu River Basin. <i>Water (Switzerland)</i> , 2016, 8, 338.	1.2	16
44	Evaluation of PERSIANN-CDR for Meteorological Drought Monitoring over China. <i>Remote Sensing</i> , 2016, 8, 379.	1.8	68
45	Assessment of Different Modelling Studies on the Spatial Hydrological Processes in an Arid Alpine Catchment. <i>Water Resources Management</i> , 2016, 30, 1757-1770.	1.9	27
46	Integrated Modeling System for Water Resources Management of Tarim River Basin. <i>Environmental Engineering Science</i> , 2010, 27, 255-269.	0.8	32