

# Xiang-Hu Li

## List of Publications by Year in descending order

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45  
papers

1,943  
citations

331259

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h-index

315357

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docs citations

45  
times ranked

1921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing changes in total water storage in two large freshwater lake basins of China. <i>Hydrological Processes</i> , 2022, 36, .	1.1	3
2	Influences of the timing of extreme precipitation on floods in Poyang Lake, China. <i>Hydrology Research</i> , 2021, 52, 26-42.	1.1	12
3	Contributions of climate change and human activities to runoff variations in the Poyang Lake Basin of China. <i>Physics and Chemistry of the Earth</i> , 2021, 123, 103019.	1.2	25
4	Suitability of TRMM Products with Different Temporal Resolution (3-Hourly, Daily, and Monthly) for Rainfall Erosivity Estimation. <i>Remote Sensing</i> , 2020, 12, 3924.	1.8	15
5	Attribution of Evapotranspiration Changes in Humid Regions of China from 1982 to 2016. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032404.	1.2	31
6	Suitability of Satellite-Based Precipitation Products for Water Balance Simulations Using Multiple Observations in a Humid Catchment. <i>Remote Sensing</i> , 2019, 11, 151.	1.8	17
7	Spatiotemporal Changes in Extreme Precipitation and Its Dependence on Topography over the Poyang Lake Basin, China. <i>Advances in Meteorology</i> , 2019, 2019, 1-15.	0.6	17
8	Quantifying the Human Induced Water Level Decline of China's Largest Freshwater Lake from the Changing Underlying Surface in the Lake Region. <i>Water Resources Management</i> , 2018, 32, 1467-1482.	1.9	33
9	Investigation of the complexity of streamflow fluctuations in a large heterogeneous lake catchment in China. <i>Theoretical and Applied Climatology</i> , 2018, 132, 751-762.	1.3	7
10	Comprehensive evaluation of multiple methods for assessing water resources variability of a lake-river system under the changing environment. <i>Hydrology Research</i> , 2018, 49, 332-343.	1.1	6
11	Intensification of hydrological drought due to human activity in the middle reaches of the Yangtze River, China. <i>Science of the Total Environment</i> , 2018, 637-638, 1432-1442.	3.9	74
12	Variability of Rainfall Erosivity and Erosivity Density in the Ganjiang River Catchment, China: Characteristics and Influences of Climate Change. <i>Atmosphere</i> , 2018, 9, 48.	1.0	28
13	Investigation of the drought-flood abrupt alternation of streamflow in Poyang Lake catchment during the last 50 years. <i>Hydrology Research</i> , 2017, 48, 1402-1417.	1.1	22
14	Copula-based probability of concurrent hydrological drought in the Poyang lake-catchment-river system (China) from 1960 to 2013. <i>Journal of Hydrology</i> , 2017, 553, 773-784.	2.3	74
15	Lake flooding sensitivity to the relative timing of peak flows between upstream and downstream waterways: A case study of Poyang Lake, China. <i>Hydrological Processes</i> , 2017, 31, 4217-4228.	1.1	22
16	Change of annual extreme water levels and correlation with river discharges in the middle-lower Yangtze River: Characteristics and possible affecting factors. <i>Chinese Geographical Science</i> , 2017, 27, 325-336.	1.2	13
17	Similarity, difference and correlation of meteorological and hydrological drought indices in a humid climate region - the Poyang Lake catchment in China. <i>Hydrology Research</i> , 2016, 47, 1211-1223.	1.1	40
18	Evaluating the influence of water table depth on transpiration of two vegetation communities in a lake floodplain wetland. <i>Hydrology Research</i> , 2016, 47, 293-312.	1.1	17

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19	A modeling study of the influences of Yangtze River and local catchment on the development of floods in Poyang Lake, China. <i>Hydrology Research</i> , 2016, 47, 102-119.	1.1	28
20	Spatiotemporal Characteristics of Dry-Wet Abrupt Transition Based on Precipitation in Poyang Lake Basin, China. <i>Water (Switzerland)</i> , 2015, 7, 1943-1958.	1.2	24
21	Investigation of the Variability and Implications of Meteorological Dry/Wet Conditions in the Poyang Lake Catchment, China, during the Period 1960–2010. <i>Advances in Meteorology</i> , 2015, 2015, 1-11.	0.6	14
22	Variation of floods characteristics and their responses to climate and human activities in Poyang Lake, China. <i>Chinese Geographical Science</i> , 2015, 25, 13-25.	1.2	34
23	The changing patterns of floods in Poyang Lake, China: characteristics and explanations. <i>Natural Hazards</i> , 2015, 76, 651-666.	1.6	56
24	Attribution of the changes in annual streamflow in the Yangtze River Basin over the past 146 years. <i>Theoretical and Applied Climatology</i> , 2015, 119, 323-332.	1.3	22
25	Factors influencing water level changes in China's largest freshwater lake, Poyang Lake, in the past 50 years. <i>Water International</i> , 2014, 39, 983-999.	0.4	57
26	Assessing the performance of satellite-based precipitation products and its dependence on topography over Poyang Lake basin. <i>Theoretical and Applied Climatology</i> , 2014, 115, 713-729.	1.3	77
27	An investigation of enhanced recessions in Poyang Lake: Comparison of Yangtze River and local catchment impacts. <i>Journal of Hydrology</i> , 2014, 517, 425-434.	2.3	280
28	Hydrodynamic and Hydrological Modeling of the Poyang Lake Catchment System in China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 607-616.	0.8	137
29	Variation of reference evapotranspiration and its contributing climatic factors in the Poyang Lake catchment, China. <i>Hydrological Processes</i> , 2014, 28, 6151-6162.	1.1	58
30	Trends and periodicities in observed temperature, precipitation and runoff in a desert catchment: case study for the Shiyang River Basin in northwestern China. <i>Water and Environment Journal</i> , 2013, 27, 86-98.	1.0	17
31	Effects of spatial information of soil physical properties on hydrological modeling based on a distributed hydrological model. <i>Chinese Geographical Science</i> , 2013, 23, 182-193.	1.2	8
32	An Initial Inventory and Indexation of Groundwater Mega-Depletion Cases. <i>Water Resources Management</i> , 2013, 27, 507-533.	1.9	63
33	Distinguishing the relative impacts of climate change and human activities on variation of streamflow in the Poyang Lake catchment, China. <i>Journal of Hydrology</i> , 2013, 494, 83-95.	2.3	354
34	Capabilities of Satellite-Based Precipitation to Estimate the Spatiotemporal Variation of Flood/Drought Class in Poyang Lake Basin. <i>Advances in Meteorology</i> , 2013, 2013, 1-9.	0.6	11
35	Dry/Wet Conditions Monitoring Based on TRMM Rainfall Data and Its Reliability Validation over Poyang Lake Basin, China. <i>Water (Switzerland)</i> , 2013, 5, 1848-1864.	1.2	55
36	An Integrated Hydrological Model for Poyang Lake Watershed, China. , 2012, , .		0

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37	Suitability of the TRMM satellite rainfalls in driving a distributed hydrological model for water balance computations in Xinjiang catchment, Poyang lake basin. <i>Journal of Hydrology</i> , 2012, 426-427, 28-38.	2.3	173
38	Estimating the Potential Evapotranspiration of Poyang Lake Basin Using Remote Sense Data and Shuttleworth-Wallace Model. <i>Procedia Environmental Sciences</i> , 2011, 10, 1575-1582.	1.3	15
39	Interannual variability of evapotranspiration based on distributed hydrological model in Xinjiang catchment, Poyang Lake. , 2011, , .		1
40	Validation the applicability of satellite based rainfall data for runoff simulation and water balance analysis. , 2011, , .		0
41	Comparison of two distributed hydrological model for soil moisture simulation. , 2011, , .		0
42	Validation of satellite based rainfall data in Poyang Lake catchment. , 2011, , .		0
43	Incorporating Remote Sensing Data in a Simple Distributed Hydrological Model for Runoff and Spatial Soil Moisture Simulation. , 2008, , .		0
44	Effect of land use change on storm runoff simulation using a simple distributed hydrological model. <i>Proceedings of SPIE</i> , 2008, , .	0.8	0
45	Effect of temporal resolution of NDVI on potential evapotranspiration estimation and hydrological model performance. <i>Chinese Geographical Science</i> , 2007, 17, 357-363.	1.2	3