

# Youpeng Xu

## List of Publications by Year in descending order

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51  
papers

2,335  
citations

257101

24  
h-index

214527

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic impacts of changes in river structure and connectivity on water quality under urbanization in the Yangtze River Delta plain. <i>Ecological Indicators</i> , 2022, 135, 108582.	2.6	20
2	Spatially non-stationary relationships between urbanization and the characteristics and storage-regulation capacities of river systems in the Tai Lake Plain, China. <i>Science of the Total Environment</i> , 2022, 824, 153684.	3.9	11
3	Climate change increased the compound extreme precipitation-flood events in a representative watershed of the Yangtze River Delta, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 3803-3818.	1.9	4
4	Temporal and Spatial Characteristics of River Water Quality and Its Influence Factors in the TAIHU Basin Plains, Lower Yangtze River, China. <i>Water (Switzerland)</i> , 2022, 14, 1654.	1.2	7
5	Exploring the effect of urbanization on hourly extreme rainfall over Yangtze River Delta of China. <i>Urban Climate</i> , 2021, 36, 100781.	2.4	31
6	Role of underlying surface, rainstorm and antecedent wetness condition on flood responses in small and medium sized watersheds in the Yangtze River Delta region, China. <i>Catena</i> , 2021, 206, 105489.	2.2	17
7	Innovative trend analysis of annual and seasonal rainfall in the Yangtze River Delta, eastern China. <i>Atmospheric Research</i> , 2020, 231, 104673.	1.8	138
8	Stream loss in an urbanized and agricultural watershed in China. <i>Journal of Environmental Management</i> , 2020, 253, 109687.	3.8	11
9	Effects of industry structures on water quality in different urbanized regions using an improved entropy-weighted matter-element methodology. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7549-7558.	2.7	18
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	Measuring the hydrological longitudinal connectivity and its spatial response on urbanization in delta plains. <i>Ecological Indicators</i> , 2020, 119, 106845.	2.6	16
12	Evolution trends in water levels and their causes in the Taihu Basin, China. <i>Hydrological Sciences Journal</i> , 2020, 65, 2296-2308.	1.2	9
13	Assessing the impacts of climatic and anthropogenic factors on water level variation in the Taihu Plain based on non-stationary statistical models. <i>Environmental Science and Pollution Research</i> , 2020, 27, 22829-22842.	2.7	4
14	Data Assimilation of High-Resolution Satellite Rainfall Product Improves Rainfall Simulation Associated with Landfalling Tropical Cyclones in the Yangtze River Delta. <i>Remote Sensing</i> , 2020, 12, 276.	1.8	12
15	Influence of changes in river system structure on hydrological processes in Taihu Basin, China. <i>Hydrological Sciences Journal</i> , 2019, 64, 2093-2104.	1.2	5
16	Assessing sub-daily rainstorm variability and its effects on flood processes in the Yangtze River Delta region. <i>Hydrological Sciences Journal</i> , 2019, 64, 1972-1981.	1.2	6
17	Spatiotemporal variation of vegetation coverage and its associated influence factor analysis in the Yangtze River Delta, eastern China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32866-32879.	2.7	52
18	Unraveling the Role of Human Activities and Climate Variability in Water Level Changes in the Taihu Plain Using Artificial Neural Network. <i>Water (Switzerland)</i> , 2019, 11, 720.	1.2	7

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19	Non-stationarity analysis of extreme water level in response to climate change and urbanization in the Taihu Basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 891-904.	1.9	14
20	Uncertainty in simulation of land-use change impacts on catchment runoff with multi-timescales based on the comparison of the HSPF and SWAT models. <i>Journal of Hydrology</i> , 2019, 573, 486-500.	2.3	74
21	Variability of precipitation extremes over the Yangtze River Delta, eastern China, during 1960–2016. <i>Theoretical and Applied Climatology</i> , 2019, 138, 305-319.	1.3	16
22	Effect of urbanisation on extreme precipitation based on nonstationary models in the Yangtze River Delta metropolitan region. <i>Science of the Total Environment</i> , 2019, 673, 64-73.	3.9	54
23	Atmospheric and human-induced impacts on temporal variability of water level extremes in the Taihu Basin, China. <i>Journal of Flood Risk Management</i> , 2019, 12, .	1.6	10
24	Multifractal Analysis of River Networks in an Urban Catchment on the Taihu Plain, China. <i>Water (Switzerland)</i> , 2019, 11, 2283.	1.2	10
25	Changes in the plain river system and its hydrological characteristics under urbanization – case study of Suzhou City, China. <i>Hydrological Sciences Journal</i> , 2019, 64, 2068-2079.	1.2	9
26	Degrading flood regulation function of river systems in the urbanization process. <i>Science of the Total Environment</i> , 2018, 622-623, 1379-1390.	3.9	27
27	Impacts of Land Use Change on River Systems for a River Network Plain. <i>Water (Switzerland)</i> , 2018, 10, 609.	1.2	14
28	Spatial-temporal changes in the longitudinal functional connectivity of river systems in the Taihu Plain, China. <i>Journal of Hydrology</i> , 2018, 566, 846-859.	2.3	39
29	Spatial hydrological responses to land use and land cover changes in a typical catchment of the Yangtze River Delta region. <i>Catena</i> , 2018, 170, 305-315.	2.2	58
30	Impacts of human activities on the structural and functional connectivity of a river network in the Taihu Plain. <i>Land Degradation and Development</i> , 2018, 29, 2575-2588.	1.8	40
31	Changes in river networks and their storage and regulation capacities in the Rapidly Urbanized Taihu Basin, China. <i>Hydrological Processes</i> , 2018, 32, 3341-3351.	1.1	11
32	Spatial and temporal trends of reference crop evapotranspiration and its influential variables in Yangtze River Delta, eastern China. <i>Theoretical and Applied Climatology</i> , 2017, 130, 945-958.	1.3	23
33	River networks system changes and its impact on storage and flood control capacity under rapid urbanization. <i>Hydrological Processes</i> , 2016, 30, 2401-2412.	1.1	36
34	Degrading river network due to urbanization in Yangtze River Delta. <i>Journal of Chinese Geography</i> , 2016, 26, 694-706.	1.5	28
35	Spatio-temporal characteristics of precipitation and dryness/wetness in Yangtze River Delta, eastern China, during 1960–2012. <i>Atmospheric Research</i> , 2016, 172-173, 196-205.	1.8	79
36	Spatial-temporal evolution of the distribution pattern of river systems in the plain river network region of the Taihu Basin, China. <i>Quaternary International</i> , 2016, 392, 178-186.	0.7	41

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37	Long-term trends in daily precipitation over the Yangtze River Delta region during 1960–2012, Eastern China. <i>Theoretical and Applied Climatology</i> , 2016, 125, 131-147.	1.3	30
38	Changing properties of precipitation extremes in the urban areas, Yangtze River Delta, China, during 1957–2013. <i>Natural Hazards</i> , 2015, 79, 437-454.	1.6	40
39	Impacts of Urbanization on River Systems in the Taihu Region, China. <i>Water (Switzerland)</i> , 2015, 7, 1340-1358.	1.2	50
40	Analysis of river health variation under the background of urbanization based on entropy weight and matter-element model: A case study in Huzhou City in the Yangtze River Delta, China. <i>Environmental Research</i> , 2015, 139, 31-35.	3.7	67
41	Changing structure of precipitation evolution during 1957–2013 in Yangtze River Delta, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 2201-2212.	1.9	25
42	Assessment of river health based on an improved entropy-based fuzzy matter-element model in the Taihu Plain, China. <i>Ecological Indicators</i> , 2015, 57, 85-95.	2.6	99
43	Temporal and spatial variation of water level in urbanizing plain river network region. <i>Water Science and Technology</i> , 2014, 69, 2191-2199.	1.2	10
44	Impacts of urbanization on river system structure: a case study on Qinhuai River Basin, Yangtze River Delta. <i>Water Science and Technology</i> , 2014, 70, 671-677.	1.2	18
45	Hydrological Simulation by SWAT Model with Fixed and Varied Parameterization Approaches Under Land Use Change. <i>Water Resources Management</i> , 2013, 27, 2823-2838.	1.9	68
46	Hydrological response to urbanization at different spatio-temporal scales simulated by coupling of CLUE-S and the SWAT model in the Yangtze River Delta region. <i>Journal of Hydrology</i> , 2013, 485, 113-125.	2.3	231
47	Assessing the effects of urbanization on annual runoff and flood events using an integrated hydrological modeling system for Qinhuai River basin, China. <i>Journal of Hydrology</i> , 2012, 464-465, 127-139.	2.3	279
48	Relationship between changes of river-lake networks and water levels in typical regions of Taihu Lake Basin, China. <i>Chinese Geographical Science</i> , 2012, 22, 673-682.	1.2	14
49	Impacts of land use change scenarios on storm-runoff generation in Xitiaoxi basin, China. <i>Quaternary International</i> , 2009, 208, 121-128.	0.7	112
50	Observed trends of annual maximum water level and streamflow during past 130 years in the Yangtze River basin, China. <i>Journal of Hydrology</i> , 2006, 324, 255-265.	2.3	291
51	Hydrologic series characteristics analysis of the major rivers around the Taklimakan Desert. <i>Chinese Geographical Science</i> , 1997, 7, 47-52.	1.2	0