

# Yongjun Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,259  
citations

394286

19  
h-index

377752

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural and anthropogenic factors affecting the groundwater quality in the Nandong karst underground river system in Yunan, China. <i>Journal of Contaminant Hydrology</i> , 2009, 109, 49-61.	1.6	208
2	Contribution of karst ecological restoration engineering to vegetation greening in southwest China during recent decade. <i>Ecological Indicators</i> , 2021, 121, 107081.	2.6	79
3	A review of the effects of tunnel excavation on the hydrology, ecology, and environment in karst areas: Current status, challenges, and perspectives. <i>Journal of Hydrology</i> , 2020, 586, 124891.	2.3	71
4	A comparative assessment of Australia's Lower Lakes water quality under extreme drought and post-drought conditions using multivariate statistical techniques. <i>Journal of Cleaner Production</i> , 2018, 190, 1-11.	4.6	61
5	Human Impacts on Karst Groundwater Contamination Deduced by Coupled Nitrogen with Strontium Isotopes in the Nandong Underground River System in Yunan, China. <i>Environmental Science &amp; Technology</i> , 2009, 43, 7676-7683.	4.6	56
6	Impact of land use change on groundwater quality in a typical karst watershed of southwest China: a case study of the Xiaojiang watershed, Yunnan Province. <i>Hydrogeology Journal</i> , 2008, 16, 727-735.	0.9	52
7	The contribution of human activities to dissolved inorganic carbon fluxes in a karst underground river system: Evidence from major elements and $\delta^{13}C_{DIC}$ in Nandong, Southwest China. <i>Journal of Contaminant Hydrology</i> , 2013, 152, 1-11.	1.6	51
8	Response of plants water uptake patterns to tunnels excavation based on stable isotopes in a karst trough valley. <i>Journal of Hydrology</i> , 2019, 571, 485-493.	2.3	48
9	Effects of Land Use on Hydrochemistry and Contamination of Karst Groundwater from Nandong Underground River System, China. <i>Water, Air, and Soil Pollution</i> , 2010, 210, 123-141.	1.1	45
10	Biogeochemical controls on daily cycling of hydrochemistry and $\delta^{13}C$ of dissolved inorganic carbon in a karst spring-fed pool. <i>Journal of Hydrology</i> , 2013, 478, 157-168.	2.3	41
11	Hydrogeological characterization and environmental effects of the deteriorating urban karst groundwater in a karst trough valley: Nanshan, SW China. <i>Hydrogeology Journal</i> , 2018, 26, 1487-1497.	0.9	39
12	Relationships between rocky desertification and spatial pattern of land use in typical karst area, Southwest China. <i>Environmental Earth Sciences</i> , 2009, 59, 881-890.	1.3	37
13	Assessment of water resource carrying capacity in karst area of Southwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	37
14	Strontium isotope geochemistry of groundwater affected by human activities in Nandong underground river system, China. <i>Applied Geochemistry</i> , 2011, 26, 371-379.	1.4	28
15	Assessment of climate impacts on the karst-related carbon sink in SW China using MPD and GIS. <i>Global and Planetary Change</i> , 2016, 144, 171-181.	1.6	28
16	Increasing leaf $\delta^{13}C$ values of woody plants in response to water stress induced by tunnel excavation in a karst trough valley: Implication for improving water-use efficiency. <i>Journal of Hydrology</i> , 2020, 586, 124895.	2.3	28
17	Source and flux of anthropogenically enhanced dissolved inorganic carbon: A comparative study of urban and forest karst catchments in Southwest China. <i>Science of the Total Environment</i> , 2020, 725, 138255.	3.9	24
18	Quantifying the impacts of lithology on vegetation restoration using a random forest model in a karst trough valley, China. <i>Ecological Engineering</i> , 2020, 156, 105973.	1.6	22

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19	The use of nitrate, bacteria and fluorescent tracers to characterize groundwater recharge and contamination in a karst catchment, Chongqing, China. <i>Hydrogeology Journal</i> , 2010, 18, 1281-1289.	0.9	21
20	Sources of sulfur in the Nandong underground river system, southwest China: A chemical and isotopic reconnaissance. <i>Applied Geochemistry</i> , 2012, 27, 1463-1470.	1.4	21
21	Origin of calcium sulfate-type water in the Triassic carbonate thermal water system in Chongqing, China: A chemical and isotopic reconnaissance. <i>Applied Geochemistry</i> , 2018, 89, 49-58.	1.4	21
22	Seasonal transpiration dynamics of evergreen <i>Ligustrum lucidum</i> linked with water source and water-use strategy in a limestone karst area, southwest China. <i>Journal of Hydrology</i> , 2021, 597, 126199.	2.3	21
23	Tunneling-induced groundwater depletion limits long-term growth dynamics of forest trees. <i>Science of the Total Environment</i> , 2022, 811, 152375.	3.9	21
24	Modeling hydrological responses of karst spring to storm events: example of the Shuifang spring (Jinfo Mt., Chongqing, China). <i>Environmental Geology</i> , 2008, 55, 1545-1553.	1.2	19
25	Predicting floods in a large karst river basin by coupling PERSIANN-CCS QPEs with a physically based distributed hydrological model. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1505-1532.	1.9	18
26	A new distributed karst-tunnel hydrological model and tunnel hydrological effect simulations. <i>Journal of Hydrology</i> , 2021, 593, 125639.	2.3	18
27	Excitation-emission matrix fluorescence spectra of chromophoric dissolved organic matter reflected the composition and origination of dissolved organic carbon in Lijiang River, Southwest China. <i>Journal of Hydrology</i> , 2021, 598, 126240.	2.3	17
28	The impact of heterotrophic bacteria on recalcitrant dissolved organic carbon formation in a typical karstic river. <i>Science of the Total Environment</i> , 2022, 815, 152576.	3.9	15
29	An integrated spatial snap-shot monitoring method for identifying seasonal changes and spatial changes in surface water quality. <i>Journal of Hydrology</i> , 2016, 539, 567-576.	2.3	13
30	Elaborate simulations and forecasting of the effects of urbanization on karst flood events using the improved Karst-Liuxihe model. <i>Catena</i> , 2021, 197, 104990.	2.2	13
31	Land-use change caused microbial pollution in a karst underground river, Chongqing, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	12
32	Variations of soil CO <sub>2</sub> concentration and pCO <sub>2</sub> in a cave stream on different time scales in subtropical climatic regime. <i>Catena</i> , 2020, 185, 104280.	2.2	12
33	Elaborate simulation and predication of the tunnel drainage effect on karst groundwater field and discharge based on Visual MODFLOW. <i>Journal of Hydrology</i> , 2022, 612, 128023.	2.3	12
34	Coupled carbon-nitrogen cycling controls the transformation of dissolved inorganic carbon into dissolved organic carbon in karst aquatic systems. <i>Journal of Hydrology</i> , 2021, 592, 125764.	2.3	11
35	Biogeochemical and physical controls on the evolution of dissolved inorganic carbon (DIC) and $\delta^{13}C_{DIC}$ in karst spring-waters exposed to atmospheric CO <sub>2</sub> (g): Insights from laboratory experiments. <i>Journal of Hydrology</i> , 2020, 583, 124294.	2.3	9
36	Hydrochemical variations of epikarst springs in vertical climate zones: a case study in Jinfo Mountain National Nature Reserve of China. <i>Environmental Earth Sciences</i> , 2011, 63, 375-381.	1.3	8

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37	Comparison of Microbiomes and Resistomes in Two Karst Groundwater Sites in Chongqing, China. <i>Ground Water</i> , 2019, 57, 807-818.	0.7	8
38	Editorial: Advances in hydrology and the water environment in the karst critical zone under the impacts of climate change and anthropogenic activities. <i>Journal of Hydrology</i> , 2021, 595, 125982.	2.3	7
39	Rainfall-driven and hydrologically-controlled variations in cave CO <sub>2</sub> sources and dynamics: Evidence from monitoring soil CO <sub>2</sub> , stream flow and cave CO <sub>2</sub> . <i>Journal of Hydrology</i> , 2021, 595, 126060.	2.3	5
40	Polychlorinated biphenyls in the Nanshan Underground River, China. <i>Diqiu Huaxue</i> , 2013, 32, 357-366.	0.5	2