

# Yongjun Jiang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

751

citations

17

h-index

26

g-index

40

ext. papers

985

ext. citations

5.3

avg, IF

4.61

L-index

#	Paper	IF	Citations
38	The impact of heterotrophic bacteria on recalcitrant dissolved organic carbon formation in a typical karstic river.. <i>Science of the Total Environment</i> , <b>2022</b> , 152576	10.2	0
37	Tunneling-induced groundwater depletion limits long-term growth dynamics of forest trees.. <i>Science of the Total Environment</i> , <b>2021</b> , 811, 152375	10.2	1
36	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> , <b>2021</b> , 595, 126060	6	0
35	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> , <b>2021</b> , 597, 126199	6	1
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> , <b>2021</b> , 592, 125764	6	1
33	Contribution of karst ecological restoration engineering to vegetation greening in southwest China during recent decade. <i>Ecological Indicators</i> , <b>2021</b> , 121, 107081	5.8	24
32	Elaborate simulations and forecasting of the effects of urbanization on karst flood events using the improved Karst-Liuxihe model. <i>Catena</i> , <b>2021</b> , 197, 104990	5.8	3
31	A new distributed karst-tunnel hydrological model and tunnel hydrological effect simulations. <i>Journal of Hydrology</i> , <b>2021</b> , 593, 125639	6	4
30	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> , <b>2021</b> , 598, 126240	6	4
29	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> , <b>2020</b> , 586, 124895	6	10
28	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> , <b>2020</b> , 725, 138255	10.2	12
27	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> , <b>2020</b> , 586, 124891	6	22
26	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> , <b>2020</b> , 185, 104280	5.8	4
25	Biogeochemical and physical controls on the evolution of dissolved inorganic carbon (DIC) and $\delta^{13}CDIC$ in karst spring-waters exposed to atmospheric CO <sub>2</sub> (g): Insights from laboratory experiments. <i>Journal of Hydrology</i> , <b>2020</b> , 583, 124294	6	5
24	Quantifying the impacts of lithology on vegetation restoration using a random forest model in a karst trough valley, China. <i>Ecological Engineering</i> , <b>2020</b> , 156, 105973	3.9	10
23	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> , <b>2019</b> , 23, 1505-1532	5.5	11
22	Response of plants water uptake patterns to tunnels excavation based on stable isotopes in a karst trough valley. <i>Journal of Hydrology</i> , <b>2019</b> , 571, 485-493	6	22

21	Comparison of Microbiomes and Resistomes in Two Karst Groundwater Sites in Chongqing, China. <i>Ground Water</i> , <b>2019</b> , 57, 807-818	2.4	3
20	Hydrogeological characterization and environmental effects of the deteriorating urban karst groundwater in a karst trough valley: Nanshan, SW China. <i>Hydrogeology Journal</i> , <b>2018</b> , 26, 1487-1497	3.1	23
19	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> , <b>2018</b> , 190, 1-11	10.3	33
18	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> , <b>2018</b> , 89, 49-58	3.5	16
17	An integrated spatial snap-shot monitoring method for identifying seasonal changes and spatial changes in surface water quality. <i>Journal of Hydrology</i> , <b>2016</b> , 539, 567-576	6	10
16	Assessment of climate impacts on the karst-related carbon sink in SW China using MPD and GIS. <i>Global and Planetary Change</i> , <b>2016</b> , 144, 171-181	4.2	16
15	Assessment of water resource carrying capacity in karst area of Southwest China. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	19
14	Land-use change caused microbial pollution in a karst underground river, Chongqing, China. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	9
13	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> , <b>2013</b> , 152, 1-11	3.9	37
12	Polychlorinated biphenyls in the Nanshan Underground River, China. <i>Diqiu Huaxue</i> , <b>2013</b> , 32, 357-366		2
11	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> , <b>2013</b> , 478, 157-168	6	30
10	Sources of sulfur in the Nandong underground river system, southwest China: A chemical and isotopic reconnaissance. <i>Applied Geochemistry</i> , <b>2012</b> , 27, 1463-1470	3.5	17
9	Strontium isotope geochemistry of groundwater affected by human activities in Nandong underground river system, China. <i>Applied Geochemistry</i> , <b>2011</b> , 26, 371-379	3.5	23
8	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> , <b>2011</b> , 63, 375-381	2.9	5
7	The use of nitrate, bacteria and fluorescent tracers to characterize groundwater recharge and contamination in a karst catchment, Chongqing, China. <i>Hydrogeology Journal</i> , <b>2010</b> , 18, 1281-1289	3.1	19
6	Effects of Land Use on Hydrochemistry and Contamination of Karst Groundwater from Nandong Underground River System, China. <i>Water, Air, and Soil Pollution</i> , <b>2010</b> , 210, 123-141	2.6	41
5	Natural and anthropogenic factors affecting the groundwater quality in the Nandong karst underground river system in Yunan, China. <i>Journal of Contaminant Hydrology</i> , <b>2009</b> , 109, 49-61	3.9	167
4	Relationships between rocky desertification and spatial pattern of land use in typical karst area, Southwest China. <i>Environmental Earth Sciences</i> , <b>2009</b> , 59, 881-890	2.9	32

- 3 Human impacts on karst groundwater contamination deduced by coupled nitrogen with strontium isotopes in the Nandong Underground River System in Yunan, China. *Environmental Science & Technology*, **2009**, 43, 7676-83 10.3 48
- 2 Modeling hydrological responses of karst spring to storm events: example of the Shuifang spring (Jinfo Mt., Chongqing, China). *Environmental Geology*, **2008**, 55, 1545-1553 18
- 1 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. *Hydrogeology Journal*, **2008**, 16, 727-735 3.1 47