

# Yong Xiao

## List of Publications by Year in descending order

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33  
papers

1,001  
citations

430874

18  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating sources, driving forces and potential health risks of nitrate and fluoride in groundwater of a typical alluvial fan plain. <i>Science of the Total Environment</i> , 2022, 802, 149909.	8.0	112
2	Hydrochemistry, quality and potential health risk appraisal of nitrate enriched groundwater in the Nanchong area, southwestern China. <i>Science of the Total Environment</i> , 2021, 784, 147186.	8.0	96
3	Geostatistical interpolation model selection based on ArcGIS and spatio-temporal variability analysis of groundwater level in piedmont plains, northwest China. <i>SpringerPlus</i> , 2016, 5, 425.	1.2	77
4	Groundwater origin, flow regime and geochemical evolution in arid endorheic watersheds: a case study from the Qaidam Basin, northwestern China. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4381-4400.	4.9	68
5	Hydrogeochemical insights into the signatures, genesis and sustainable perspective of nitrate enriched groundwater in the piedmont of Hutuo watershed, China. <i>Catena</i> , 2022, 212, 106020.	5.0	55
6	Hydrochemistry appraisal, quality assessment and health risk evaluation of shallow groundwater in the Mianyang area of Sichuan Basin, southwestern China. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	52
7	Groundwater circulation and hydrogeochemical evolution in Nomhon of Qaidam Basin, northwest China. <i>Journal of Earth System Science</i> , 2017, 126, 1.	1.3	49
8	Occurrence, Controlling Factors and Health Hazards of Fluoride-Enriched Groundwater in the Lower Flood Plain of Yellow River, Northern China. <i>Exposure and Health</i> , 2022, 14, 345-358.	4.9	45
9	Hydrogeochemical Characterization and Quality Assessment of Groundwater in a Long-Term Reclaimed Water Irrigation Area, North China Plain. <i>Water (Switzerland)</i> , 2018, 10, 1209.	2.7	39
10	Hydrogeochemical appraisal of groundwater quality and health risk in a near-suburb area of North China. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2020, 69, 55-69.	1.4	37
11	Investigation of Geochemical Characteristics and Controlling Processes of Groundwater in a Typical Long-Term Reclaimed Water Use Area. <i>Water (Switzerland)</i> , 2017, 9, 800.	2.7	35
12	Groundwater geochemical signatures and implication for sustainable development in a typical endorheic watershed on Tibetan plateau. <i>Environmental Science and Pollution Research</i> , 2021, 28, 48312-48329.	5.3	33
13	Investigation of Groundwater Contamination and Health Implications in a Typical Semiarid Basin of North China. <i>Water (Switzerland)</i> , 2020, 12, 1137.	2.7	31
14	Natural and anthropogenic factors affecting the shallow groundwater quality in a typical irrigation area with reclaimed water, North China Plain. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 514.	2.7	29
15	Impact of Long-Term Reclaimed Water Irrigation on the Distribution of Potentially Toxic Elements in Soil: An In-Situ Experiment Study in the North China Plain. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 649.	2.6	27
16	Geostatistical analysis of hydrochemical variations and nitrate pollution causes of groundwater in an alluvial fan plain. <i>Acta Geophysica</i> , 2019, 67, 1191-1203.	2.0	25
17	Comprehensive Understanding of Groundwater Geochemistry and Suitability for Sustainable Drinking Purposes in Confined Aquifers of the Wuyi Region, Central North China Plain. <i>Water (Switzerland)</i> , 2020, 12, 3052.	2.7	22
18	Hydrogeochemical constraints on groundwater resource sustainable development in the arid Golmud alluvial fan plain on Tibetan plateau. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	20

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19	Identification of Groundwater Pollution Sources by a SCE-UA Algorithm-Based Simulation/Optimization Model. <i>Water (Switzerland)</i> , 2018, 10, 193.	2.7	19
20	Hydrogeochemical Features and Genesis of Confined Groundwater and Health Perspectives for Sustainable Development in Urban Hengshui, North China Plain. <i>Journal of Chemistry</i> , 2021, 2021, 1-15.	1.9	16
21	Hydrochemistry and Entropy-Based Groundwater Quality Assessment in the Suining Area, Southwestern China. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	16
22	Hydrogeochemistry and Genesis Analysis of Thermal and Mineral Springs in Arxan, Northeastern China. <i>Water (Switzerland)</i> , 2017, 9, 61.	2.7	15
23	Hydrochemical Characteristics and Groundwater Quality Assessment Using an Integrated Approach of the PCA, SOM, and Fuzzy c-Means Clustering: A Case Study in the Northern Sichuan Basin. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	15
24	Accessible Phreatic Groundwater Resources in the Central Shijiazhuang of North China Plain: Perspective From the Hydrogeochemical Constraints. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	14
25	Groundwater level response to hydrogeological factors in a semi-arid basin of Beijing, China. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2017, 66, 266-278.	1.4	11
26	Numerical Investigation into the Evolution of Groundwater Flow and Solute Transport in the Eastern Qaidam Basin since the Last Glacial Period. <i>Geofluids</i> , 2018, 2018, 1-12.	0.7	9
27	Geostatistics-based spatial variation characteristics of groundwater levels in a wastewater irrigation area, northern China. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 1479-1489.	2.1	7
28	Risk Identification and Evaluation of the Long-term Supply of Manganese Mines in China Based on the VW-BGR Method. <i>Sustainability</i> , 2019, 11, 2683.	3.2	6
29	Geochemical Characteristics and Quality Appraisal of Groundwater From Huatugou of the Qaidam Basin on the Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	6
30	Parallel Processing Transport Model MT3DMS by Using OpenMP. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1063.	2.6	5
31	Combining river replenishment and restrictions on groundwater pumping to achieve groundwater balance in the Juma River Plain, North China Plain. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	4
32	Addendum: Li, S., et al. Risk Identification and Evaluation of the Long-term Supply of Manganese Mines in China Based on the VW-BGR Method. <i>Sustainability</i> 2019, 11, 2683. <i>Sustainability</i> , 2019, 11, 7081.	3.2	3
33	Origin of brines and modern water circulation contribution to Qarhan salt lake in Qaidam basin, Tibetan plateau. <i>E3S Web of Conferences</i> , 2019, 98, 12025.	0.5	1