Yong Xiao

List of Publications by Year
in descending order

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. Science of the Total Environment, 2022, 802, 149909.	8.0	112
2	Occurrence, Controlling Factors and Health Hazards of Fluoride-Enriched Groundwater in the Lower Flood Plain of Yellow River, Northern China. Exposure and Health, 2022, 14, 345-358.	4.9	45
3	Hydrogeochemical insights into the signatures, genesis and sustainable perspective of nitrate enriched groundwater in the piedmont of Hutuo watershed, China. Catena, 2022, 212, 106020.	5.0	55
4	Geochemical Characteristics and Quality Appraisal of Groundwater From Huatugou of the Qaidam Basin on the Tibetan Plateau. Frontiers in Earth Science, 2022, 10, .	1.8	6
5	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. Frontiers in Environmental Science, 2022, 10, .	3.3	15
6	Groundwater geochemical signatures and implication for sustainable development in a typical endorheic watershed on Tibetan plateau. Environmental Science and Pollution Research, 2021, 28, 48312-48329.	5.3	33
7	Hydrogeochemical Features and Genesis of Confined Groundwater and Health Perspectives for Sustainable Development in Urban Hengshui, North China Plain. Journal of Chemistry, 2021, 2021, 1-15.	1.9	16
8	Hydrochemistry and Entropy-Based Groundwater Quality Assessment in the Suining Area, Southwestern China. Journal of Chemistry, 2021, 2021, 1-11.	1.9	16
9	Hydrochemistry appraisal, quality assessment and health risk evaluation of shallow groundwater in the Mianyang area of Sichuan Basin, southwestern China. Environmental Earth Sciences, 2021, 80, 1.	2.7	52
10	Hydrochemistry, quality and potential health risk appraisal of nitrate enriched groundwater in the Nanchong area, southwestern China. Science of the Total Environment, 2021, 784, 147186.	8.0	96
11	Accessible Phreatic Groundwater Resources in the Central Shijiazhuang of North China Plain: Perspective From the Hydrogeochemical Constraints. Frontiers in Environmental Science, 2021, 9, .	3.3	14
12	Hydrogeochemical constraints on groundwater resource sustainable development in the arid Golmud alluvial fan plain on Tibetan plateau. Environmental Earth Sciences, 2021, 80, 1.	2.7	20
13	Hydrogeochemical appraisal of groundwater quality and health risk in a near-suburb area of North China. Journal of Water Supply: Research and Technology - AQUA, 2020, 69, 55-69.	1.4	37
14	Comprehensive Understanding of Groundwater Geochemistry and Suitability for Sustainable Drinking Purposes in Confined Aquifers of the Wuyi Region, Central North China Plain. Water (Switzerland), 2020, 12, 3052.	2.7	22
15	Investigation of Groundwater Contamination and Health Implications in a Typical Semiarid Basin of North China. Water (Switzerland), 2020, 12, 1137.	2.7	31
16	Origin of brines and modern water circulation contribution to Qarhan salt lake in Qaidam basin, Tibetan plateau. E3S Web of Conferences, 2019, 98, 12025.	0.5	1
17	Geostatistical analysis of hydrochemical variations and nitrate pollution causes of groundwater in an alluvial fan plain. Acta Geophysica, 2019, 67, 1191-1203.	2.0	25
18	Risk Identification and Evaluation of the Long-term Supply of Manganese Mines in China Based on the VW-BGR Method. Sustainability, 2019, 11, 2683.	3.2	6

#	Article	IF	Citations
19	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. International Journal of Environmental Research and Public Health, 2019, 16, 649.	2.6	27
20	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. Sustainability 2019, 11, 2683. Sustainability, 2019, 11, 7081.	3.2	3
21	Groundwater origin, flow regime and geochemical evolution in arid endorheic watersheds: a case study from the Qaidam Basin, northwestern China. Hydrology and Earth System Sciences, 2018, 22, 4381-4400.	4.9	68
22	Numerical Investigation into the Evolution of Groundwater Flow and Solute Transport in the Eastern Qaidam Basin since the Last Glacial Period. Geofluids, 2018, 2018, 1-12.	0.7	9
23	Hydrogeochemical Characterization and Quality Assessment of Groundwater in a Long-Term Reclaimed Water Irrigation Area, North China Plain. Water (Switzerland), 2018, 10, 1209.	2.7	39
24	Parallel Processing Transport Model MT3DMS by Using OpenMP. International Journal of Environmental Research and Public Health, 2018, 15, 1063.	2.6	5
25	Identification of Groundwater Pollution Sources by a SCE-UA Algorithm-Based Simulation/Optimization Model. Water (Switzerland), 2018, 10, 193.	2.7	19
26	Groundwater level response to hydrogeological factors in a semi-arid basin of Beijing, China. Journal of Water Supply: Research and Technology - AQUA, 2017, 66, 266-278.	1.4	11
27	Geostatistics-based spatial variation characteristics of groundwater levels in a wastewater irrigation area, northern China. Water Science and Technology: Water Supply, 2017, 17, 1479-1489.	2.1	7
28	Groundwater circulation and hydrogeochemical evolution in Nomhon of Qaidam Basin, northwest China. Journal of Earth System Science, 2017, 126, 1.	1.3	49
29	Natural and anthropogenic factors affecting the shallow groundwater quality in a typical irrigation area with reclaimed water, North China Plain. Environmental Monitoring and Assessment, 2017, 189, 514.	2.7	29
30	Hydrogeochemistry and Genesis Analysis of Thermal and Mineral Springs in Arxan, Northeastern China. Water (Switzerland), 2017, 9, 61.	2.7	15
31	Investigation of Geochemical Characteristics and Controlling Processes of Groundwater in a Typical Long-Term Reclaimed Water Use Area. Water (Switzerland), 2017, 9, 800.	2.7	35
32	Geostatistical interpolation model selection based on ArcGIS and spatio-temporal variability analysis of groundwater level in piedmont plains, northwest China. SpringerPlus, 2016, 5, 425.	1.2	77
33	Combining river replenishment and restrictions on groundwater pumping to achieve groundwater balance in the Juma River Plain, North China Plain. Frontiers in Earth Science, 0, 10, .	1.8	4