

# Xubo Gao

## List of Publications by Citations

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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.

45  
papers

798  
citations

16  
h-index

27  
g-index

46  
ext. papers

1,097  
ext. citations

5.1  
avg, IF

4.73  
L-index

#	Paper	IF	Citations
45	Hydrogeochemistry of high-fluoride groundwater at Yuncheng Basin, northern China. <i>Science of the Total Environment</i> , <b>2015</b> , 508, 155-65	10.2	94
44	Enrichment of fluoride in groundwater under the impact of saline water intrusion at the salt lake area of Yuncheng basin, northern China. <i>Environmental Geology</i> , <b>2007</b> , 53, 795-803		90
43	Geochemical processes controlling the groundwater chemistry and fluoride contamination in the Yuncheng Basin, China-An area with complex hydrogeochemical conditions. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199087	3.7	63
42	A new model (DRARCH) for assessing groundwater vulnerability to arsenic contamination at basin scale: a case study in Taiyuan basin, northern China. <i>Environmental Geology</i> , <b>2007</b> , 52, 923-932		53
41	Diverse mechanisms drive fluoride enrichment in groundwater in two neighboring sites in northern China. <i>Environmental Pollution</i> , <b>2018</b> , 237, 430-441	9.3	46
40	Geochemical modeling, source apportionment, health risk exposure and control of higher fluoride in groundwater of sub-district Dargai, Pakistan. <i>Chemosphere</i> , <b>2020</b> , 243, 125409	8.4	40
39	Mobility of arsenic in aquifer sediments at Datong Basin, northern China: Effect of bicarbonate and phosphate. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 135, 93-103	3.8	36
38	Impact of anthropogenic activities on the enrichment of fluoride and salinity in groundwater in the Yuncheng Basin constrained by Cl/Br ratio, $\delta^{18}\text{O}$ , $\delta^2\text{H}$ , $\delta^{13}\text{C}$ and $\delta^7\text{Li}$ isotopes. <i>Journal of Hydrology</i> , <b>2019</b> , 579, 124211	6	32
37	Effects of anion competitive adsorption on arsenic enrichment in groundwater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2011</b> , 46, 471-9	2.3	28
36	Evaluation of fluorine release from air deposited coal spoil piles: A case study at Yangquan city, northern China. <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 1-10	10.2	27
35	Fluoride and arsenic hydrogeochemistry of groundwater at Yuncheng basin, Northern China. <i>Geochemistry International</i> , <b>2014</b> , 52, 868-881	0.8	26
34	Review: Characterization, evolution, and environmental issues of karst water systems in Northern China. <i>Hydrogeology Journal</i> , <b>2018</b> , 26, 1371-1385	3.1	23
33	Hydrochemistry and coal mining activity induced karst water quality degradation in the Niangziguan karst water system, China. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 6286-99	5.1	22
32	Trace elements and environmental isotopes as tracers of surface water-groundwater interaction: a case study at Xin'an karst water system, Shanxi Province, Northern China. <i>Environmental Earth Sciences</i> , <b>2010</b> , 59, 1223-1234	2.9	19
31	A review of the distribution, sources, genesis, and environmental concerns of salinity in groundwater. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 41157-41174	5.1	18
30	Occurrence and environmental impact of coal mine goaf water in karst areas in China. <i>Journal of Cleaner Production</i> , <b>2020</b> , 275, 123813	10.3	17
29	Groundwater salinization in shallow aquifers adjacent to a low-altitude inland salt lake: a case study at Yuncheng Basin, northern China. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	14

28	Potentially harmful metals, and health risk evaluation in groundwater of Mardan, Pakistan: Application of geostatistical approach and geographic information system. <i>Geoscience Frontiers</i> , <b>2021</b> , 12, 101128	6	14
27	Indigenous microbes induced fluoride release from aquifer sediments. <i>Environmental Pollution</i> , <b>2019</b> , 252, 580-590	9.3	12
26	Human Activity and Hydrogeochemical Processes Relating to Groundwater Quality Degradation in the Yuncheng Basin, Northern China. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	12
25	Fractionation and speciation of arsenic in fresh and combusted coal wastes from Yangquan, northern China. <i>Environmental Geochemistry and Health</i> , <b>2012</b> , 34, 113-22	4.7	10
24	The Potential Environmental Impact of PAHs on Soil and Water Resources in Air Deposited Coal Refuse Sites in Niangziguan Karst Catchment, Northern China. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	9
23	Assessment of Groundwater Quality at Yuncheng Basin: Denotation for the Water Management in China. <i>Ground Water</i> , <b>2019</b> , 57, 492-503	2.4	9
22	Distribution and assessment of hydrogeochemical processes of F-rich groundwater using PCA model: a case study in the Yuncheng Basin, China. <i>Acta Geochimica</i> , <b>2020</b> , 39, 216-225	2.2	9
21	Fluoride contributes to the shaping of microbial community in high fluoride groundwater in Qiji County, Yuncheng City, China. <i>Scientific Reports</i> , <b>2019</b> , 9, 14488	4.9	8
20	Pore Accessibility and Connectivity of Mineral and Kerogen Phases for Shales <b>2014</b> ,		8
19	Conversion, sorption, and transport of arsenic species in geological media. <i>Applied Geochemistry</i> , <b>2012</b> , 27, 2197-2203	3.5	7
18	Anthropogenic impact assessment of Niangziguan karst water. <i>Water Management</i> , <b>2011</b> , 164, 495-510	1	6
17	Effects of Fe-rich acid mine drainage on percolation features and pore structure in carbonate rocks. <i>Journal of Hydrology</i> , <b>2020</b> , 591, 125571	6	6
16	Potential risk and source distribution of groundwater contamination by mercury in district Swabi, Pakistan: Application of multivariate study. <i>Environment, Development and Sustainability</i> , <b>2021</b> , 23, 2279-2297	4.5	6
15	Hydro-biogeochemical processes of surface water leakage into groundwater in large scale karst water system: A case study at Jinci, northern China. <i>Journal of Hydrology</i> , <b>2021</b> , 596, 125691	6	6
14	Sources and pollution path identification of PAHs in karst aquifers: an example from Liulin karst water system, northern China. <i>Journal of Contaminant Hydrology</i> , <b>2021</b> , 241, 103810	3.9	6
13	Leaching behavior of trace elements in coal spoils from Yangquan coal mine, Northern China. <i>Journal of Earth Science (Wuhan, China)</i> , <b>2016</b> , 27, 891-900	2.2	5
12	Geochemical modeling, fate distribution, and risk exposure of potentially toxic metals in the surface sediment of the Shyok suture zone, northern Pakistan. <i>International Journal of Sediment Research</i> , <b>2021</b> , 36, 656-667	3	5
11	The occurrence of geogenic fluoride in shallow aquifers of Kenya Rift Valley and its implications in groundwater management. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 229, 113046	7	4

10	Geochemical Modeling Source Provenance, Public Health Exposure, and Evaluating Potentially Harmful Elements in Groundwater: Statistical and Human Health Risk Assessment (HHRA). <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 6472	4.6	2
9	Hydrogeochemistry of high-fluoride saline groundwater in the Yuncheng Basin, northern China. <i>E3S Web of Conferences</i> , <b>2019</b> , 98, 01031	0.5	1
8	Roles of aqueous Fe(III) in oxidation of partially reduced nontronite under sub-acidic conditions. <i>Applied Clay Science</i> , <b>2020</b> , 195, 105689	5.2	1
7	Assessment of shallow aquifer vulnerability to fluoride contamination using modified AHP-DRASTIC model as a tool for effective groundwater management, a case study in Yuncheng Basin, China. <i>Chemosphere</i> , <b>2022</b> , 286, 131601	8.4	1
6	Groundwater fluoride and arsenic mobilization in a typical deep aquifer system within a semi-arid basin. <i>Journal of Hydrology</i> , <b>2022</b> , 609, 127767	6	1
5	Aggregation of varied organic coated magnetite nanoparticles: Adsorbed mass and thickness of coatings and interactions with natural organic matter.. <i>Science of the Total Environment</i> , <b>2022</b> , 154976	10.2	1
4	Occurrence and behavior of arsenic in groundwater-aquifer system of irrigated areas.. <i>Science of the Total Environment</i> , <b>2022</b> , 155991	10.2	0
3	Electroplating wastewater treatment technology by river sands. <i>Diqiu Huaxue</i> , <b>2006</b> , 25, 93-93		
2	Characteristics of Streamflow Infiltration in the Piedmont Plain of Hebei Province, China <b>2009</b> , 263-268		
1	Spatial and Temporal Evolution of Groundwater Chemistry of Baotu Karst Water System at Northern China. <i>Minerals (Basel, Switzerland)</i> , <b>2022</b> , 12, 348	2.4	