

# Fei Liu

## List of Publications by Year in descending order

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16  
papers

323  
citations

1040056

9  
h-index

996975

15  
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16  
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16  
docs citations

16  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of anthropogenic and natural factors in shaping the geochemical evolution of groundwater in the Subei Lake basin, Ordos energy base, Northwestern China. <i>Science of the Total Environment</i> , 2015, 538, 327-340.	8.0	102
2	Coupling hydrochemistry and stable isotopes to identify the major factors affecting groundwater geochemical evolution in the Heilongdong Spring Basin, North China. <i>Journal of Geochemical Exploration</i> , 2019, 205, 106352.	3.2	43
3	Using multivariate statistical techniques and geochemical modelling to identify factors controlling the evolution of groundwater chemistry in a typical transitional area between Taihang Mountains and North China Plain. <i>Hydrological Processes</i> , 2020, 34, 1888-1905.	2.6	43
4	Geochemical characterization of shallow groundwater using multivariate statistical analysis and geochemical modeling in an irrigated region along the upper Yellow River, Northwestern China. <i>Journal of Geochemical Exploration</i> , 2020, 215, 106565.	3.2	39
5	Characterization of basin-scale aquifer heterogeneity using transient hydraulic tomography with aquifer responses induced by groundwater exploitation reduction. <i>Journal of Hydrology</i> , 2020, 588, 125137.	5.4	18
6	Factors controlling groundwater chemical evolution with the impact of reduced exploitation. <i>Catena</i> , 2022, 214, 106261.	5.0	14
7	Potential of Hydraulic Tomography in Identifying Boundary Conditions of Groundwater Basins. <i>Water Resources Research</i> , 2020, 56, e2020WR028331.	4.2	13
8	Groundwater quality assessment and health risks from nitrate contamination in the Heilongdong Spring Basin, a typical headwater basin of the North China Plain. <i>Environmental Science and Pollution Research</i> , 2022, 29, 17655-17670.	5.3	12
9	Predicting the impact of heavy groundwater pumping on groundwater and ecological environment in the Subei Lake basin, Ordos energy base, Northwestern China. <i>Hydrology Research</i> , 2018, 49, 1156-1171.	2.7	11
10	Phreatic Water Quality Assessment and Associated Hydrogeochemical Processes in an Irrigated Region Along the Upper Yellow River, Northwestern China. <i>Water (Switzerland)</i> , 2020, 12, 463.	2.7	11
11	Aquifer Characterization Using Fiber Bragg Grating Multi-level Monitoring System. <i>Ground Water</i> , 2022, 60, 518-529.	1.3	5
12	Insights from stable isotopes of water and hydrochemistry to the evolutionary processes of groundwater in the Subei lake basin, Ordos energy base, Northwestern China. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 438-458.	1.0	4
13	Identifying the impact of Energy Base Water Project on groundwater using high-frequency monitoring data in the Subei Lake basin, Ordos, Northwestern China. <i>Hydrology Research</i> , 2017, 48, 160-176.	2.7	3
14	A Pragmatic System to Support Virtual Assembly for Military Armored Vehicle Integrated Transmission System in the Virtual Environment. <i>Wireless Personal Communications</i> , 2018, 102, 1337-1354.	2.7	3
15	Estimation of design precipitation in Beijing-Tianjin-Hebei region under a changing climate. <i>Hydrological Sciences Journal</i> , 2022, 67, 1722-1739.	2.6	2
16	Temporal sampling and role of flux measurements for subsurface heterogeneous characterization in groundwater basins using hydraulic tomography. <i>Hydrological Processes</i> , 2021, 35, e14299.	2.6	0