

# Yilian Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4403055/publications.pdf>

Version: 2024-02-01

30  
papers

611  
citations

687363

13  
h-index

610901

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

695  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2007, 53, 795-803.	1.2	111
2	Hydrogeochemical characteristics of central Jiangnan Plain, China. <i>Environmental Earth Sciences</i> , 2013, 68, 765-778.	2.7	67
3	Vulnerability of groundwater in Quaternary aquifers to organic contaminants: a case study in Wuhan City, China. <i>Environmental Geology</i> , 2007, 53, 479-484.	1.2	64
4	Impact of climate change on irrigation requirements in terms of groundwater resources. <i>Hydrogeology Journal</i> , 2010, 18, 1571-1582.	2.1	45
5	Modeling and Optimization of New Flocculant Dosage and pH for Flocculation: Removal of Pollutants from Wastewater. <i>Water (Switzerland)</i> , 2013, 5, 342-355.	2.7	35
6	Removal of uranium from aqueous solution using montmorillonite-supported nanoscale zero-valent iron. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 329-336.	1.5	35
7	Modeling of fate and transport of coinjection of H <sub>2</sub> S with CO <sub>2</sub> in deep saline formations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
8	Illite-supported nanoscale zero-valent iron for removal of <sup>238</sup> U from aqueous solution: characterization, reactivity and mechanism. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 859-865.	1.5	25
9	CO <sub>2</sub> sequestration with enhanced shale gas recovery. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 3227-3237.	2.3	18
10	Efficiently Visible-Light Driven Photoelectrocatalytic Oxidation of As(III) at Low Positive Biasing Using Pt/TiO <sub>2</sub> Nanotube Electrode. <i>Nanoscale Research Letters</i> , 2016, 11, 32.	5.7	17
11	Exhaustive brine production and complete CO <sub>2</sub> storage in Jiangnan Basin of China. <i>Environmental Earth Sciences</i> , 2014, 72, 1541-1553.	2.7	16
12	Reactive transport modeling of long-term CO <sub>2</sub> sequestration mechanisms at the Shenhua CCS demonstration project, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 457-472.	3.2	16
13	Numerical Investigation into the Impact of CO <sub>2</sub> -Water-Rock Interactions on CO <sub>2</sub> Injectivity at the Shenhua CCS Demonstration Project, China. <i>Geofluids</i> , 2017, 2017, 1-17.	0.7	15
14	Characteristic and mechanism of sorption and desorption of benzene on humic acid. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20277-20285.	5.3	15
15	Evaluation of CO <sub>2</sub> Storage in a Shale Gas Reservoir Compared to a Deep Saline Aquifer in the Ordos Basin of China. <i>Energies</i> , 2020, 13, 3397.	3.1	13
16	Water-leaching characteristic of valuable trace metals (U, V, and Ga) from (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -treated coal ash: A coprecipitation behavior at high temperature. <i>Journal of Hazardous Materials</i> , 2020, 388, 122113.	12.4	13
17	A quantitative evaluation of uranium mobility and potential environment risk in coal ash with SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -CaO system. <i>Journal of Hazardous Materials</i> , 2020, 381, 120977.	12.4	12
18	Simulation and analysis of lithology heterogeneity on CO <sub>2</sub> geological sequestration in deep saline aquifer: a case study of the Ordos Basin. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	11

#	ARTICLE	IF	CITATIONS
19	Adsorption and desorption of uranium(VI) onto humic acids derived from uranium-enriched lignites. <i>Water Science and Technology</i> , 2018, 77, 920-930.	2.5	9
20	Cysteine enhanced degradation of monochlorobenzene in groundwater by ferrous iron/persulfate process: Impacts of matrix species and toxicity evaluation in ISCO. <i>Chemosphere</i> , 2021, 271, 129520.	8.2	8
21	Simulation and Analysis of Long-Term CO <sub>2</sub> Trapping for the Shenhua CCS Demonstration Project in the Ordos Basin. <i>Geofluids</i> , 2017, 2017, 1-18.	0.7	7
22	Numerical investigation of the influence of interaction between wellbore flow and lateral reservoir flow on CO <sub>2</sub> geological sequestration. <i>Environmental Earth Sciences</i> , 2015, 74, 715-726.	2.7	6
23	Removal of soluble uranium by illite supported nanoscale zero-valent iron: electron transfer processes and incorporation mechanisms. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 581-593.	1.5	6
24	Assessing the chromium mobility in ashes through SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> -CaO system: The role of composition. <i>Chemosphere</i> , 2020, 257, 127112.	8.2	6
25	Study on adsorption of phosphate from aqueous solution by zirconium modified coal gasification coarse slag. <i>RSC Advances</i> , 2022, 12, 17147-17157.	3.6	5
26	Experimental and Numerical Studies on Oxidation-Acidification Interactions that Dominate Shale Stimulation with Persulfate. <i>Energy &amp; Fuels</i> , 2022, 36, 5784-5796.	5.1	4
27	Identification of the Chromate Sorption Mechanism Conversions in a Quartz-Montmorillonite-Ferrihydrite System. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 90-99.	2.7	3
28	Effects of feldspar and salinity on the mineral sequestration capacity of CO <sub>2</sub> in high-salinity aquifers. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	1
29	The study of the experimental model of adsorption on clay minerals of trivalence arsenic in groundwater. <i>Diqiu Huaxue</i> , 2006, 25, 119-119.	0.5	0
30	Immobilization of mercury in tailings originating from the historical artisanal and small-scale gold mining using sodium polysulfide. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	0