

# Rong Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2028001/publications.pdf>

Version: 2024-02-01

14  
papers

296  
citations

1163117

8  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified parameter model based on machine learning for describing microbial transport in porous media. <i>Science of the Total Environment</i> , 2022, 845, 157216.	8.0	1
2	Effects of flow-interruption on the bacteria transport behavior in porous media. <i>Journal of Hydrology</i> , 2021, 595, 125677.	5.4	7
3	Evaluation of a Data-Driven, Machine Learning Approach for Identifying Potential Candidates for Environmental Catalysts: From Database Development to Prediction. <i>ACS ES&amp;T Engineering</i> , 2021, 1, 1246-1257.	7.6	8
4	Coupled dynamics of As-containing ferrihydrite transformation and As desorption/re-adsorption in presence of sulfide. <i>Journal of Hazardous Materials</i> , 2020, 384, 121287.	12.4	25
5	Impact of Physico-Chemical Heterogeneity on Arsenic Sorption and Reactive Transport under Water Extraction. <i>Environmental Science &amp; Technology</i> , 2020, 54, 14974-14983.	10.0	8
6	The scaling of mineral dissolution rates under complex flow conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 274, 63-78.	3.9	3
7	Nitrate bioreduction dynamics in hyporheic zone sediments under cyclic changes of chemical compositions. <i>Journal of Hydrology</i> , 2020, 585, 124836.	5.4	3
8	Transport and retention of <i>Shewanella oneidensis</i> strain MR1 in water-saturated porous media with different grain-surface properties. <i>Chemosphere</i> , 2019, 233, 57-66.	8.2	11
9	Pore-scale visualization on a depressurization-induced CO <sub>2</sub> exsolution. <i>Science Bulletin</i> , 2017, 62, 795-803.	9.0	24
10	Experimental Investigation of Silica-Based Nanofluid Enhanced Oil Recovery: The Effect of Wettability Alteration. <i>Energy &amp; Fuels</i> , 2017, 31, 188-197.	5.1	83
11	Effect of Mineral Dissolution/Precipitation and CO <sub>2</sub> Exsolution on CO <sub>2</sub> transport in Geological Carbon Storage. <i>Accounts of Chemical Research</i> , 2017, 50, 2056-2066.	15.6	57
12	Experimental Investigation on the Behavior of Supercritical CO <sub>2</sub> during Reservoir Depressurization. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8869-8876.	10.0	15
13	CO <sub>2</sub> Exsolution from CO <sub>2</sub> Saturated Water: Core-Scale Experiments and Focus on Impacts of Pressure Variations. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14696-14703.	10.0	11
14	Two-phase flow properties of a sandstone rock for the CO <sub>2</sub> /water system: Coreflooding experiments, and focus on impacts of mineralogical changes. <i>Water Resources Research</i> , 2015, 51, 2885-2900.	4.2	40