

Rong Li

List of Publications by Year in descending order

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14
papers

296
citations

1163117

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14
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation of Silica-Based Nanofluid Enhanced Oil Recovery: The Effect of Wettability Alteration. <i>Energy & Fuels</i> , 2017, 31, 188-197.	5.1	83
2	Effect of Mineral Dissolution/Precipitation and CO ₂ Exsolution on CO ₂ transport in Geological Carbon Storage. <i>Accounts of Chemical Research</i> , 2017, 50, 2056-2066.	15.6	57
3	Two-phase flow properties of a sandstone rock for the CO ₂ /water system: Coreflooding experiments, and focus on impacts of mineralogical changes. <i>Water Resources Research</i> , 2015, 51, 2885-2900.	4.2	40
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	Pore-scale visualization on a depressurization-induced CO ₂ exsolution. <i>Science Bulletin</i> , 2017, 62, 795-803.	9.0	24
6	Experimental Investigation on the Behavior of Supercritical CO ₂ during Reservoir Depressurization. <i>Environmental Science & Technology</i> , 2017, 51, 8869-8876.	10.0	15
7	CO ₂ Exsolution from CO ₂ Saturated Water: Core-Scale Experiments and Focus on Impacts of Pressure Variations. <i>Environmental Science & Technology</i> , 2015, 49, 14696-14703.	10.0	11
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	Impact of Physico-Chemical Heterogeneity on Arsenic Sorption and Reactive Transport under Water Extraction. <i>Environmental Science & Technology</i> , 2020, 54, 14974-14983.	10.0	8
10	Evaluation of a Data-Driven, Machine Learning Approach for Identifying Potential Candidates for Environmental Catalysts: From Database Development to Prediction. <i>ACS ES&T Engineering</i> , 2021, 1, 1246-1257.	7.6	8
11	Effects of flow-interruption on the bacteria transport behavior in porous media. <i>Journal of Hydrology</i> , 2021, 595, 125677.	5.4	7
12	The scaling of mineral dissolution rates under complex flow conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 274, 63-78.	3.9	3
13	Nitrate bioreduction dynamics in hyporheic zone sediments under cyclic changes of chemical compositions. <i>Journal of Hydrology</i> , 2020, 585, 124836.	5.4	3
14	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