

Megan M Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10636519/publications.pdf>

Version: 2024-02-01

15
papers

564
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ -induced dissolution of low permeability carbonates. Part I: Characterization and experiments. <i>Advances in Water Resources</i> , 2013, 62, 370-387.	3.8	148
2	Evaporite Caprock Integrity: An Experimental Study of Reactive Mineralogy and Pore-Scale Heterogeneity during Brine-CO ₂ Exposure. <i>Environmental Science & Technology</i> , 2013, 47, 262-268.	10.0	91
3	Compatibility of Polymers and Chemical Oxidants for Enhanced Groundwater Remediation. <i>Environmental Science & Technology</i> , 2008, 42, 9296-9301.	10.0	58
4	Kinetics of chlorite dissolution at elevated temperatures and CO ₂ conditions. <i>Chemical Geology</i> , 2013, 347, 1-8.	3.3	56
5	The effect of system variables on in situ sweep-efficiency improvements via viscosity modification. <i>Journal of Contaminant Hydrology</i> , 2012, 136-137, 117-130.	3.3	42
6	Characterization of flow and transport in a fracture network at the EGS Collab field experiment through stochastic modeling of tracer recovery. <i>Journal of Hydrology</i> , 2021, 593, 125888.	5.4	29
7	Close Observation of Hydraulic Fracturing at EGS Collab Experiment 1: Fracture Trajectory, Microseismic Interpretations, and the Role of Natural Fractures. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020840.	3.4	28
8	Muscovite dissolution kinetics as a function of pH at elevated temperature. <i>Chemical Geology</i> , 2017, 466, 149-158.	3.3	27
9	Illite dissolution kinetics from 100 to 280 °C and pH 3 to 9. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 209, 9-23.	3.9	22
10	Multiscale modeling of CO ₂ -induced carbonate dissolution: From core to meter scale. <i>International Journal of Greenhouse Gas Control</i> , 2019, 88, 272-289.	4.6	19
11	Chlorite dissolution kinetics at pH 3-10 and temperature to 275 °C. <i>Chemical Geology</i> , 2016, 421, 55-64.	3.3	16
12	Calibration of NMR porosity to estimate permeability in carbonate reservoirs. <i>International Journal of Greenhouse Gas Control</i> , 2019, 87, 19-26.	4.6	13
13	Experiments and modeling of variably permeable carbonate reservoir samples in contact with CO ₂ -acidified brines. <i>Energy Procedia</i> , 2014, 63, 3126-3137.	1.8	10
14	Calibration of NMR well logs from carbonate reservoirs with laboratory NMR measurements and ¹³ C NMR. <i>Energy Procedia</i> , 2014, 63, 3089-3096.	1.8	3
15	Validation of a reactive transport model for predicting changes in porosity and permeability in carbonate core samples. <i>International Journal of Greenhouse Gas Control</i> , 2019, 90, 102797.	4.6	2