

# Megan M Smith

## List of Publications by Year in descending order

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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	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
2	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
3	Multiscale modeling of CO <sub>2</sub> -induced carbonate dissolution: From core to meter scale. <i>International Journal of Greenhouse Gas Control</i> , 2019, 88, 272-289.	4.6	19
4	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
5	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
6	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
7	Muscovite dissolution kinetics as a function of pH at elevated temperature. <i>Chemical Geology</i> , 2017, 466, 149-158.	3.3	27
8	Chlorite dissolution kinetics at pH 3-10 and temperature to 275 °C. <i>Chemical Geology</i> , 2016, 421, 55-64.	3.3	16
9	Experiments and modeling of variably permeable carbonate reservoir samples in contact with CO <sub>2</sub> -acidified brines. <i>Energy Procedia</i> , 2014, 63, 3126-3137.	1.8	10
10	Calibration of NMR well logs from carbonate reservoirs with laboratory NMR measurements and <sup>13</sup> C NMR. <i>Energy Procedia</i> , 2014, 63, 3089-3096.	1.8	3
11	CO <sub>2</sub> -induced dissolution of low permeability carbonates. Part I: Characterization and experiments. <i>Advances in Water Resources</i> , 2013, 62, 370-387.	3.8	148
12	Kinetics of chlorite dissolution at elevated temperatures and CO <sub>2</sub> conditions. <i>Chemical Geology</i> , 2013, 347, 1-8.	3.3	56
13	Evaporite Caprock Integrity: An Experimental Study of Reactive Mineralogy and Pore-Scale Heterogeneity during Brine-CO <sub>2</sub> Exposure. <i>Environmental Science &amp; Technology</i> , 2013, 47, 262-268.	10.0	91
14	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
15	Compatibility of Polymers and Chemical Oxidants for Enhanced Groundwater Remediation. <i>Environmental Science &amp; Technology</i> , 2008, 42, 9296-9301.	10.0	58