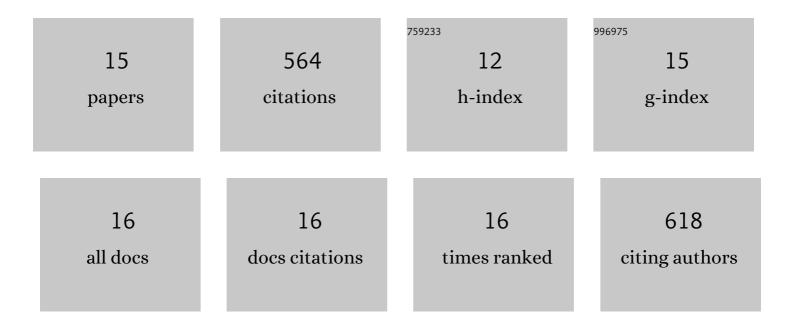
## Megan M Smith

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10636519/publications.pdf Version: 2024-02-01



MECAN M SMITH

#	Article	IF	CITATIONS
1	Characterization of flow and transport in a fracture network at the ECS Collab field experiment through stochastic modeling of tracer recovery. Journal of Hydrology, 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. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020840.	3.4	28
3	Multiscale modeling of CO2-induced carbonate dissolution: From core to meter scale. International Journal of Greenhouse Gas Control, 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. International Journal of Greenhouse Gas Control, 2019, 90, 102797.	4.6	2
5	Calibration of NMR porosity to estimate permeability in carbonate reservoirs. International Journal of Greenhouse Gas Control, 2019, 87, 19-26.	4.6	13
6	lllite dissolution kinetics from 100 to 280 °C and pH 3 to 9. Geochimica Et Cosmochimica Acta, 2017, 209, 9-23.	3.9	22
7	Muscovite dissolution kinetics as a function of pH at elevated temperature. Chemical Geology, 2017, 466, 149-158.	3.3	27
8	Chlorite dissolution kinetics at pH 3–10 and temperature to 275 °C. Chemical Geology, 2016, 421, 55-64.	3.3	16
9	Experiments and modeling of variably permeable carbonate reservoir samples in contact with CO2-acidified brines. Energy Procedia, 2014, 63, 3126-3137.	1.8	10
10	Calibration of NMR well logs from carbonate reservoirs with laboratory NMR measurements and μXRCT. Energy Procedia, 2014, 63, 3089-3096.	1.8	3
11	CO2-induced dissolution of low permeability carbonates. Part I: Characterization and experiments. Advances in Water Resources, 2013, 62, 370-387.	3.8	148
12	Kinetics of chlorite dissolution at elevated temperatures and CO2 conditions. Chemical Geology, 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. Environmental Science & Technology, 2013, 47, 262-268.	10.0	91
14	The effect of system variables on in situ sweep-efficiency improvements via viscosity modification. Journal of Contaminant Hydrology, 2012, 136-137, 117-130.	3.3	42
15	Compatibility of Polymers and Chemical Oxidants for Enhanced Groundwater Remediation. Environmental Science & Technology, 2008, 42, 9296-9301.	10.0	58