

Matthias Halisch

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

279
citations

1163065

8
h-index

1058452

14
g-index

18
all docs

18
docs citations

18
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Disaggregation bands as an indicator for slow creep activity on blind faults. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	6
2	Benchmark study using a multi-scale, multi-methodological approach for the petrophysical characterization of reservoir sandstones. <i>Solid Earth</i> , 2021, 12, 665-689.	2.8	3
3	Toward a better understanding of low-frequency electrical relaxation – An enhanced pore space characterization. <i>Geophysics</i> , 2020, 85, MR257-MR270.	2.6	15
4	Laboratory core investigations of sandstone-hosted uranium for <i>in situ</i> recovery. <i>Applied Earth Science: Transactions of the Institute of Mining and Metallurgy</i> , 2020, 129, 27-40.	1.0	2
5	Enhanced pore space analysis by use of μ CT, MIP, NMR, and SIP. <i>Solid Earth</i> , 2018, 9, 1225-1238.	2.8	13
6	Low-Frequency Electrical Conductivity of Aqueous Kaolinite Suspensions II: Counterion Effects and Estimating Stern Layer Mobilities of Counterions. <i>Clays and Clay Minerals</i> , 2018, 66, 86-95.	1.3	1
7	Fractal dimensions of pore spaces in unconventional reservoir rocks using X-ray nano- and micro-computed tomography. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 55, 298-311.	4.4	66
8	Simulation of membrane polarization of porous media with impedance networks. <i>Near Surface Geophysics</i> , 2017, 15, 563-578.	1.2	6
9	Pore-scale tomography and imaging: applications, techniques and recommended practice. <i>Solid Earth</i> , 2016, 7, 1141-1143.	2.8	11
10	X-ray computed tomography investigation of structures in Opalinus Clay from large-scale to small-scale after mechanical testing. <i>Solid Earth</i> , 2016, 7, 1171-1183.	2.8	20
11	Classification and quantification of pore shapes in sandstone reservoir rocks with 3-D X-ray micro-computed tomography. <i>Solid Earth</i> , 2016, 7, 285-300.	2.8	83
12	Development of a numerical workflow based on μ CT imaging for the determination of capillary pressure–saturation-specific interfacial area relationship in 2-phase flow pore-scale porous-media systems: a case study on Heletz sandstone. <i>Solid Earth</i> , 2016, 7, 727-739.	2.8	9
13	Induced polarization and pore radius – A discussion. <i>Geophysics</i> , 2016, 81, D519-D526.	2.6	25
14	An integrated core-based analysis for the characterization of flow, transport and mineralogical parameters of the Heletz pilot CO ₂ storage site reservoir. <i>International Journal of Greenhouse Gas Control</i> , 2016, 48, 24-43.	4.6	14