Kouqi

List of Publications by Year
in descending order

28	1,129	430874 18	552781 26
papers	citations	h-index	g-index

28	28	28	899
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microstructural analysis of organic matter in shale by SAXS and WAXS methods. Petroleum Science, 2022, 19, 979-989.	4.9	6
2	Integrating advanced soft computing techniques with experimental studies for pore structure analysis of Qingshankou shale in Southern Songliao Basin, NE China. International Journal of Coal Geology, 2022, 257, 103998.	5.0	20
3	Experimental Investigation of Solid Organic Matter with a 2D NMR T₁â€“T₂ Map. Energy & Fuels, 2021, 35, 15709-15720.	5.1	4
4	Compositional controls on nanopore structure in different shale lithofacies: A comparison with pure clays and isolated kerogens. Fuel, 2021, 303, 121079.	6.4	37
5	Comparison of fractal dimensions from nitrogen adsorption data in shale via different models. RSC Advances, 2021, 11, 2298-2306.	3.6	25
6	Determination of Clay Bound Water in Shales from NMR Signals: The Fractal Theory. Energy & Fuels, 2021, 35, 18406-18413.	5.1	8
7	Pore-Scale Study of the Wetting Behavior in Shale, Isolated Kerogen, and Pure Clay. Energy & Fuels, 2021, 35, 18459-18466.	5.1	7
8	A comparison study of the unloading behavior in shale samples in nanoindentation experiments using different models. Journal of Petroleum Science and Engineering, 2020, 186, 106715.	4.2	13
9	Adsorption based realistic molecular model of amorphous kerogen. RSC Advances, 2020, 10, 23312-23320.	3.6	14
10	Fractal and Multifractal Characteristics of Pore Throats in the Bakken Shale. Transport in Porous Media, 2019, 126, 579-598.	2.6	34
11	Impact of Composition on Pore Structure Properties in Shale: Implications for Micro-/Mesopore Volume and Surface Area Prediction. Energy & Fuels, 2019, 33, 9619-9628.	5.1	37
12	Experimental Study on the Impact of Thermal Maturity on Shale Microstructures Using Hydrous Pyrolysis. Energy & Fuels, 2019, 33, 9702-9719.	5.1	25
13	Investigation of Properties Alternation during Super-Critical CO2 Injection in Shale. Applied Sciences (Switzerland), 2019, 9, 1686.	2.5	17
14	A comprehensive pore structure study of the Bakken Shale with SANS, N2 adsorption and mercury intrusion. Fuel, 2019, 245, 274-285.	6.4	106
15	Nanopore structure comparison between shale oil and shale gas: examples from the Bakken and Longmaxi Formations. Petroleum Science, 2019, 16, 77-93.	4.9	42
16	Image analysis of the pore structures: An intensive study for Middle Bakken. Journal of Natural Gas Science and Engineering, 2019, 61, 32-45.	4.4	13
17	Multifractal Characteristics of MIP-Based Pore Size Distribution of 3D-Printed Powder-Based Rocks: A Study of Post-Processing Effect. Transport in Porous Media, 2019, 129, 599-618.	2.6	21
18	Characterization of geochemical properties and microstructures of the Bakken Shale in North Dakota. International Journal of Coal Geology, 2018, 190, 84-98.	5.0	30

#	Article	IF	Citations
19	Nano-dynamic mechanical analysis (nano-DMA) of creep behavior of shales: Bakken case study. Journal of Materials Science, 2018, 53, 4417-4432.	3.7	47
20	Statistical grid nanoindentation analysis to estimate macro-mechanical properties of the Bakken Shale. Journal of Natural Gas Science and Engineering, 2018, 53, 181-190.	4.4	69
21	Multifractal analysis of gas adsorption isotherms for pore structure characterization of the Bakken Shale. Fuel, 2018, 219, 296-311.	6.4	84
22	Nanopore structures of isolated kerogen and bulk shale in Bakken Formation. Fuel, 2018, 226, 441-453.	6.4	52
23	Multifractal characteristics of Longmaxi Shale pore structures by N2 adsorption: A model comparison. Journal of Petroleum Science and Engineering, 2018, 168, 330-341.	4.2	55
24	Multi-scale fractal analysis of pores in shale rocks. Journal of Applied Geophysics, 2017, 140, 1-10.	2.1	56
25	Effect of Temperature on Methane Adsorption in Shale Gas Reservoirs. Energy & Fuels, 2017, 31, 12081-12092.	5.1	78
26	Nanoscale pore structure characterization of the Bakken shale in the USA. Fuel, 2017, 209, 567-578.	6.4	221
27	Potential Application of Atomic Force Microscopy in Characterization of Nano-pore Structures of Bakken Formation. , 2016, , .		5
28	Proper Experimental Parameters in N2 Adsorption: The Effects of Data Points and Equilibrium Interval Time. Energy & Fuels, 0, , .	5.1	3