Yang Wang

List of Publications by Year
in descending order

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21 papers	1,084 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	825 citing authors

#	Article	IF	Citations
1	Structural deformation and its pore-fracture system response of the Wufeng-Longmaxi shale in the Northeast Chongqing area, using FE-SEM, gas adsorption, and SAXS. Journal of Petroleum Science and Engineering, 2022, 209, 109877.	4.2	10
2	Influence of Pore Structure Particularity and Pore Water on the Occurrence of Deep Shale Gas: Wufengâ€“Longmaxi Formation, Luzhou Block, Sichuan Basin. Natural Resources Research, 2022, 31, 1403-1423.	4.7	16
3	Effects of Rapid Igneous Intrusion Heating on the Geochemistry, Petrography, and Microcrystalline Structure of Coals from Huainan, China. ACS Omega, 2022, 7, 15439-15450.	3.5	7
4	The Chemical and Alignment Structural Properties of Coal: Insights from Raman, Solid-State ¹³C NMR, XRD, and HRTEM Techniques. ACS Omega, 2021, 6, 11266-11279.	3.5	17
5	Evolution Mechanism of Material Compositionâ€“Pore Structureâ€“Adsorption Property in Marine Shale Based on Pyrolysis Experiments: A Typical Case of the Mesoproterozoic Xiamaling Formation. Energy & Fuels, 2021, 35, 1090-1103.	5.1	3
6	Chemical Structure Transformations in Kerogen from Longmaxi Shales in Response to Tectonic Stress as Investigated by HRTEM, FTIR, and ¹³C NMR. Energy & Fuels, 2021, 35, 19496-19506.	5.1	5
7	SANS coupled with fluid invasion approaches for characterization of overall nanopore structure and mesopore connectivity of organic-rich marine shales in China. International Journal of Coal Geology, 2020, 217, 103343.	5.0	20
8	Characterization of methane adsorption on shale of a complex tectonic area in Northeast Guizhou, China: Experimental results and geological significance. Journal of Natural Gas Science and Engineering, 2020, 84, 103676.	4.4	15
9	Supercritical Methane Adsorption on Shale over Wide Pressure and Temperature Ranges: Implications for Gas-in-Place Estimation. Energy & Fuels, 2020, 34, 3121-3134.	5.1	49
10	Molecular Dynamics Simulation of Diffusion Behavior of CH4, CO2, and N2 in Mid-Rank Coal Vitrinite. Energies, 2019, 12, 3744.	3.1	13
11	Supercritical Methane Adsorption on Overmature Shale: Effect of Pore Structure and Fractal Characteristics. Energy & Fuels, 2019, 33, 8323-8337.	5.1	25
12	Comparative study of nanoscale pore structure of <scp>L</scp>ower <scp>P</scp>alaeozoic marine shales in the <scp>M</scp>iddleâ€“<scp>U</scp>pper <scp>Y</scp>angtze area, China: <scp>I</scp>mplications for gas production potential. Geological Journal, 2018, 53, 2413-2426.	1.3	9
13	Evaluation of Nanoscale Accessible Pore Structures for Improved Prediction of Gas Production Potential in Chinese Marine Shales. Energy & Fuels, 2018, 32, 12447-12461.	5.1	24
14	Molecular structure controls on micropore evolution in coal vitrinite during coalification. International Journal of Coal Geology, 2018, 199, 19-30.	5.0	79
15	Evaluation of Spatial Alignment of Kerogen in Shale Using High-Resolution Transmission Electron Microscopy, Raman Spectroscopy, and Fourier Transform Infrared. Energy & Fuels, 2018, 32, 10616-10627.	5.1	29
16	Ultra micropores in macromolecular structure of subbituminous coal vitrinite. Fuel, 2017, 210, 298-306.	6.4	67
17	Fractal evolution under in situ pressure and sorption conditions for coal and shale. Scientific Reports, 2017, 7, 8971.	3.3	40
18	Pore characterization and its impact on methane adsorption capacity for organic-rich marine shales. Fuel, 2016, 181, 227-237.	6.4	219

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19	Methane adsorption measurements and modeling for organic-rich marine shale samples. Fuel, 2016, 172, 301-309.	6.4	113
20	Molecular simulation of methane adsorption in shale based on grand canonical Monte Carlo method and pore size distribution. Journal of Natural Gas Science and Engineering, 2016, 30, 119-126.	4.4	86
21	Characteristics of the Nanoscale Pore Structure in Northwestern Hunan Shale Gas Reservoirs Using Field Emission Scanning Electron Microscopy, High-Pressure Mercury Intrusion, and Gas Adsorption. Energy & Fuels, 2014, 28, 945-955.	5.1	238