Junqian Li

List of Publications by Year
in descending order

36	1,969	331670 21	345221 36
papers	citations	h-index	g-index

36	36	36	1335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of gas-in-place content and gas-adsorbed ratio using carbon isotope fractionation model: A case study from Longmaxi shales in Sichuan Basin, China. International Journal of Coal Geology, 2022, 249, 103881.	5.0	35
2	Coupling Relationship between Lithofacies and Brittleness of the Shale Oil Reservoir: A Case Study of the Shahejie Formation in the Raoyang Sag. Geofluids, 2022, 2022, 1-17.	0.7	6
3	Multi-scale pore structure characterization of lacustrine shale and its coupling relationship with material composition: An integrated study of multiple experiments. Marine and Petroleum Geology, 2022, 140, 105648.	3.3	30
4	Research Progress of Microscopic Poreâ€“Throat Classification and Grading Evaluation of Shale Reservoirs: A Minireview. Energy & Fuels, 2022, 36, 4677-4690.	5.1	6
5	Geochemical modeling of carbon isotope fractionation during methane transport in tight sedimentary rocks. Chemical Geology, 2021, 566, 120033.	3.3	32
6	Classification Evaluation of Gas Shales Based on High-Pressure Mercury Injection: A Case Study on Wufeng and Longmaxi Formations in Southeast Sichuan, China. Energy & Fuels, 2021, 35, 9382-9395.	5.1	9
7	Impacts of gas pressure on carbon isotope fractionation during methane degassingâ€”An experimental study on shales from Wufeng and Longmaxi Formations in southeast Sichuan, China. Marine and Petroleum Geology, 2021, 128, 105001.	3.3	14
8	Pore Structure and Fractal Character of Lacustrine Oil-Bearing Shale from the Dongying Sag, Bohai Bay Basin, China. Geofluids, 2021, 2021, 1-19.	0.7	4
9	Development of adsorption ratio equation and state equation of liquid and their geological signiï¬cance. Capillarity, 2021, 4, 63-65.	2.2	8
10	Estimation of gas-in-place content in coal and shale reservoirs: A process analysis method and its preliminary application. Fuel, 2020, 259, 116266.	6.4	61
11	Broad ion beam-scanning electron microscopy pore microstructure and multifractal characterization of shale oil reservoir: A case sample from Dongying Sag, Bohai Bay Basin, China. Energy Exploration and Exploitation, 2020, 38, 613-628.	2.3	21
12	1D and 2D Nuclear magnetic resonance (NMR) relaxation behaviors of protons in clay, kerogen and oil-bearing shale rocks. Marine and Petroleum Geology, 2020, 114, 104210.	3.3	89
13	Carbon isotope fractionation during shale gas transport: Mechanism, characterization and significance. Science China Earth Sciences, 2020, 63, 674-689.	5.2	34
14	Microdistribution and mobility of water in gas shale: A theoretical and experimental study. Marine and Petroleum Geology, 2019, 102, 496-507.	3.3	76
15	Characterization of pore size distributions of shale oil reservoirs: A case study from Dongying sag, Bohai Bay basin, China. Marine and Petroleum Geology, 2019, 100, 297-308.	3.3	63
16	Scale-Dependent Nature of Porosity and Pore Size Distribution in Lacustrine Shales: An Investigation by BIB-SEM and X-Ray CT Methods. Journal of Earth Science (Wuhan, China), 2019, 30, 823-833.	3.2	21
17	Petrophysical characterization of oil-bearing shales by low-field nuclear magnetic resonance (NMR). Marine and Petroleum Geology, 2018, 89, 775-785.	3.3	137
18	Classification of microscopic pore-throats and the grading evaluation on shale oil reservoirs. Petroleum Exploration and Development, 2018, 45, 452-460.	7.0	78

#	Article	IF	Citations
19	Adsorbed and Free Oil in Lacustrine Nanoporous Shale: A Theoretical Model and a Case Study. Energy & Fuels, 2018, 32, 12247-12258.	5.1	41
20	Permeability evaluation on oil-window shale based on hydraulic flow unit: A new approach. Advances in Geo-Energy Research, 2018, 2, 1-13.	6.0	19
21	Impact of coal ranks on dynamic gas flow: An experimental investigation. Fuel, 2017, 194, 17-26.	6.4	18
22	Multi-component segmentation of X-ray computed tomography (CT) image using multi-Otsu thresholding algorithm and scanning electron microscopy. Energy Exploration and Exploitation, 2017, 35, 281-294.	2.3	27
23	Characterization of shale pore system: A case study of Paleogene Xin'gouzui Formation in the Jianghan basin, China. Marine and Petroleum Geology, 2017, 79, 321-334.	3.3	97
24	Comparisons of SEM, Low-Field NMR, and Mercury Intrusion Capillary Pressure in Characterization of the Pore Size Distribution of Lacustrine Shale: A Case Study on the Dongying Depression, Bohai Bay Basin, China. Energy & Fuels, 2017, 31, 9232-9239.	5.1	63
25	Modeling of hydrocarbon adsorption on continental oil shale: A case study on n-alkane. Fuel, 2017, 206, 603-613.	6.4	63
26	A Precise Porosity Measurement Method for Oil-Bearing Micro/Nano Porous Shales Using Low-Field Nuclear Magnetic Resonance (LF-NMR). Journal of Nanoscience and Nanotechnology, 2017, 17, 6827-6835.	0.9	14
27	Adsorption Properties of Hydrocarbons (n-Decane, Methyl Cyclohexane and Toluene) on Clay Minerals: An Experimental Study. Energies, 2017, 10, 1586.	3.1	17
28	Chemical and Isotopic Fractionation of Shale Gas During Adsorption and Desorption. Journal of Nanoscience and Nanotechnology, 2017, 17, 6395-6403.	0.9	5
29	Microstructural Characterization of the Clay-Rich Oil Shales by Nuclear Magnetic Resonance (NMR). Journal of Nanoscience and Nanotechnology, 2017, 17, 7026-7034.	0.9	16
30	Porous Carbon Polyhedrons with High-Level Nitrogen-Doping for High-Performance Sodium-Ion Battery Anodes. ChemistrySelect, 2016, 1, 6442-6447.	1.5	14
31	Quantitative Evaluation on the Elastic Property of Oil-Bearing Mudstone/Shale from a Chinese Continental Basin. Energy Exploration and Exploitation, 2015, 33, 851-868.	2.3	16
32	Simulation of Pressure Transient Behavior for Asymmetrically Finite-Conductivity Fractured Wells in Coal Reservoirs. Transport in Porous Media, 2013, 97, 353-372.	2.6	40
33	Pore structure and its impact on CH4 adsorption capacity and flow capability of bituminous and subbituminous coals from Northeast China. Fuel, 2013, 103, 258-268.	6.4	554
34	Physical Characterization of the Pore-Fracture System in Coals, Northeastern China. Energy Exploration and Exploitation, 2013, 31, 267-285.	2.3	29
35	Fractal Characteristics of Coal Pores Based on Classic Geometry and Thermodynamics Models. Acta Geologica Sinica, 2011, 85, 1150-1162.	1.4	68
36	Advanced characterization of pores and fractures in coals by nuclear magnetic resonance and X-ray computed tomography. Science China Earth Sciences, 2010, 53, 854-862.	5.2	144