

Rui Yang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,950
citations

279487

23
h-index

329751

37
g-index

39
all docs

39
docs citations

39
times ranked

1025
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics and Influencing Factors of Supercritical Methane Adsorption in Deep Gas Shale: A Case Study of Marine Wufeng and Longmaxi Formations from the Dongxi Area, Southeastern Sichuan Basin (China). <i>Energy & Fuels</i> , 2022, 36, 1531-1546.	2.5	7
2	Mechanism of the Enrichment and Loss Progress of Deep Shale Gas: Evidence from Fracture Veins of the Wufeng-Longmaxi Formations in the Southern Sichuan Basin. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 897.	0.8	3
3	Experimental investigation of water vapor adsorption isotherm on gas-producing Longmaxi shale: Mathematical modeling and implication for water distribution in shale reservoirs. <i>Chemical Engineering Journal</i> , 2021, 406, 125982.	6.6	41
4	An insight into shallow gas hydrates in the Dongsha area, South China Sea. <i>Acta Oceanologica Sinica</i> , 2021, 40, 136-146.	0.4	3
5	Major, trace-elemental and sedimentological characterization of the upper Ordovician Wufeng-lower Silurian Longmaxi formations, Sichuan Basin, south China: Insights into the effect of relative sea-level fluctuations on organic matter accumulation in shales. <i>Marine and Petroleum Geology</i> , 2021, 126, 104905.	1.5	24
6	Quartz crystallinity index: New quantitative evidence for biogenic silica of the Late Ordovician to Early Silurian organic-rich shale in the Sichuan Basin and adjacent areas, China. <i>Science China Earth Sciences</i> , 2021, 64, 773-787.	2.3	12
7	Pore Structure Characterization and Reservoir Quality Evaluation of Analcite-Rich Shale Oil Reservoir from the Bohai Bay Basin. <i>Energy & Fuels</i> , 2021, 35, 9349-9368.	2.5	6
8	Variations of lacustrine shale reservoirs in different deformation zones of Mohe Basin, northeastern China: Insights into the impact of thrust nappe structure on shale gas preservation. <i>Marine and Petroleum Geology</i> , 2021, 133, 105272.	1.5	3
9	The Influence of Analytical Particle Size on the Pore System Measured by CO ₂ , N ₂ , and Ar Adsorption Experiments for Shales. <i>Energy & Fuels</i> , 2021, 35, 18637-18652.	2.5	4
10	Structural characteristics and porosity estimation of organic matter-hosted pores in gas shales of Jiaoshiba Block, Sichuan Basin, China. <i>Energy Science and Engineering</i> , 2020, 8, 4178-4195.	1.9	7
11	Sedimentological and geochemical characterization of the Upper Permian transitional facies of the Longtan Formation, northern Guizhou Province, southwest China: Insights into paleo-environmental conditions and organic matter accumulation mechanisms. <i>Marine and Petroleum Geology</i> , 2020, 118, 104446.	1.5	29
12	Characteristics and evolution of pyrobitumen-hosted pores of the overmature Lower Cambrian Shuijingtuo Shale in the south of Huangling anticline, Yichang area, China: Evidence from FE-SEM petrography. <i>Marine and Petroleum Geology</i> , 2020, 116, 104303.	1.5	27
13	Water adsorption characteristics of organic-rich Wufeng and Longmaxi Shales, Sichuan Basin (China). <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107387.	2.1	61
14	Variations of Pore Structure in Organic-Rich Shales with Different Lithofacies from the Jiangdong Block, Fuling Shale Gas Field, SW China: Insights into Gas Storage and Pore Evolution. <i>Energy & Fuels</i> , 2020, 34, 12457-12475.	2.5	31
15	Particle size effect on water vapor sorption measurement of organic shale: One example from Dongyuemiao Member of Lower Jurassic Ziliujing Formation in Jiannan Area of China. <i>Advances in Geo-Energy Research</i> , 2020, 4, 207-218.	3.1	31
16	Overpressure and its positive effect in deep sandstone reservoir quality of Bozhong Depression, offshore Bohai Bay Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2019, 182, 106362.	2.1	7
17	The effects of mineral composition, TOC content and pore structure on spontaneous imbibition in Lower Jurassic Dongyuemiao shale reservoirs. <i>Marine and Petroleum Geology</i> , 2019, 109, 268-278.	1.5	42
18	Models of shale gas storage capacity during burial and uplift: Application to Wufeng-Longmaxi shales in the Fuling shale gas field. <i>Marine and Petroleum Geology</i> , 2019, 109, 233-244.	1.5	26

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19	Quartz types and origins in the paleozoic Wufeng-Longmaxi Formations, Eastern Sichuan Basin, China: Implications for porosity preservation in shale reservoirs. <i>Marine and Petroleum Geology</i> , 2019, 106, 62-73.	1.5	77
20	Organic nanopore structure and fractal characteristics of Wufeng and lower member of Longmaxi shales in southeastern Sichuan, China. <i>Marine and Petroleum Geology</i> , 2019, 103, 456-472.	1.5	59
21	Pore Structure, Wettability, and Their Coupled Effects on Tracer-Containing Fluid Migration in Organic-Rich Shale. , 2019, , 133-154.		2
22	Comparison of pore systems of clay-rich and silica-rich gas shales in the lower Silurian Longmaxi formation from the Jiaoshiba area in the eastern Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2019, 101, 265-280.	1.5	76
23	Wettability and connectivity of overmature shales in the Fuling gas field, Sichuan Basin (China). <i>AAPG Bulletin</i> , 2019, 103, 653-689.	0.7	45
24	Pore structure characterization of organic-rich Niutitang shale from China: Small angle neutron scattering (SANS) study. <i>International Journal of Coal Geology</i> , 2018, 186, 115-125.	1.9	100
25	Pore structure, wettability and tracer migration in four leading shale formations in the Middle Yangtze Platform, China. <i>Marine and Petroleum Geology</i> , 2018, 89, 415-427.	1.5	44
26	Comparative Investigations on Wettability of Typical Marine, Continental, and Transitional Shales in the Middle Yangtze Platform (China). <i>Energy & Fuels</i> , 2018, 32, 12187-12197.	2.5	21
27	Applying SANS technique to characterize nano-scale pore structure of Longmaxi shale, Sichuan Basin (China). <i>Fuel</i> , 2017, 197, 91-99.	3.4	113
28	Pore connectivity and tracer migration of typical shales in south China. <i>Fuel</i> , 2017, 203, 32-46.	3.4	84
29	Spontaneous Imbibition of Three Leading Shale Formations in the Middle Yangtze Platform, South China. <i>Energy & Fuels</i> , 2017, 31, 6903-6916.	2.5	30
30	Experimental investigations on the geometry and connectivity of pore space in organic-rich Wufeng and Longmaxi shales. <i>Marine and Petroleum Geology</i> , 2017, 84, 225-242.	1.5	107
31	Pore characteristics of Longmaxi shale gas reservoir in the Northwest of Guizhou, China: Investigations using small-angle neutron scattering (SANS), helium pycnometry, and gas sorption isotherm. <i>International Journal of Coal Geology</i> , 2017, 171, 61-68.	1.9	124
32	Geochemical characteristics and origin of natural gas from Wufeng-Longmaxi shales of the Fuling gas field, Sichuan Basin (China). <i>International Journal of Coal Geology</i> , 2017, 171, 1-11.	1.9	75
33	Applying Molecular and Nanoparticle Tracers to Study Wettability and Connectivity of Longmaxi Formation in Southern China. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 6284-6295.	0.9	22
34	应用分子和纳米颗粒示踪剂研究龙马溪组页岩气储层润湿性和连通性. <i>地球科学 - 中国地质大学学报/能源地质科学</i> , 2017, 42, 1134.	0.1	3
35	Origin of over-pressure in clastic rocks in Yuanba area, northeast Sichuan Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 30, 90-105.	2.1	23
36	Pore characterization and methane sorption capacity of over-mature organic-rich Wufeng and Longmaxi shales in the southeast Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2016, 77, 247-261.	1.5	99

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37	Nano-scale pore structure and fractal dimension of organic-rich Wufeng-Longmaxi shale from Jiaoshiba area, Sichuan Basin: Investigations using FE-SEM, gas adsorption and helium pycnometry. <i>Marine and Petroleum Geology</i> , 2016, 70, 27-45.	1.5	431
38	Paleo-ocean redox environments of the Upper Ordovician Wufeng and the first member in lower Silurian Longmaxi formations in the Jiaoshiba area, Sichuan Basin. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 426-440.	0.6	48
39	Distribution and geological controls of the seabed fluid flow system, the central-western Bohai Sea: A general overview. <i>Basin Research</i> , 0, , .	1.3	3