

Rui Yang

List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	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
6	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
7	Pore connectivity and tracer migration of typical shales in south China. <i>Fuel</i> , 2017, 203, 32-46.	3.4	84
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	Structural characteristics and porosity estimation of organic matter-hosted pores in gas shales of Jiaoshiha Block, Sichuan Basin, China. <i>Energy Science and Engineering</i> , 2020, 8, 4178-4195.	1.9	7
31	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
32	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
33	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
34	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
35	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
36	“æž,ãšã¼,æš. Diqu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth and Planetary Science Letters, 2017, 42, 1134.”	0.1	3

#	ARTICLE	IF	CITATIONS
37	Distribution and geological controls of the seabed fluid flow system, the central-western Bohai Sea: A general overview. Basin Research, 0, , .	1.3	3
38	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. Minerals (Basel, Switzerland), 2022, 12, 897.	0.8	3
39	Pore Structure, Wettability, and Their Coupled Effects on Tracer-Containing Fluid Migration in Organic-Rich Shale. , 2019, , 133-154.		2