

Shu Jiang

List of Publications by Year in descending order

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143
papers

4,518
citations

94433

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h-index

138484

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143
all docs

143
docs citations

143
times ranked

1882
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of shale gas adsorption: Evidence from thermodynamics and kinetics study of methane adsorption on shale. <i>Chemical Engineering Journal</i> , 2019, 361, 559-570.	12.7	209
2	Heterogeneity of the Lower Silurian Longmaxi marine shale in the southeast Sichuan Basin of China. <i>Marine and Petroleum Geology</i> , 2015, 65, 232-246.	3.3	165
3	Heterogeneous nanoporosity of the Silurian Longmaxi Formation shale gas reservoir in the Sichuan Basin using the QEMSCAN, FIB-SEM, and nano-CT methods. <i>Marine and Petroleum Geology</i> , 2016, 78, 99-109.	3.3	147
4	Oil content evaluation of lacustrine organic-rich shale with strong heterogeneity: A case study of the Middle Permian Lucaogou Formation in Jimusaer Sag, Junggar Basin, NW China. <i>Fuel</i> , 2018, 221, 196-205.	6.4	119
5	Analysis of Lower Cambrian shale gas composition, source and accumulation pattern in different tectonic backgrounds: A case study of Weiyuan Block in the Upper Yangtze region and Xiuwu Basin in the Lower Yangtze region. <i>Fuel</i> , 2020, 263, 115978.	6.4	114
6	Productivity or preservation? The factors controlling the organic matter accumulation in the late Katian through Hirnantian Wufeng organic-rich shale, South China. <i>Marine and Petroleum Geology</i> , 2019, 109, 22-35.	3.3	108
7	Movable oil content evaluation of lacustrine organic-rich shales: Methods and a novel quantitative evaluation model. <i>Earth-Science Reviews</i> , 2021, 214, 103545.	9.1	106
8	Impacts of clay on pore structure, storage and percolation of tight sandstones from the Songliao Basin, China: Implications for genetic classification of tight sandstone reservoirs. <i>Fuel</i> , 2018, 211, 390-404.	6.4	98
9	Mechanism of shale gas occurrence: Insights from comparative study on pore structures of marine and lacustrine shales. <i>Marine and Petroleum Geology</i> , 2019, 104, 200-216.	3.3	98
10	Comparison and integration of experimental methods to characterize the full-range pore features of tight gas sandstone—A case study in Songliao Basin of China. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 34, 1412-1421.	4.4	95
11	Geologic characteristics of hydrocarbon-bearing marine, transitional and lacustrine shales in China. <i>Journal of Asian Earth Sciences</i> , 2016, 115, 404-418.	2.3	90
12	Sequence stratigraphy and importance of syndepositional structural slope-break for architecture of Paleogene syn-rift lacustrine strata, Bohai Bay Basin, E. China. <i>Marine and Petroleum Geology</i> , 2016, 69, 183-204.	3.3	86
13	Sequence stratigraphy and its application in marine shale gas exploration: A case study of the Lower Silurian Longmaxi Formation in the Jiaoshiba shale gas field and its adjacent area in southeast Sichuan Basin, SW China. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 27, 410-423.	4.4	84
14	Lithofacies characteristics and its effect on gas storage of the Silurian Longmaxi marine shale in the southeast Sichuan Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 28, 338-346.	4.4	79
15	Effect of Organic Matter and Maturity on Pore Size Distribution and Gas Storage Capacity in High-Mature to Post-Mature Shales. <i>Energy & Fuels</i> , 2016, 30, 8985-8996.	5.1	78
16	Characteristics and origin of in-situ gas desorption of the Cambrian Shuijingtuo Formation shale gas reservoir in the Sichuan Basin, China. <i>Fuel</i> , 2017, 187, 285-295.	6.4	72
17	Effect of sedimentary environment on the formation of organic-rich marine shale: Insights from major/trace elements and shale composition. <i>International Journal of Coal Geology</i> , 2019, 204, 34-50.	5.0	72
18	Combining rate-controlled porosimetry and NMR to probe full-range pore throat structures and their evolution features in tight sands: A case study in the Songliao Basin, China. <i>Marine and Petroleum Geology</i> , 2017, 83, 111-123.	3.3	69

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19	Impact of input, preservation and dilution on organic matter enrichment in lacustrine rift basin: A case study of lacustrine shale in Dehui Depression of Songliao Basin, NE China. <i>Marine and Petroleum Geology</i> , 2022, 135, 105386.	3.3	68
20	Comparison of marine, transitional, and lacustrine shales: A case study from the Sichuan Basin in China. <i>Journal of Petroleum Science and Engineering</i> , 2017, 150, 334-347.	4.2	64
21	Heterogeneity characterization of the lower Silurian Longmaxi marine shale in the Pengshui area, South China. <i>International Journal of Coal Geology</i> , 2018, 195, 250-266.	5.0	63
22	Characteristics of Source Rocks and Genetic Origins of Natural Gas in Deep Formations, Gudian Depression, Songliao Basin, NE China. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1750-1771.	2.7	63
23	Impacts of sedimentology and diagenesis on pore structure and reservoir quality in tight oil sandstone reservoirs: Implications for macroscopic and microscopic heterogeneities. <i>Marine and Petroleum Geology</i> , 2020, 111, 279-300.	3.3	59
24	Relationship between the origin of organic-rich shale and geological events of the Upper Ordovician-Lower Silurian in the Upper Yangtze area. <i>Marine and Petroleum Geology</i> , 2019, 102, 74-85.	3.3	58
25	Mechanism analysis of organic matter enrichment in different sedimentary backgrounds: A case study of the Lower Cambrian and the Upper Ordovician-Lower Silurian, in Yangtze region. <i>Marine and Petroleum Geology</i> , 2019, 99, 488-497.	3.3	58
26	Impact of Paleosalinity, Dilution, Redox, and Paleoproductivity on Organic Matter Enrichment in a Saline Lacustrine Rift Basin: A Case Study of Paleogene Organic-Rich Shale in Dongpu Depression, Bohai Bay Basin, Eastern China. <i>Energy & Fuels</i> , 2018, 32, 5045-5061.	5.1	56
27	Heterogeneity of Paleozoic Wufeng-Longmaxi formation shale and its effects on the shale gas accumulation in the Upper Yangtze Region, China. <i>Fuel</i> , 2019, 239, 387-402.	6.4	55
28	Methane Adsorption Capacities of the Lower Paleozoic Marine Shales in the Yangtze Platform, South China. <i>Energy & Fuels</i> , 2015, 29, 4160-4167.	5.1	53
29	Sequence-stratigraphic architectures and sand-body distribution in Cenozoic rifted lacustrine basins, east China. <i>AAPG Bulletin</i> , 2013, 97, 1447-1475.	1.5	51
30	Effect of adsorbed phase density on the correction of methane excess adsorption to absolute adsorption in shale. <i>Chemical Engineering Journal</i> , 2021, 420, 127678.	12.7	50
31	Effects of volcanic activities in Ordovician Wufeng-Silurian Longmaxi period on organic-rich shale in the Upper Yangtze area, South China. <i>Petroleum Exploration and Development</i> , 2018, 45, 862-872.	7.0	45
32	Heterogeneity of reservoir quality and gas accumulation in tight sandstone reservoirs revealed by pore structure characterization and physical simulation. <i>Fuel</i> , 2019, 253, 1300-1316.	6.4	45
33	Effect of organic maturity on shale gas genesis and pores development: A case study on marine shale in the upper Yangtze region, South China. <i>Open Geosciences</i> , 2020, 12, 1617-1629.	1.7	44
34	Sequence stratigraphy, sedimentary systems and petroleum plays in a low-accommodation basin: Middle to upper members of the Lower Jurassic Sangonghe Formation, Central Junggar Basin, Northwestern China. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 85-103.	2.3	43
35	Characterization of the Upper Ordovician and Lower Silurian Marine Shale in Northwestern Guizhou Province of the Upper Yangtze Block, South China: Implication for Shale Gas Potential. <i>Energy & Fuels</i> , 2014, 28, 3679-3687.	5.1	41
36	Full-Scale Pore Structure and Fractal Dimension of the Longmaxi Shale from the Southern Sichuan Basin: Investigations Using FE-SEM, Gas Adsorption and Mercury Intrusion Porosimetry. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 543.	2.0	39

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37	Shale gas accumulation mechanism in a syncline setting based on multiple geological factors: An example of southern Sichuan and the Xiuwu Basin in the Yangtze Region. <i>Fuel</i> , 2019, 241, 468-476.	6.4	39
38	Cyclic late Katian through Hirnantian glacioeustasy and its control of the development of the organic-rich Wufeng and Longmaxi shales, South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 526, 96-109.	2.3	38
39	Fracture types in the lower Cambrian shale and their effect on shale gas accumulation, Upper Yangtze. <i>Marine and Petroleum Geology</i> , 2019, 99, 282-291.	3.3	38
40	Effects of paleosedimentary environment on organic matter enrichment in a saline lacustrine rift basin - A case study of Paleogene source rock in the Dongpu Depression, Bohai Bay Basin. <i>Journal of Petroleum Science and Engineering</i> , 2020, 195, 107658.	4.2	37
41	Reservoir quality, gas accumulation and completion quality assessment of Silurian Longmaxi marine shale gas play in the Sichuan Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 39, 203-215.	4.4	36
42	Reconstruction of the Cenozoic tectono-thermal history of the Dongpu Depression, Bohai Bay Basin, China: Constraints from apatite fission track and vitrinite reflectance data. <i>Journal of Petroleum Science and Engineering</i> , 2021, 205, 108809.	4.2	36
43	Vertical sealing mechanism of shale and its roof and floor and effect on shale gas accumulation, a case study of marine shale in Sichuan basin, the Upper Yangtze area. <i>Journal of Petroleum Science and Engineering</i> , 2019, 175, 743-754.	4.2	35
44	Marine redox stratification during the early Cambrian (ca. 529-509 Ma) and its control on the development of organic-rich shales in the Yangtze Platform. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2354-2369.	2.5	34
45	Effect of Shale Lithofacies on Pore Structure of the Wufeng-Longmaxi Shale in Southeast Chongqing, China. <i>Energy & Fuels</i> , 2018, 32, 6603-6618.	5.1	34
46	Pore structure characterization of different lithofacies in marine shale: A case study of the Upper Ordovician Wufeng-Lower Silurian Longmaxi formation in the Sichuan Basin, SW China. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 57, 203-215.	4.4	34
47	Dynamic continuous hydrocarbon accumulation (DCHA): Existing theories and a new unified accumulation model. <i>Earth-Science Reviews</i> , 2022, 232, 104109.	9.1	34
48	Pore Structure and Fractal Characteristics of Distinct Thermally Mature Shales. <i>Energy & Fuels</i> , 2019, 33, 5116-5128.	5.1	33
49	Lithofacies and sedimentary sequence of the lower Cambrian Niutitang shale in the upper Yangtze platform, South China. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 43, 124-136.	4.4	32
50	Connectivity of organic matter pores in the Lower Silurian Longmaxi Formation shale, Sichuan Basin, Southern China: Analyses from helium ion microscope and focused ion beam scanning electron microscope. <i>Geological Journal</i> , 2022, 57, 1912-1924.	1.3	32
51	Factors Affecting Shale Gas Accumulation in Overmature Shales Case Study from Lower Cambrian Shale in Western Sichuan Basin, South China. <i>Energy & Fuels</i> , 2018, 32, 3003-3012.	5.1	30
52	Tectonic and depositional setting of the lower Cambrian and lower Silurian marine shales in the Yangtze Platform, South China: Implications for shale gas exploration and production. <i>Journal of Asian Earth Sciences</i> , 2019, 170, 1-19.	2.3	30
53	Insights into the pore structure and implications for fluid flow capacity of tight gas sandstone: A case study in the upper paleozoic of the Ordos Basin. <i>Marine and Petroleum Geology</i> , 2020, 118, 104439.	3.3	30
54	Geology and shale gas resource potentials in the Sichuan Basin, China. <i>Energy Exploration and Exploitation</i> , 2016, 34, 689-710.	2.3	29

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55	Brittleness index prediction in shale gas reservoirs based on efficient network models. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 673-685.	4.4	29
56	Macroscale Mechanical and Microscale Structural Changes in Chinese Wufeng Shale With Supercritical Carbon Dioxide Fracturing. <i>SPE Journal</i> , 2018, 23, 691-703.	3.1	29
57	Loading rate effect on the mechanical behavior of brittle longmaxi shale in nanoindentation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 6481-6490.	7.1	29
58	A new method for rock brittleness evaluation in tight oil formation from conventional logs and petrophysical data. <i>Journal of Petroleum Science and Engineering</i> , 2017, 151, 169-182.	4.2	28
59	Comparative Analysis of the Siliceous Source and Organic Matter Enrichment Mechanism of the Upper Ordovicianâ€“Lower Silurian Shale in the Upper-Lower Yangtze Area. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 283.	2.0	26
60	Geochemical and geological characteristics of Permian Lucaogou Formation shale of the well Ji174, Jimusar Sag, Junggar Basin, China: Implications for shale oil exploration. <i>Geological Journal</i> , 2018, 53, 2371-2385.	1.3	24
61	Organic matter accumulation of the Wufeng-Longmaxi shales in southern Sichuan Basin: Evidence and insight from volcanism. <i>Marine and Petroleum Geology</i> , 2020, 120, 104564.	3.3	24
62	Pore development of the Lower Longmaxi shale in the southeastern Sichuan Basin and its adjacent areas: Insights from lithofacies identification and organic matter. <i>Marine and Petroleum Geology</i> , 2020, 122, 104662.	3.3	24
63	Critical factors controlling adsorption capacity of shale gas in Wufeng-Longmaxi formation, Sichuan Basin: Evidences from both experiments and molecular simulations. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 88, 103774.	4.4	24
64	Characteristics of microorganisms and origin of organic matter in Wufeng Formation and Longmaxi Formation in Sichuan Basin, South China. <i>Marine and Petroleum Geology</i> , 2020, 111, 363-374.	3.3	23
65	Pore Evolution and Formation Mechanism of Organic-Rich Shales in the Whole Process of Hydrocarbon Generation: Study of Artificial and Natural Shale Samples. <i>Energy & Fuels</i> , 2020, 34, 332-347.	5.1	23
66	Role of pore structure in the percolation and storage capacities of deeply buried sandstone reservoirs: A case study of the Junggar Basin, China. <i>Marine and Petroleum Geology</i> , 2020, 113, 104129.	3.3	23
67	Sealing Mechanism of the Roof and Floor for the Wufeng-Longmaxi Shale Gas in the Southern Sichuan Basin. <i>Energy & Fuels</i> , 2020, 34, 6999-7018.	5.1	23
68	Impact of rock type on the pore structures and physical properties within a tight sandstone reservoir in the Ordos Basin, NW China. <i>Petroleum Science</i> , 2020, 17, 896-911.	4.9	23
69	Lacustrine Shale Deposition and Variable Tectonic Accommodation in the Rift Basins of the Bohai Bay Basin in Eastern China. <i>Journal of Earth Science (Wuhan, China)</i> , 2015, 26, 700-711.	3.2	22
70	The Potential of China's Lacustrine Shale Gas Resources. <i>Energy Exploration and Exploitation</i> , 2013, 31, 317-335.	2.3	21
71	Geology, resource potentials, and properties of emerging and potential China shale gas and shale oil plays. <i>Interpretation</i> , 2015, 3, SJ1-SJ13.	1.1	20
72	Nanopore Structure and Fractal Characteristics of Lacustrine Shale: Implications for Shale Gas Storage and Production Potential. <i>Nanomaterials</i> , 2019, 9, 390.	4.1	20

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73	Impact of pore structure and clay content on the water-gas relative permeability curve within tight sandstones: A case study from the LS block, eastern Ordos Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 81, 103418.	4.4	19
74	Relative sea-level changes and organic matter enrichment in the Upper Ordovician-Lower Silurian Wufeng-Longmaxi Formations in the Central Yangtze area, China. <i>Marine and Petroleum Geology</i> , 2021, 124, 104809.	3.3	19
75	The Secondary Porosity and Permeability Characteristics of Tertiary Strata and Their Origins, Liaodong Bay Basin, China. <i>Energy Exploration and Exploitation</i> , 2010, 28, 207-222.	2.3	18
76	Hybrid plays of Upper Triassic Chang7 lacustrine source rock interval of Yanchang Formation, Ordos Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2017, 159, 182-196.	4.2	18
77	Applying isotopic geochemical proxy for gas content prediction of Longmaxi shale in the Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2020, 116, 104329.	3.3	18
78	Identifying the key source rocks in heterogeneous saline lacustrine shales: Paleogene shales in the Dongpu depression, Bohai Bay Basin, eastern China. <i>AAPG Bulletin</i> , 2022, 106, 1325-1356.	1.5	18
79	Pore-scale mechanisms and characterization of light oil storage in shale nanopores: New method and insights. <i>Geoscience Frontiers</i> , 2022, 13, 101424.	8.4	18
80	Nd-O-Hf isotopic decoupling in S-type granites: Implications for ridge subduction. <i>Lithos</i> , 2019, 332-333, 261-273.	1.4	17
81	Permeability estimation of tight sandstone from pore structure characterization. <i>Marine and Petroleum Geology</i> , 2022, 135, 105382.	3.3	17
82	Effects of organic matter and mineral compositions on pore structures of shales: A comparative study of lacustrine shale in Ordos Basin and Marine Shale in Sichuan Basin, China. <i>Energy Exploration and Exploitation</i> , 2018, 36, 28-42.	2.3	16
83	Distribution and controls of petroliferous plays in subtle traps within a Paleogene lacustrine sequence stratigraphic framework, Dongying Depression, Bohai Bay Basin, Eastern China. <i>Petroleum Science</i> , 2020, 17, 1-22.	4.9	16
84	Characteristics of matrix-related pores associated with various lithofacies of marine shales inside of Guizhong Basin, South China. <i>Journal of Petroleum Science and Engineering</i> , 2020, 185, 106671.	4.2	16
85	Geochemistry, Paleoenvironment and Mechanism of Organic Matter Enrichment in the Lower Silurian Longmaxi Formation Shale in the Sichuan Basin, China. <i>Acta Geologica Sinica</i> , 2019, 93, 505-519.	1.4	15
86	Natural gas accumulation processes of tight sandstone reservoirs in deep formations of Songliao Basin, NE China. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 83, 103610.	4.4	15
87	Effects of mineralogy on pore structure and fluid flow capacity of deeply buried sandstone reservoirs with a case study in the Junggar Basin. <i>Journal of Petroleum Science and Engineering</i> , 2020, 189, 106986.	4.2	15
88	Water-bearing characteristics and their influences on the reservoir capacity in terrestrial shale reservoirs: A case study of the lower Jurassic Ziliujing Formation in the Northeast Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2021, 123, 104738.	3.3	15
89	Evaluation of Shale Reservoir Quality by Geophysical Logging for Shuijingtuo Formation of Lower Cambrian in Yichang Area, Central Yangtze. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 766-777.	3.2	15
90	Controls on the organic carbon content of the lower Cambrian black shale in the southeastern margin of Upper Yangtze. <i>Petroleum Science</i> , 2018, 15, 709-721.	4.9	14

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91	Various controlling factors of matrix-related pores from differing depositional shales of the Yangtze Block in south China: Insight from organic matter isolation and fractal analysis. <i>Marine and Petroleum Geology</i> , 2020, 111, 720-734.	3.3	14
92	Impact of residual zircon on Nd-Hf isotope decoupling during sediment recycling in subduction zone. <i>Geoscience Frontiers</i> , 2019, 10, 241-251.	8.4	13
93	Lower limit of hydrocarbon generation in source rocks: A case study from the Dongpu Depression, Bohai Bay Basin, East China. <i>Journal of Asian Earth Sciences</i> , 2019, 182, 103928.	2.3	13
94	Evolution of Shale Microstructure under in Situ Heat Treatment: Synchrotron Small-Angle X-ray Scattering. <i>Energy & Fuels</i> , 2021, 35, 4345-4357.	5.1	13
95	Analysis of Adsorption Characteristics and Influencing Factors of Wufengâ€™Longmaxi Formation Shale in Sichuan Basin. <i>Energy & Fuels</i> , 2021, 35, 4925-4942.	5.1	13
96	Synergetic effects of matrix components and diagenetic processes on pore properties in the Lower Cambrian shale in Sichuan Basin, South China. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 94, 104072.	4.4	13
97	Key factors controlling shale oil enrichment in saline lacustrine rift basin: implications from two shale oil wells in Dongpu Depression, Bohai Bay Basin. <i>Petroleum Science</i> , 2021, 18, 687.	4.9	12
98	Improved Methane Adsorption Model in Shale by Considering Variable Adsorbed Phase Density. <i>Energy & Fuels</i> , 2021, 35, 2064-2074.	5.1	12
99	Effect of Particle Size on Pore Characteristics of Organic-Rich Shales: Investigations from Small-Angle Neutron Scattering (SANS) and Fluid Intrusion Techniques. <i>Energies</i> , 2020, 13, 6049.	3.1	11
100	Differential Enrichment of Organic Matter in Saline Lacustrine Source Rocks in a Rift Basin: A Case Study of Paleogene Source Rocks, Dongpu Depression, Bohai Bay Basin. <i>Natural Resources Research</i> , 2020, 29, 4053-4072.	4.7	11
101	Accumulation Mechanism of Marine Shale Gas Reservoir in Anticlines: A Case Study of the Southern Sichuan Basin and Xiuwu Basin in the Yangtze Region. <i>Geofluids</i> , 2019, 2019, 1-14.	0.7	10
102	Characteristics, capability, and origin of shale gas desorption of the Longmaxi Formation in the southeastern Sichuan Basin, China. <i>Scientific Reports</i> , 2019, 9, 1035.	3.3	10
103	Investigation of Microwave Irradiation Stimulation to Enhance the Pore Connectivity of Shale. <i>Energy & Fuels</i> , 2021, 35, 3240-3251.	5.1	10
104	Investigation of the Origin of Low Resistivity and Methods for the Calculation of Gas Saturation in Shale Gas Reservoirs in the Fuling Area. <i>Energy & Fuels</i> , 2021, 35, 5181-5193.	5.1	10
105	Pore-scale heterogeneity of tight gas sandstone: Origins and impacts. <i>Journal of Natural Gas Science and Engineering</i> , 2021, , 104248.	4.4	9
106	Sediment gravity-flow deposits in Late Cretaceous Songliao postrift downwarped lacustrine basin, northeastern China. <i>Marine and Petroleum Geology</i> , 2021, 134, 105378.	3.3	9
107	Neotectonic evolution of the Tarim Basin Craton from Neogene to quaternary. <i>International Geology Review</i> , 2018, 60, 1213-1230.	2.1	8
108	Zircon Hf-O-Li isotopes of granitoids from the Central Asian Orogenic Belt: Implications for supercontinent evolution. <i>Gondwana Research</i> , 2020, 83, 132-140.	6.0	8

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109	Investigation on the unsteady-state two-phase fluid transport in the nano-pore system of natural tight porous media. <i>Journal of Hydrology</i> , 2022, 607, 127516.	5.4	8
110	Paleodepositional conditions and organic matter accumulation mechanisms in the Upper Ordovician-lower Silurian Wufeng-Longmaxi shales, Middle Yangtze region, South China. <i>Marine and Petroleum Geology</i> , 2022, 143, 105823.	3.3	8
111	Non-uniform subsidence and its control on the temporal-spatial evolution of the black shale of the Early Silurian Longmaxi Formation in the western Yangtze Block, South China. <i>Marine and Petroleum Geology</i> , 2018, 98, 881-889.	3.3	7
112	Coupling between Source Rock and Reservoir of Shale Gas in Wufeng-Longmaxi Formation in Sichuan Basin, South China. <i>Energies</i> , 2021, 14, 2679.	3.1	7
113	Impact of pyrite on shale gas enrichment—a case study of the Lower Silurian Longmaxi Formation in southeast Sichuan Basin. <i>Frontiers of Earth Science</i> , 2021, 15, 332-342.	2.1	7
114	Effect of Pre-Adsorbed Water on Methane Adsorption Capacity in Shale-Gas Systems. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	7
115	Depositional environment and organic matter accumulation of the Lower Cambrian Shujingtu Formation in the middle Yangtze area, China. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109339.	4.2	6
116	Effect of Hydrothermal Activity on Organic Matter Enrichment of Shale: A Case Study of the Upper Ordovician and the Lower Silurian in the Lower Yangtze, South China. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 495.	2.0	5
117	A Cause Analysis of the High-Content Nitrogen and Low-Content Hydrocarbon in Shale Gas: A Case Study of the Early Cambrian in Xiuwu Basin, Yangtze Region. <i>Geofluids</i> , 2019, 2019, 1-13.	0.7	5
118	INVESTIGATION OF FRACTAL CHARACTERISTICS AND METHANE ADSORPTION CAPACITY OF THE UPPER TRIASSIC LACUSTRINE SHALE IN THE SICHUAN BASIN, SOUTHWEST CHINA. <i>Fractals</i> , 2019, 27, 1940011.	3.7	5
119	Comparative study on the Lower Silurian Longmaxi marine shale in the Jiaoshiba shale gas field and the Pengshui area in the southeast Sichuan Basin, China. <i>Geosciences Journal</i> , 2020, 24, 61-71.	1.2	5
120	The upper and lower limits and grading evaluation of the Shahezi tight gas reservoirs in the Xujiaweizi Rift, northern Songliao Basin: Implications from microscopic pore structures. <i>Journal of Petroleum Science and Engineering</i> , 2022, 212, 110224.	4.2	5
121	Multiple-stacked Hybrid Plays of lacustrine source rock intervals: Case studies from lacustrine basins in China. <i>Petroleum Science</i> , 2017, 14, 459-483.	4.9	4
122	The Impacts of Nano-Micrometer Pore Structure on the Gas Migration and Accumulation in Tight Sandstone Gas Reservoirs. <i>Energies</i> , 2019, 12, 4102.	3.1	4
123	Palaeoenvironment and organic matter of the Triassic Chang 9 lacustrine shales, Ordos Basin, China. <i>Geological Journal</i> , 2020, 55, 4748-4771.	1.3	4
124	Provenance, source weathering, and tectonic setting of the lower Cambrian Shujingtu Formation in the Middle Yangtze area, China. <i>Marine and Petroleum Geology</i> , 2022, 139, 105584.	3.3	4
125	Estimation of thermal conductivity of plutonic drill cuttings from their mineralogy: A case study for the FORGE Well 58—32, Milford, Utah. <i>Geothermics</i> , 2022, 102, 102407.	3.4	4
126	Brittleness Index Prediction From Conventional Well Logs in Unconventional Reservoirs Using Artificial Intelligence. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
127	Reconstruction of the Cenozoic History of Hydrocarbon Fluids from Rifting Stage to Passive Continental Margin Stage in the Huizhou Sag, the Pearl River Mouth Basin. <i>Geofluids</i> , 2017, 2017, 1-32.	0.7	3
128	Effect of the hydrothermal activity in the Lower Yangtze region on marine shale gas enrichment: A case study of Lower Cambrian and Upper Ordovician-Lower Silurian shales in Jiangye-1 well. <i>Open Geosciences</i> , 2018, 10, 582-592.	1.7	3
129	Difference Analysis of Organic Matter Enrichment Mechanisms in Upper Ordovician-Lower Silurian Shale from the Yangtze Region of Southern China and Its Geological Significance in Shale Gas Exploration. <i>Geofluids</i> , 2019, 2019, 1-14.	0.7	3
130	Carbon Isotope Kinetics Effect on the Natural Gas Accumulation: A Case Study of the Baimiao Area, Dongpu Depression, North China. <i>Energy & Fuels</i> , 2020, 34, 1608-1619.	5.1	3
131	Controls on Pore Structures and Permeability of Tight Gas Reservoirs in the Xujiaweizi Rift, Northern Songliao Basin. <i>Energies</i> , 2020, 13, 5184.	3.1	3
132	Geochemical characteristics of the Upper Devonian Shetianqiao Formation in the Shaoyang sag of Xiangzhong depression from Middle Yangtze area, South China: Implications for the depositional environment and organic matter enrichment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 574, 110448.	2.3	3
133	Mechanism Analysis of Organic Matter Enrichment of Upper Ordovician-Lower Silurian Shale in the Upper Yangtze Area: Taking Jiaoye-1 Well in the Jiaoshiba Block as an Example. <i>Geofluids</i> , 2019, 2019, 1-13.	0.7	2
134	Source Analysis of Silicon and Uranium in uranium-rich shale in the Xiuwu Basin, Southern China. <i>Open Geosciences</i> , 2019, 11, 89-100.	1.7	2
135	CHAPTER 7. Prospects for Shale Gas Development in China. <i>Issues in Environmental Science and Technology</i> , 2014, , 181-198.	0.4	2
136	The impact of variable density in-plane perforations on fracture propagation and complexity control in the horizontal well. <i>Journal of Petroleum Science and Engineering</i> , 2022, 212, 110211.	4.2	2
137	Study on the Formation Mechanism of Shale Roof, Floor Sealing, and Shale Self-Sealing: A Case of Member I of the Upper Ordovician Wufeng Formation—Lower Silurian Longmaxi Formation in the Yangtze Region. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	2
138	A three dimensional visualized physical simulation for natural gas charging in the micro-nano pore system. <i>Petroleum Exploration and Development</i> , 2022, 49, 349-362.	7.0	2
139	Hydrocarbon generation kinetics and expulsion models of the Triassic Chang 9 lacustrine shales, Ordos Basin, China: Implications for the tight sandstone oil occurrence. <i>Geological Journal</i> , 2021, 56, 4923.	1.3	1
140	Paleoenvironment of the Upper Paleozoic marine-continental transitional shales and its implications for organic matter enrichment in the L-Block, eastern Ordos Basin, North China. <i>Petroleum Science and Technology</i> , 2022, 40, 519-533.	1.5	1
141	Sequence Stratigraphy of Fine-Grained “Shale” Deposits: Case Studies of Representative Shales in the USA and China. , 0, , .		0
142	Lithology and U–Pb Geochronology of Basement of Cenozoic Yitong Basin in Northeastern China: Implication for Basin Architecture and New Horizon of Deep Natural Gas Exploration. <i>Minerals (Basel)</i> , 2021, 11, 1071.	0.2	0
143	Division of shale sequences and prediction of the favorable shale gas intervals: an example of the Lower Cambrian of Yangtze Region in Xiuwu Basin. <i>Open Geosciences</i> , 2019, 11, 183-195.	1.7	0