

Keyu Liu

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118
papers

2,540
citations

27
h-index

47
g-index

127
ext. papers

3,284
ext. citations

4.1
avg, IF

5.46
L-index

#	Paper	IF	Citations
118	Tight gas sandstone reservoirs in China: characteristics and recognition criteria. <i>Journal of Petroleum Science and Engineering</i> , 2012 , 88-89, 82-91	4.4	272
117	Combined Monte Carlo and molecular dynamics simulation of methane adsorption on dry and moist coal. <i>Fuel</i> , 2014 , 122, 186-197	7.1	161
116	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	14.7	127
115	Molecular simulation of CO ₂ /CH ₄ competitive adsorption and induced coal swelling. <i>Fuel</i> , 2015 , 160, 309-317	7.1	113
114	Oil generation as the dominant overpressure mechanism in the Cenozoic Dongying depression, Bohai Bay Basin, China. <i>AAPG Bulletin</i> , 2010 , 94, 1859-1881	2.5	108
113	Giant gas discovery in the Precambrian deeply buried reservoirs in the Sichuan Basin, China: Implications for gas exploration in old cratonic basins. <i>Precambrian Research</i> , 2015 , 262, 45-66	3.9	89
112	Geochemistry of Palaeozoic marine petroleum from the Tarim Basin, NW China: Part 3. Thermal cracking of liquid hydrocarbons and gas washing as the major mechanisms for deep gas condensate accumulations. <i>Organic Geochemistry</i> , 2011 , 42, 1394-1410	3.1	82
111	Quantitative fluorescence techniques for detecting residual oils and reconstructing hydrocarbon charge history. <i>Organic Geochemistry</i> , 2005 , 36, 1023-1036	3.1	81
110	A review of feldspar alteration and its geological significance in sedimentary basins: From shallow aquifers to deep hydrocarbon reservoirs. <i>Earth-Science Reviews</i> , 2019 , 191, 114-140	10.2	79
109	Adsorption Behavior of Hydrocarbon on Illite. <i>Energy & Fuels</i> , 2016 , 30, 9114-9121	4.1	76
108	Pore fluid evolution, distribution and water-rock interactions of carbonate cements in red-bed sandstone reservoirs in the Dongying Depression, China. <i>Marine and Petroleum Geology</i> , 2016 , 72, 279-294	4.7	60
107	Petroleum charge history in the Lunnan Low Uplift, Tarim Basin, China: Evidence from oil-bearing fluid inclusions. <i>Organic Geochemistry</i> , 2007 , 38, 1341-1355	3.1	55
106	Diagenesis of tight sandstone reservoirs in the Upper Triassic Yanchang Formation, southwestern Ordos Basin, China. <i>Marine and Petroleum Geology</i> , 2019 , 99, 548-562	4.7	54
105	Diagenetic variation at the lamina scale in lacustrine organic-rich shales: Implications for hydrocarbon migration and accumulation. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 229, 112-128	5.5	50
104	A sequence stratigraphic model for reservoir sand-body distribution in the Lower Permian Shanxi Formation in the Ordos Basin, northern China. <i>Marine and Petroleum Geology</i> , 2008 , 25, 731-743	4.7	45
103	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	4.7	43
102	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	4.7	43

101	Evidence for a palaeo-oil column and alteration of residual oil in a gas-condensate field: Integrated oil inclusion and experimental results. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 142, 362-385	5.5	42
100	Identification of sedimentary-diagenetic facies and reservoir porosity and permeability prediction: An example from the Eocene beach-bar sandstone in the Dongying Depression, China. <i>Marine and Petroleum Geology</i> , 2017 , 82, 69-84	4.7	39
99	Factors controlling reservoir properties and hydrocarbon accumulation of lacustrine deep-water turbidites in the Huimin Depression, Bohai Bay Basin, East China. <i>Marine and Petroleum Geology</i> , 2014 , 57, 327-344	4.7	39
98	GCMC simulations on the adsorption mechanisms of CH ₄ and CO ₂ in K-illite and their implications for shale gas exploration and development. <i>Fuel</i> , 2018 , 224, 521-528	7.1	36
97	Hydrocarbon charge history of the Tazhong Ordovician reservoirs, Tarim Basin as revealed from an integrated fluid inclusion study. <i>Petroleum Exploration and Development</i> , 2013 , 40, 183-193	4.5	35
96	Unique chemical and isotopic characteristics and origins of natural gases in the Paleozoic marine formations in the Sichuan Basin, SW China: Isotope fractionation of deep and high mature carbonate reservoir gases. <i>Marine and Petroleum Geology</i> , 2018 , 89, 68-82	4.7	33
95	Authigenic minerals related to wettability and their impacts on oil accumulation in tight sandstone reservoirs: An example from the Lower Cretaceous Quantou Formation in the southern Songliao Basin, China. <i>Journal of Asian Earth Sciences</i> , 2019 , 178, 173-192	2.8	29
94	Mineral composition and seal condition implicated in pore structure development of organic-rich Longmaxi shales, Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2018 , 98, 507-522	4.7	29
93	Fluorescence evidence of polar hydrocarbon interaction on mineral surfaces and implications to alteration of reservoir wettability. <i>Journal of Petroleum Science and Engineering</i> , 2003 , 39, 275-285	4.4	28
92	Investigation of pore size effects on adsorption behavior of shale gas. <i>Marine and Petroleum Geology</i> , 2019 , 109, 1-8	4.7	27
91	Molecular dynamics study of CO ₂ sorption and transport properties in coal. <i>Fuel</i> , 2016 , 177, 53-62	7.1	27
90	Genesis and distribution pattern of carbonate cements in lacustrine deep-water gravity-flow sandstone reservoirs in the third member of the Shahejie Formation in the Dongying Sag, Jiyang Depression, Eastern China. <i>Marine and Petroleum Geology</i> , 2018 , 92, 547-564	4.7	26
89	Coupled mineral alteration and oil degradation in thermal oil-water-feldspar systems and implications for organic-inorganic interactions in hydrocarbon reservoirs. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 248, 61-87	5.5	25
88	Post-rift Tectonic History of the Songliao Basin, NE China: Cooling Events and Post-rift Unconformities Driven by Orogenic Pulses From Plate Boundaries. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 2363-2395	3.6	24
87	Geological controls on the accumulation of shale gas: A case study of the early Cambrian shale in the Upper Yangtze area. <i>Marine and Petroleum Geology</i> , 2019 , 107, 423-437	4.7	22
86	Genesis and depositional model of subaqueous sediment gravity-flow deposits in a lacustrine rift basin as exemplified by the Eocene Shahejie Formation in the Jiyang Depression, Eastern China. <i>Marine and Petroleum Geology</i> , 2019 , 102, 231-257	4.7	20
85	Petrological characterization and reactive transport simulation of a high-water-cut oil reservoir in the Southern Songliao Basin, Eastern China for CO ₂ sequestration. <i>International Journal of Greenhouse Gas Control</i> , 2015 , 37, 191-212	4.2	19
84	Effect of sedimentary heterogeneities on hydrocarbon accumulations in the Permian Shanxi Formation, Ordos Basin, China: Insight from an integrated stratigraphic forward and petroleum system modelling. <i>Marine and Petroleum Geology</i> , 2016 , 76, 412-431	4.7	19

83	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	14.7	19
82	Sedimentary controls on the sequence stratigraphic architecture in intra-cratonic basins: An example from the Lower Permian Shanxi Formation, Ordos Basin, northern China. <i>Marine and Petroleum Geology</i> , 2013 , 45, 42-54	4.7	18
81	Characterization of lacustrine mixed fine-grained sedimentary rocks using coupled chemostratigraphic-petrographic analysis: A case study from a tight oil reservoir in the Jimusar Sag, Junggar Basin. <i>Marine and Petroleum Geology</i> , 2019 , 99, 453-472	4.7	18
80	Fractal characteristics of the pore structures of fine-grained, mixed sedimentary rocks from the Jimsar Sag, Junggar Basin: Implications for lacustrine tight oil accumulations. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 182, 106363	4.4	16
79	Chemo-sedimentary facies analysis of fine-grained sediment formations: An example from the Lucaogou Fm in the Jimusaer sag, Junggar Basin, NW China. <i>Marine and Petroleum Geology</i> , 2019 , 110, 388-402	4.7	16
78	Chemostratigraphy and sedimentary facies analysis of the Permian Lucaogou Formation in the Jimusaer Sag, Junggar Basin, NW China: Implications for tight oil exploration. <i>Journal of Asian Earth Sciences</i> , 2019 , 178, 96-111	2.8	16
77	A method for determining oil-bearing pore size distribution in shales: A case study from the Damintun Sag, China. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 166, 673-678	4.4	15
76	Forward stratigraphic modelling of the shallow-water delta system in the Poyang Lake, southern China. <i>Journal of Geochemical Exploration</i> , 2014 , 144, 74-83	3.8	15
75	Diagenesis and evolution of the lower Eocene red-bed sandstone reservoirs in the Dongying Depression, China. <i>Marine and Petroleum Geology</i> , 2018 , 94, 230-245	4.7	14
74	Origin and evolution processes of hybrid event beds in the Lower Cretaceous of the Lingshan Island, Eastern China. <i>Australian Journal of Earth Sciences</i> , 2018 , 65, 517-534	1.4	14
73	Quantitative evaluation of gas generation from the Upper Paleozoic coal, mudstone and limestone source rocks in the Ordos Basin, China. <i>Journal of Asian Earth Sciences</i> , 2019 , 178, 224-241	2.8	14
72	Critical factors controlling shale gas adsorption mechanisms on Different Minerals Investigated Using GCMC simulations. <i>Marine and Petroleum Geology</i> , 2019 , 100, 31-42	4.7	14
71	Hydrocarbon charge history of the Silurian bituminous sandstone reservoirs in the Tazhong uplift, Tarim Basin, China. <i>AAPG Bulletin</i> , 2011 , 95, 395-412	2.5	13
70	Computer simulation of the influence of basin physiography on condensed section deposition and maximum flooding. <i>Sedimentary Geology</i> , 1998 , 122, 181-191	2.8	13
69	Factors controlling reservoir properties and hydrocarbon accumulation of the Eocene lacustrine beach-bar sandstones in the Dongying Depression, Bohai Bay Basin, China. <i>Marine and Petroleum Geology</i> , 2019 , 99, 1-16	4.7	13
68	A unified model for the formation and distribution of both conventional and unconventional hydrocarbon reservoirs. <i>Geoscience Frontiers</i> , 2021 , 12, 695-711	6	13
67	Fluid-rock interactions during continuous diagenesis of sandstone reservoirs and their effects on reservoir porosity. <i>Sedimentology</i> , 2017 , 64, 1303-1321	3.3	12
66	A Sedimentological Approach to Upscaling. <i>Transport in Porous Media</i> , 2002 , 46, 285-310	3.1	12

65	Post-rift anomalous thermal flux in the Songliao Basin, NE China, as revealed from fission track thermochronology and tectonic analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 508, 148-165	2.9	11
64	Pore connectivity characterization of shale using integrated wood- metal impregnation, microscopy, tomography, tracer mapping and porosimetry. <i>Fuel</i> , 2020 , 259, 116248	7.1	11
63	Mass transfer between mudstone-sandstone interbeds during diagenesis as revealed from the type and distribution of carbonate cements in the Eocene beach-bar sandstones, Bohai Bay Basin. <i>Marine and Petroleum Geology</i> , 2019 , 110, 21-34	4.7	10
62	Direct evidence for fluid overpressure during hydrocarbon generation and expulsion from organic-rich shales. <i>Geology</i> , 2020 , 48, 374-378	5	10
61	The role of biodegradable surfactant in microbial enhanced oil recovery. <i>Journal of Petroleum Science and Engineering</i> , 2020 , 189, 106688	4.4	10
60	Nanopore Structure and Fractal Characteristics of Lacustrine Shale: Implications for Shale Gas Storage and Production Potential. <i>Nanomaterials</i> , 2019 , 9,	5.4	9
59	Pore throat size distribution and oiliness of tight sands-A case study of the Southern Songliao Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2020 , 184, 106508	4.4	9
58	Determining permeability cut-off values for net pay study of a low-permeability clastic reservoir: A case study of the Dongying Sag, eastern China. <i>Journal of Petroleum Science and Engineering</i> , 2019 , 178, 262-271	4.4	8
57	Pore-scale oil distribution in shales of the Qingshankou formation in the Changling Sag, Songliao Basin, NE China. <i>Marine and Petroleum Geology</i> , 2020 , 120, 104553	4.7	8
56	Diagenetic variations with respect to sediment composition and paleo-fluids evolution in conglomerate reservoirs: A case study of the Triassic Baikouquan Formation in Mahu Sag, Junggar Basin, Northwestern China. <i>Journal of Petroleum Science and Engineering</i> , 2021 , 197, 107943	4.4	8
55	Diagenetic history and reservoir evolution of tight sandstones in the second member of the Upper Triassic Xujiahe Formation, western Sichuan Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2021 , 201, 108451	4.4	7
54	Petroleum charge history of deeply buried carbonate reservoirs in the Shuntuoguole Low Uplift, Tarim Basin, west China. <i>Marine and Petroleum Geology</i> , 2021 , 128, 105063	4.7	7
53	Formation condition of deep gas reservoirs in tight sandstones in Kuqa Foreland Basin. <i>Petroleum Research</i> , 2018 , 3, 346-358	1.4	7
52	Effects of Dolomitization on Porosity during Various Sedimentation-Diagenesis Processes in Carbonate Reservoirs. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 574	2.4	6
51	Applications of Light Stable Isotopes (C, O, H) in the Study of Sandstone Diagenesis: A Review. <i>Acta Geologica Sinica</i> , 2019 , 93, 213-226	0.7	5
50	Determining the Occurrence of Oil in Micro/Nanopores of Tight Sand: A New Approach Using Environmental Scanning Electron Microscopy Combined with Energy-Dispersive Spectrometry. <i>Energy & Fuels</i> , 2018 , 32, 4885-4893	4.1	5
49	Characterization of Paleogene hydrothermal events and their effects on reservoir properties in the Qikou Sag, eastern China. <i>Journal of Petroleum Science and Engineering</i> , 2016 , 146, 1226-1241	4.4	5
48	Three-dimensional characterization of micro-fractures in shale reservoir rocks. <i>Petroleum Research</i> , 2018 , 3, 259-268	1.4	5

47	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	4.7	5
46	The potential occurrence modes of hydrocarbons in asphaltene matrix and its geochemical implications. <i>Fuel</i> , 2020 , 278, 118233	7.1	4
45	An Experimental and Numerical Study of CO ₂ Brine-Synthetic Sandstone Interactions under High-Pressure (P) and Temperature (T) Reservoir Conditions. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3354	2.6	4
44	Origin of deep-water fine-grained sediments as revealed from the Lower Cretaceous rifting basin sequence in the Lingshan Island, Yellow Sea, Eastern China. <i>Journal of Asian Earth Sciences</i> , 2019 , 186, 104065	2.8	4
43	Identifying flow units by FA-assisted SSOM: An example from the Eocene basin-floor-fan turbidite reservoirs in the Daluhu Oilfield, Dongying Depression, Bohai Bay Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2020 , 186, 106695	4.4	4
42	Estimating stratal completeness of carbonate deposition via process-based stratigraphic forward modeling. <i>Science China Earth Sciences</i> , 2021 , 64, 253-259	4.6	4
41	Gravity-flow deposits caused by different initiation processes in a deep-lake system. <i>AAPG Bulletin</i> , 2020 , 104, 1463-1499	2.5	3
40	Factors influencing oil saturation and exploration fairways in the lower cretaceous Quantou Formation tight sandstones, Southern Songliao Basin, China. <i>Energy Exploration and Exploitation</i> , 2018 , 36, 1061-1085	2.1	3
39	Modification of Eclipse simulator for microbial enhanced oil recovery. <i>Journal of Petroleum Exploration and Production</i> , 2019 , 9, 2247-2261	2.2	3
38	Direct dating Paleo-fluid flow events in sedimentary basins. <i>Chemical Geology</i> , 2022 , 588, 120642	4.2	3
37	Pore Connectivity Characterization Using Coupled Wood's Metal Intrusion and High-Resolution Imaging: A Case of the Silurian Longmaxi Shales From the Sichuan Basin, China. <i>Frontiers in Earth Science</i> , 2021 , 9,	3.5	3
36	Pore Structure Characterization of Eocene Low-Permeability Sandstones via Fractal Analysis and Machine Learning: An Example from the Dongying Depression, Bohai Bay Basin, China. <i>ACS Omega</i> , 2021 , 6, 11693-11710	3.9	3
35	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	3.2	3
34	Characterization of Pore Structures and Implications for Flow Transport Property of Tight Reservoirs: A Case Study of the Lucaogou Formation, Jimsar Sag, Junggar Basin, Northwestern China. <i>Energies</i> , 2021 , 14, 1251	3.1	3
33	Direct Rubidium-Strontium Dating of Hydrocarbon Charge Using Small Authigenic Illitic Clay Aliquots from the Silurian Bituminous Sandstone in the Tarim Basin, NW China. <i>Scientific Reports</i> , 2019 , 9, 12565	4.9	2
32	Microstructure-based multi-scale evaluation of fluid flow in an anthracite coal sample with partially-percolating voxels. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2019 , 27, 065003	2	2
31	An experimental study of CO ₂ -oil-brine-rock interaction under in situ reservoir conditions. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 2526-2542	3.6	2
30	Coupled effects of temperature and solution compositions on metasomatic dolomitization: Significance and implication for the formation mechanism of carbonate reservoir. <i>Journal of Hydrology</i> , 2021 , 604, 127199	6	2

29	Anatomy of Eastern Niger Rift Basin with Specific References of Its Petroleum Systems. <i>International Journal of Geosciences</i> , 2020 , 11, 305-324	0.4	2
28	Formation of zoned ankerite in gravity-flow sandstones in the Linnan Sag, Bohai Bay Basin, eastern China: Evidence of episodic fluid flow revealed from in-situ trace elemental analysis. <i>Marine and Petroleum Geology</i> , 2020 , 113, 104139	4.7	2
27	An Innovative Percolation Theory-based Method for Characterizing Shale Pore Connectivity. <i>Acta Geologica Sinica</i> ,	0.7	2
26	New method to predict porosity loss during sandstone compaction based on packing texture. <i>Marine and Petroleum Geology</i> , 2021 , 133, 105228	4.7	2
25	Assessment of petroleum system elements and migration pattern of Borno (Chad) Basin, northeastern Nigeria. <i>Journal of Petroleum Science and Engineering</i> , 2022 , 208, 109505	4.4	2
24	Fluid Inclusion Re-equilibration in Carbonate Rock Caused by Freezing during Microthermometric Analysis. <i>Acta Geologica Sinica</i> , 2020 , 94, 580-582	0.7	1
23	Tectono-sedimentary evolution of the Late Ediacaran to early Cambrian trough in central Sichuan Basin, China: New insights from 3D stratigraphic forward modelling. <i>Precambrian Research</i> , 2020 , 350, 105826	3.9	1
22	Transformation of a Large Ancient Oil Reservoir to a Dry Gas Reservoir: A Case Study of the Kela-2 Gas Field in the Kuqa Foreland Basin, NW China. <i>Geofluids</i> , 2022 , 2022, 1-16	1.5	1
21	First Direct Dating of Alteration of Paleo-Oil Pools Using Rubidium-Strontium Pyrite Geochronology. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 606	2.4	1
20	Deep-water gravity flow deposits in a lacustrine rift basin and their oil and gas geological significance in eastern China. <i>Petroleum Exploration and Development</i> , 2021 , 48, 286-298	4.5	1
19	Identification, segregation, and characterization of individual cracks in three dimensions. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021 , 138, 104615	6	1
18	HYDROCARBON ACCUMULATION PROCESSES IN THE YANGTAKE FOLDBELT, KUQA FORELAND BASIN, NW CHINA: INSIGHTS FROM INTEGRATED BASIN MODELLING AND FLUID INCLUSION ANALYSES. <i>Journal of Petroleum Geology</i> , 2018 , 41, 447-466	1.9	1
17	Evolution of a deeply-buried oil reservoir in the north Shuntuoguole Low Uplift, Tarim Basin, western China: Insights from molecular geochemistry and ReOs geochronology. <i>Marine and Petroleum Geology</i> , 2021 , 134, 105365	4.7	1
16	Syn-rift to post-rift tectonic transition and drainage reorganization in continental rifting basins: Detrital zircon analysis from the Songliao Basin, NE China. <i>Geoscience Frontiers</i> , 2022 , 13, 101377	6	1
15	Depositional elements and evolution of gravity-flow deposits on Lingshan Island (Eastern China): An integrated outcrop-subsurface study. <i>Marine and Petroleum Geology</i> , 2022 , 138, 105566	4.7	0
14	Effects of gypsum-salt rock on mineral transformations in a saline lacustrine basin: Significance to reservoir development. <i>Journal of Petroleum Science and Engineering</i> , 2022 , 211, 110240	4.4	0
13	Hydrocarbon accumulation depth limit and implications for potential resources prediction. <i>Gondwana Research</i> , 2021 , 103, 389-389	5.1	0
12	Influence of crystal nucleus and lattice defects on dolomite growth: Geological implications for carbonate reservoirs. <i>Chemical Geology</i> , 2022 , 587, 120631	4.2	0

11	Evaluation of pore-scale wettability in the tight sandstone reservoirs of the Upper Triassic Yanchang Formation, Ordos Basin, China. <i>Marine and Petroleum Geology</i> , 2022 , 138, 105528	4.7	○
10	Geomorphologic Evolution of Northern Tibetan Plateau in the Quaternary: Tectonic and Climatic Controls. <i>Interpretation</i> , 1-56	1.4	○
9	Effect of Fluid Pressure and Pore Structure on Tight Sand Gas Saturation Evidence from Micro-CT Simulation Experiment. <i>SPE Reservoir Evaluation and Engineering</i> , 2020 , 23, 879-895	2.3	○
8	Impact of chlorites on the wettability of tight oil sandstone reservoirs in the Upper Triassic Yanchang Formation, Ordos Basin, China. <i>Science China Earth Sciences</i> , 2021 , 64, 951-961	4.6	○
7	Revisiting Rhenium-Osmium Isotopic Investigations of Petroleum Systems: From Geochemical Behaviours to Geological Interpretations. <i>Journal of Earth Science (Wuhan, China)</i> , 2021 , 32, 1226	2.2	○
6	Applying NMR T2 Spectral Parameters in Pore Structure Evaluation An Example from an Eocene Low-Permeability Sandstone Reservoir. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8027	2.6	○
5	Interactions between hydrocarbon-bearing fluids and calcite in fused silica capillary capsules and geological implications for deeply-buried hydrocarbon reservoirs. <i>Science China Earth Sciences</i> , 2022 , 65, 299-316	4.6	○
4	Evolution of Ordovician YJ1X ultra-deep oil reservoir in the Yuecan oilfield, Tarim Basin, NW China. <i>Petroleum Exploration and Development</i> , 2022 , 49, 300-312	4.5	○
3	Hydrocarbon accumulations in the Permian Shanxi Formation (Ordos Basin, China) as controlled by sedimentary heterogeneities 2022 , 125-151		
2	Sedimentary environment constraints on the diagenetic evolution of clastic reservoirs: Examples from the Eocene Bed-bed and Gray-bed in the Dongying Depression, China. <i>Marine and Petroleum Geology</i> , 2021 , 131, 105153	4.7	
1	Multi-energy X-ray CT and data-constrained modeling of shale 3D microstructure. <i>Materialprüfung/Materials Testing</i> , 2022 , 64, 105-115	1.9	