

Keyu Liu

List of Publications by Year in descending order

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125
papers

4,035
citations

117453

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127
all docs

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127
times ranked

2211
citing authors

#	ARTICLE	IF	CITATIONS
1	Tight gas sandstone reservoirs in China: characteristics and recognition criteria. <i>Journal of Petroleum Science and Engineering</i> , 2012, 88-89, 82-91.	2.1	365
2	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.	6.6	209
3	Combined Monte Carlo and molecular dynamics simulation of methane adsorption on dry and moist coal. <i>Fuel</i> , 2014, 122, 186-197.	3.4	195
4	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.	4.0	173
5	Molecular simulation of CO ₂ –CH ₄ competitive adsorption and induced coal swelling. <i>Fuel</i> , 2015, 160, 309-317.	3.4	147
6	Oil generation as the dominant overpressure mechanism in the Cenozoic Dongying depression, Bohai Bay Basin, China. <i>AAPG Bulletin</i> , 2010, 94, 1859-1881.	0.7	131
7	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.	1.2	123
8	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.	0.9	114
9	Quantitative fluorescence techniques for detecting residual oils and reconstructing hydrocarbon charge history. <i>Organic Geochemistry</i> , 2005, 36, 1023-1036.	0.9	105
10	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.	1.5	98
11	Adsorption Behavior of Hydrocarbon on Illite. <i>Energy & Fuels</i> , 2016, 30, 9114-9121.	2.5	94
12	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.	1.6	93
13	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.	1.5	80
14	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
15	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.	1.5	71
16	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.	1.5	60
17	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.	0.9	57
18	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.	3.4	55

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19	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.	1.6	53
20	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.	1.5	52
21	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.	1.5	52
22	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.	3.0	51
23	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.	1.5	51
24	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.	1.6	50
25	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.	6.6	50
26	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.	1.4	45
27	Investigation of pore size effects on adsorption behavior of shale gas. <i>Marine and Petroleum Geology</i> , 2019, 109, 1-8.	1.5	45
28	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.	1.5	45
29	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.	1.5	44
30	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.	1.5	44
31	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.	1.0	42
32	Molecular dynamics study of CO ₂ sorption and transport properties in coal. <i>Fuel</i> , 2016, 177, 53-62.	3.4	41
33	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.	1.5	41
34	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.	1.5	41
35	Direct evidence for fluid overpressure during hydrocarbon generation and expulsion from organic-rich shales. <i>Geology</i> , 2020, 48, 374-378.	2.0	37
36	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.	2.1	34

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37	A unified model for the formation and distribution of both conventional and unconventional hydrocarbon reservoirs. <i>Geoscience Frontiers</i> , 2021, 12, 695-711.	4.3	34
38	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.	1.5	32
39	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.	1.0	32
40	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.	2.3	27
41	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.	1.5	26
42	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.	0.4	24
43	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.	2.1	24
44	Critical factors controlling shale gas adsorption mechanisms on Different Minerals Investigated Using GCMC simulations. <i>Marine and Petroleum Geology</i> , 2019, 100, 31-42.	1.5	22
45	Pore connectivity characterization of shale using integrated wood's metal impregnation, microscopy, tomography, tracer mapping and porosimetry. <i>Fuel</i> , 2020, 259, 116248.	3.4	22
46	The role of biodegradable surfactant in microbial enhanced oil recovery. <i>Journal of Petroleum Science and Engineering</i> , 2020, 189, 106688.	2.1	22
47	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.	2.1	22
48	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.	1.5	21
49	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.	1.0	21
50	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.	1.5	20
51	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.	1.0	20
52	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.	1.5	20
53	Nanopore Structure and Fractal Characteristics of Lacustrine Shale: Implications for Shale Gas Storage and Production Potential. <i>Nanomaterials</i> , 2019, 9, 390.	1.9	20
54	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.	1.5	20

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55	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.	2.1	19
56	Computer simulation of the influence of basin physiography on condensed section deposition and maximum flooding. <i>Sedimentary Geology</i> , 1998, 122, 181-191.	1.0	18
57	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.	1.5	18
58	A Sedimentological Approach to Upscaling. <i>Transport in Porous Media</i> , 2002, 46, 285-310.	1.2	17
59	Fluid-rock interactions during continuous diagenesis of sandstone reservoirs and their effects on reservoir porosity. <i>Sedimentology</i> , 2017, 64, 1303-1321.	1.6	17
60	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.	1.5	17
61	Study on brittleness templates for shale gas reservoirs-A case study of Longmaxi shale in Sichuan Basin, southern China. <i>Petroleum Science</i> , 2021, 18, 1370-1389.	2.4	17
62	Hydrocarbon charge history of the Silurian bituminous sandstone reservoirs in the Tazhong uplift, Tarim Basin, China. <i>AAPG Bulletin</i> , 2011, 95, 395-412.	0.7	16
63	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.	2.1	16
64	Two-phase flow in heterogeneous porous media: A multiscale digital model approach. <i>International Journal of Heat and Mass Transfer</i> , 2022, 194, 123080.	2.5	16
65	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.	2.1	15
66	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.	2.1	15
67	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.	1.0	13
68	Gravity-flow deposits caused by different initiation processes in a deep-lake system. <i>AAPG Bulletin</i> , 2020, 104, 1463-1499.	0.7	13
69	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.	1.5	12
70	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.	3.0	12
71	Three-dimensional characterization of micro-fractures in shale reservoir rocks. <i>Petroleum Research</i> , 2018, 3, 259-268.	1.6	11
72	The potential occurrence modes of hydrocarbons in asphaltene matrix and its geochemical implications. <i>Fuel</i> , 2020, 278, 118233.	3.4	11

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73	Evolution of a deeply-buried oil reservoir in the north Shuntuoguole Low Uplift, Tarim Basin, western China: Insights from molecular geochemistry and Re–Os geochronology. <i>Marine and Petroleum Geology</i> , 2021, 134, 105365.	1.5	11
74	Formation condition of deep gas reservoirs in tight sandstones in Kuqa Foreland Basin. <i>Petroleum Research</i> , 2018, 3, 346-358.	1.6	10
75	An Experimental and Numerical Study of CO ₂ –Brine–Synthetic Sandstone Interactions under High-Pressure (P)–Temperature (T) Reservoir Conditions. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3354.	1.3	10
76	Effects of Dolomitization on Porosity during Various Sedimentation-Diagenesis Processes in Carbonate Reservoirs. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 574.	0.8	10
77	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.	1.6	10
78	Hydrocarbon accumulation depth limit and implications for potential resources prediction. <i>Gondwana Research</i> , 2022, 103, 389-400.	3.0	10
79	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> , 2022, 604, 127199.	2.3	10
80	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.	4.3	10
81	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.	2.5	9
82	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.	2.1	8
83	Modification of Eclipse simulator for microbial enhanced oil recovery. <i>Journal of Petroleum Exploration and Production</i> , 2019, 9, 2247-2261.	1.2	8
84	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.	2.1	8
85	Direct dating Paleo-fluid flow events in sedimentary basins. <i>Chemical Geology</i> , 2022, 588, 120642.	1.4	8
86	Influence of crystal nucleus and lattice defects on dolomite growth: Geological implications for carbonate reservoirs. <i>Chemical Geology</i> , 2022, 587, 120631.	1.4	8
87	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.	1.5	8
88	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.	1.5	7
89	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.	0.8	7
90	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.	1.2	7

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91	Estimating stratal completeness of carbonate deposition via process-based stratigraphic forward modeling. <i>Science China Earth Sciences</i> , 2021, 64, 253-259.	2.3	7
92	Revisiting Rhenium-Osmium Isotopic Investigations of Petroleum Systems: From Geochemical Behaviours to Geological Interpretations. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 1226-1249.	1.1	7
93	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.	2.1	7
94	Growth and linkage of normal faults experiencing multiple non-coaxial extension: A case from the Qikou Sag, Bohai Bay Basin, East China. <i>Basin Research</i> , 2022, 34, 748-770.	1.3	7
95	An experimental study of C_2O_2 -brine-rock interaction under in situ reservoir conditions. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2526-2542.	1.0	6
96	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.	1.5	6
97	Anatomy of Eastern Niger Rift Basin with Specific References of Its Petroleum Systems. <i>International Journal of Geosciences</i> , 2020, 11, 305-324.	0.2	6
98	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.	3.0	6
99	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.	1.8	5
100	New method to predict porosity loss during sandstone compaction based on packing texture. <i>Marine and Petroleum Geology</i> , 2021, 133, 105228.	1.5	5
101	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, .	0.8	4
102	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.	1.1	3
103	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.	0.9	3
104	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.	0.8	3
105	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.	1.6	3
106	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.	1.6	3
107	Identification, segregation, and characterization of individual cracks in three dimensions. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 138, 104615.	2.6	3
108	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.	2.3	3

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109	An Innovative Percolation Theory-based Method for Characterizing Shale Pore Connectivity. <i>Acta Geologica Sinica</i> , 0, , .	0.8	3
110	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.	1.3	3
111	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.	1.5	3
112	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.	2.1	3
113	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.	2.3	3
114	Fluid Inclusion Re-equilibration in Carbonate Rock Caused by Freezing during Microthermometric Analysis. <i>Acta Geologica Sinica</i> , 2020, 94, 580-582.	0.8	2
115	Geomorphologic evolution of the northern Tibetan Plateau in the Quaternary: Tectonic and climatic controls. <i>Interpretation</i> , 2022, 10, T57-T72.	0.5	2
116	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.	1.1	1
117	First Direct Dating of Alteration of Paleo-Oil Pools Using Rubidium-Strontium Pyrite Geochronology. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 606.	0.8	1
118	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.	0.3	1
119	Introduction to special section: Mapping of depositional systems — Bohai Bay Basin, Eastern China. <i>Interpretation</i> , 2020, 8, SFi-SFi.	0.5	0
120	Sedimentary environment constraints on the diagenetic evolution of clastic reservoirs: Examples from the Eocene —bed and —gray-bed in the Dongying Depression, China. <i>Marine and Petroleum Geology</i> , 2021, 131, 105153.	1.5	0
121	<i>A Special Issue on</i> Progress in Nanogeosciences. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 1-9.	0.9	0
122	Hydrocarbon accumulations in the Permian Shanxi Formation (Ordos Basin, China) as controlled by sedimentary heterogeneities. , 2022, , 125-151.		0
123	Multi-energy X-ray CT and data-constrained modeling of shale 3D microstructure. <i>Materialprüfung/Materials Testing</i> , 2022, 64, 105-115.	0.8	0
124	â…âžâ«æ²¹æ”ç†âœ°æ±â±,âˆ’Æé•žçÿ³çŒŽâ±‘â²©â,â±,é•žçÿ³æ°ŕèsæŽŸâŠæˆ”è@è†âŠâ…ŕæ²¹æ”âœ°èˆˆæ,,â†â. SCIENTIA SINICA		
125	Factors controlling carbonate slope failures: Insight from stratigraphic forward modelling. <i>Earth-Science Reviews</i> , 2022, 232, 104108.	4.0	0