

Jian Cao

List of Publications by Year in descending order

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117
papers

2,815
citations

201658

27
h-index

233409

45
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119
all docs

119
docs citations

119
times ranked

1239
citing authors

#	ARTICLE	IF	CITATIONS
1	The Permian hybrid petroleum system in the northwest margin of the Junggar Basin, northwest China. <i>Marine and Petroleum Geology</i> , 2005, 22, 331-349.	3.3	173
2	Trace and rare earth element geochemistry of Jurassic mudstones in the northern Qaidam Basin, northwest China. <i>Chemie Der Erde</i> , 2012, 72, 245-252.	2.0	169
3	An alkaline lake in the Late Paleozoic Ice Age (LPIA): A review and new insights into paleoenvironment and petroleum geology. <i>Earth-Science Reviews</i> , 2020, 202, 103091.	9.1	138
4	Petroleum migration and mixing in the northwestern Junggar Basin (NW China): constraints from oil-bearing fluid inclusion analyses. <i>Organic Geochemistry</i> , 2006, 37, 827-846.	1.8	103
5	Diagenetic constraints on the heterogeneity of tight sandstone reservoirs: A case study on the Upper Triassic Xujiahe Formation in the Sichuan Basin, southwest China. <i>Marine and Petroleum Geology</i> , 2018, 92, 650-669.	3.3	75
6	A unique lacustrine mixed dolomitic-clastic sequence for tight oil reservoir within the middle Permian Lucaogou Formation of the Junggar Basin, NW China: Reservoir characteristics and origin. <i>Marine and Petroleum Geology</i> , 2016, 76, 115-132.	3.3	73
7	Episodic petroleum fluid migration in fault zones of the northwestern Junggar Basin (northwest) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	70
8	Geochemistry and origins of natural gases in the central Junggar Basin, northwest China. <i>Organic Geochemistry</i> , 2012, 53, 166-176.	1.8	68
9	Geochemistry and origin of natural gas in the petroliferous Mahu sag, northwestern Junggar Basin, NW China: Carboniferous marine and Permian lacustrine gas systems. <i>Organic Geochemistry</i> , 2016, 100, 62-79.	1.8	59
10	Improved understanding of petroleum migration history in the Hongche fault zone, northwestern Junggar Basin (northwest China): Constrained by vein-calcite fluid inclusions and trace elements. <i>Marine and Petroleum Geology</i> , 2010, 27, 61-68.	3.3	57
11	Dissolution and its impacts on reservoir formation in moderately to deeply buried strata of mixed siliciclastic-carbonate sediments, northwestern Qaidam Basin, northwest China. <i>Marine and Petroleum Geology</i> , 2013, 39, 124-137.	3.3	57
12	A review of carbonates as hydrocarbon source rocks: basic geochemistry and oil-gas generation. <i>Petroleum Science</i> , 2019, 16, 713-728.	4.9	57
13	Deep hydrocarbons in the northwestern Junggar Basin (NW China): Geochemistry, origin, and implications for the oil vs. gas generation potential of post-mature saline lacustrine source rocks. <i>Marine and Petroleum Geology</i> , 2019, 109, 623-640.	3.3	51
14	Source characterization of highly mature pyrobitumens using trace and rare earth element geochemistry: Sinian-Paleozoic paleo-oil reservoirs in South China. <i>Organic Geochemistry</i> , 2015, 83-84, 77-93.	1.8	50
15	Unsynchronized evolution of salinity and pH of a Permian alkaline lake influenced by hydrothermal fluids: A multi-proxy geochemical study. <i>Chemical Geology</i> , 2020, 541, 119581.	3.3	50
16	Authigenic clay minerals and calcite dissolution influence reservoir quality in tight sandstones: Insights from the central Junggar Basin, NW China. <i>Energy Geoscience</i> , 2020, 1, 8-19.	2.9	50
17	Discovery of oil bitumen co-existing with solid bitumen in the Lower Cambrian Longwangmiao giant gas reservoir, Sichuan Basin, southwestern China: Implications for hydrocarbon accumulation process. <i>Organic Geochemistry</i> , 2017, 108, 61-81.	1.8	44
18	Mechanism of Organic Matter Accumulation in Residual Bay Environments: The Early Cretaceous Qiangtang Basin, Tibet. <i>Energy & Fuels</i> , 2018, 32, 1024-1037.	5.1	44

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19	Origin of early Cambrian black-shale-hosted barite deposits in South China: Mineralogical and geochemical studies. <i>Journal of Asian Earth Sciences</i> , 2015, 106, 79-94.	2.3	42
20	Hydrocarbon generation capability of Sinian "Lower Cambrian shale, mudstone, and carbonate rocks in the Sichuan Basin, southwestern China: Implications for contributions to the giant Sinian Dengying natural gas accumulation. <i>AAPG Bulletin</i> , 2018, 102, 817-853.	1.5	41
21	Multiple-stage migration and accumulation of Permian lacustrine mixed oils in the central Junggar Basin (NW China). <i>Marine and Petroleum Geology</i> , 2015, 59, 187-201.	3.3	40
22	Thermochemical oxidation of methane induced by high-valence metal oxides in a sedimentary basin. <i>Nature Communications</i> , 2018, 9, 5131.	12.8	37
23	Seawater normalized REE patterns of dolomites in Geshan and Panlongdong sections, China: Implications for tracing dolomitization and diagenetic fluids. <i>Marine and Petroleum Geology</i> , 2014, 56, 63-73.	3.3	36
24	Discovery of syngenetic and eogenetic karsts in the Middle Ordovician gypsum-bearing dolomites of the eastern Ordos Basin (central China) and their heterogeneous impact on reservoir quality. <i>Marine and Petroleum Geology</i> , 2019, 99, 190-207.	3.3	34
25	Discovery of shale oil in alkaline lacustrine basins: The Late Paleozoic Fengcheng Formation, Mahu Sag, Junggar Basin, China. <i>Petroleum Science</i> , 2021, 18, 1281-1293.	4.9	34
26	Organic clots and their differential accumulation of Ni and Mo within early Cambrian black-shale-hosted polymetallic Ni-Mo deposits, Zunyi, South China. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 531-536.	2.3	29
27	Analyzing hydrocarbon fractions in crude oils by two-dimensional gas chromatography/time-of-flight mass spectrometry under reversed-phase column system. <i>Fuel</i> , 2015, 158, 191-199.	6.4	29
28	Reevaluating the source and accumulation of tight oil in the middle Permian Lucaogou Formation of the Junggar Basin, China. <i>Marine and Petroleum Geology</i> , 2020, 117, 104384.	3.3	28
29	Neoproterozoic postglacial paleoenvironment and hydrocarbon potential: A review and new insights from the Doushantuo Formation Sichuan Basin, China. <i>Earth-Science Reviews</i> , 2021, 212, 103453.	9.1	27
30	Hydrocarbon generation potential of Triassic mudstones in the Junggar Basin, northwest China. <i>AAPG Bulletin</i> , 2014, 98, 1885-1906.	1.5	26
31	Multi-stage primary and secondary hydrocarbon migration and accumulation in lacustrine Jurassic petroleum systems in the northern Qaidam Basin, NW China. <i>Marine and Petroleum Geology</i> , 2015, 62, 90-101.	3.3	26
32	Coupling of paleoenvironment and biogeochemistry of deep-time alkaline lakes: A lipid biomarker perspective. <i>Earth-Science Reviews</i> , 2021, 213, 103499.	9.1	26
33	Fluctuation of organic carbon isotopes of the Lower Cretaceous in coastal southeastern China: Terrestrial response to the Oceanic Anoxic Events (OAE1b). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 352-362.	2.3	25
34	Geochemistry and origin of natural gas in the eastern Junggar Basin, NW China. <i>Marine and Petroleum Geology</i> , 2016, 75, 240-251.	3.3	25
35	Petrologic and geochemical evidence for the formation of organic-rich siliceous rocks of the Late Permian Dalong Formation, Lower Yangtze region, southern China. <i>Marine and Petroleum Geology</i> , 2019, 103, 41-54.	3.3	25
36	Oldest preserved sodium carbonate evaporite: Late Paleozoic Fengcheng Formation, Junggar Basin, NW China. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1465-1482.	3.3	25

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37	Possible origin of 25-norhopanes in Jurassic organic-poor mudstones from the northern Qaidam Basin (NW China). <i>Organic Geochemistry</i> , 2008, 39, 1058-1065.	1.8	24
38	Controls on shale oil accumulation in alkaline lacustrine settings: Late Paleozoic Fengcheng Formation, northwestern Junggar Basin. <i>Marine and Petroleum Geology</i> , 2021, 129, 105107.	3.3	24
39	A new constraint on the antiquity of ancient haloalkaliphilic green algae that flourished in a ca. 300 Ma Paleozoic lake. <i>Geobiology</i> , 2021, 19, 147-161.	2.4	23
40	Analysis of terpanes in biodegraded oils from China using comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Fuel</i> , 2014, 133, 153-162.	6.4	22
41	Marine to brackish depositional environments of the Jurassic–Cretaceous Suowa Formation, Qiangtang Basin (Tibet), China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 473, 41-56.	2.3	22
42	A comparative study of experimental maturation of peat, brown coal and subbituminous coal: Implications for coalification. <i>International Journal of Coal Geology</i> , 2006, 66, 108-118.	5.0	21
43	Hydrocarbon potential and depositional environment of the Lower Cretaceous black mudstones and shales in the coastal Guangdong Province, China. <i>Marine and Petroleum Geology</i> , 2019, 99, 92-106.	3.3	21
44	Oceanic anoxia through the late Permian Changhsingian Stage in the Lower Yangtze region, South China: Evidence from sulfur isotopes and trace elements. <i>Chemical Geology</i> , 2020, 532, 119371.	3.3	21
45	Characterization of compounds in unresolved complex mixtures (UCM) of a Mesoproterozoic shale by using GC–GC-TOFMS. <i>Marine and Petroleum Geology</i> , 2015, 66, 791-800.	3.3	20
46	Hydrocarbon evolution of the over-mature Sinian Dengying reservoir of the Neoproterozoic Sichuan Basin, China: Insights from Re–Os geochronology. <i>Marine and Petroleum Geology</i> , 2020, 122, 104726.	3.3	20
47	Deciphering the Early Cretaceous transgression in coastal southeastern China: Constraints based on petrography, paleontology and geochemistry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 317-318, 182-195.	2.3	19
48	New understandings of Ni–Mo mineralization in early Cambrian black shales of South China: Constraints from variations in organic matter in metallic and non-metallic intervals. <i>Ore Geology Reviews</i> , 2014, 59, 73-82.	2.7	19
49	Fluid–rock interaction and its effects on the Upper Triassic tight sandstones in the Sichuan Basin, China: Insights from petrographic and geochemical study of carbonate cements. <i>Sedimentary Geology</i> , 2019, 383, 121-135.	2.1	19
50	Mechanism of ultra-deep gas accumulation at thrust fronts in the Longmenshan Mountains, lower Permian Sichuan Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 83, 103533.	4.4	19
51	Shale oil in saline lacustrine systems: A perspective of complex lithologies of fine-grained rocks. <i>Marine and Petroleum Geology</i> , 2020, 116, 104351.	3.3	19
52	A review of polymetallic mineralization in lower Cambrian black shales in South China: Combined effects of seawater, hydrothermal fluids, and biological activity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 561, 110073.	2.3	19
53	Diamondoid Characterization in Condensate by Comprehensive Two-Dimensional Gas Chromatography with Time-of-Flight Mass Spectrometry: The Junggar Basin of Northwest China. <i>International Journal of Molecular Sciences</i> , 2012, 13, 11399-11410.	4.1	18
54	Cretaceous source rocks and associated oil and gas resources in the world and China: A review. <i>Petroleum Science</i> , 2014, 11, 331-345.	4.9	18

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55	Organic geochemistry and petrology of Lower Cretaceous black shales in the Qiangtang Basin, Tibet: Implications for hydrocarbon potential. <i>Organic Geochemistry</i> , 2015, 86, 55-70.	1.8	18
56	Reconstructing large-scale karst paleogeomorphology at the top of the Ordovician in the Ordos Basin, China: Control on natural gas accumulation and paleogeographic implications. <i>Energy Science and Engineering</i> , 2019, 7, 3234-3254.	4.0	18
57	Fourier-Transform Infrared Proxies for Oil Source and Maturity: Insights from the Early Permian Alkaline Lacustrine System, Junggar Basin (NW China). <i>Energy & Fuels</i> , 2019, 33, 10704-10717.	5.1	18
58	Co-evolution of paleo-environment and bio-precursors in a Permian alkaline lake, Mahu mega-oil province, Junggar Basin: Implications for oil sources. <i>Science China Earth Sciences</i> , 2022, 65, 462-476.	5.2	18
59	Major elements trace hydrocarbon sources in over-mature petroleum systems: Insights from the Sinian Sichuan Basin, China. <i>Precambrian Research</i> , 2020, 343, 105726.	2.7	17
60	How marine incursion influences the quality of lacustrine source rocks: The Paleogene Nanxiang Basin, eastern China. <i>AAPG Bulletin</i> , 2019, 103, 1071-1096.	1.5	14
61	Origin of giant vein-type bitumen deposits in the northwestern Junggar Basin, NW China: Implications for fault-controlled hydrocarbon accumulation. <i>Journal of Asian Earth Sciences</i> , 2019, 179, 287-299.	2.3	14
62	Organic geochemistry, petrology, and conventional and unconventional hydrocarbon resource potential of Paleogene saline source rocks in eastern China: The Biyang Sag of the Nanxiang Basin. <i>Marine and Petroleum Geology</i> , 2019, 101, 343-354.	3.3	14
63	Marinoan glacial aftermath in South China: Paleo-environmental evolution and organic carbon accumulation in the Doushantuo shales. <i>Chemical Geology</i> , 2020, 555, 119838.	3.3	14
64	Benthic macro red alga: A new possible bio-precursor of Jurassic mudstone source rocks in the northern Qaidam Basin, northwestern China. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 647-654.	0.9	13
65	Cretaceous and Paleogene saline lacustrine source rocks discovered in the southern Junggar Basin, NW China. <i>Journal of Asian Earth Sciences</i> , 2019, 185, 104019.	2.3	13
66	Stratigraphic correlations and occurrence patterns of two sets of Lower Cretaceous black shales in coastal southeastern China and geological implications: insights from zircon U–Pb ages. <i>Geological Journal</i> , 2017, 52, 594-608.	1.3	12
67	In situ Raman spectroscopic quantification of CH ₄ –CO ₂ mixture: application to fluid inclusions hosted in quartz veins from the Longmaxi Formation shales in Sichuan Basin, southwestern China. <i>Petroleum Science</i> , 2020, 17, 23-35.	4.9	12
68	Water-level and redox fluctuations in a Sichuan Basin lacustrine system coincident with the Toarcian OAE. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 558, 109942.	2.3	12
69	Elemental geochemistry proxies recover original hydrogen index values and total organic carbon contents of over-mature shales: Lower Cambrian South China. <i>Chemical Geology</i> , 2021, 562, 120049.	3.3	12
70	The distribution, hydrocarbon potential, and development of the Lower Cretaceous black shales in coastal southeastern China. <i>Journal of Palaeogeography</i> , 2017, 6, 333-351.	1.9	12
71	Mn content of reservoir calcite cement: A novel inorganic geotracer of secondary petroleum migration in the tectonically complex Junggar Basin (NW China). <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1796-1809.	0.9	11
72	Zircon U–Pb dating of the Shipu limestone in Zhejiang Province, coastal southeast China: Implications for the Early Cretaceous environment. <i>Cretaceous Research</i> , 2012, 37, 65-75.	1.4	11

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73	Organic geochemical identification of reservoir oil-gas-water layers in the Junggar Basin, NW China. <i>Marine and Petroleum Geology</i> , 2014, 57, 594-602.	3.3	11
74	On the internal oil migration in shale systems and implications for shale oil accumulation: A combined petrological and geochemical investigation in the Eocene Nanxiang Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2020, 184, 106493.	4.2	11
75	Artificial bacterial degradation and hydrous pyrolysis of suberin: Implications for hydrocarbon generation of suberinite. <i>Organic Geochemistry</i> , 2012, 47, 22-33.	1.8	10
76	Spatiotemporal evolution of a Late Paleozoic alkaline lake in the Junggar Basin, China. <i>Marine and Petroleum Geology</i> , 2021, 124, 104799.	3.3	10
77	Natural gas accumulation in the basin-mountain transition zone, northwestern Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2021, 133, 105305.	3.3	10
78	Marine carbonate reservoirs formed in evaporite sequences in sedimentary basins: A review and new model of epeiric basin-scale moldic reservoirs. <i>Earth-Science Reviews</i> , 2021, 223, 103860.	9.1	10
79	Nuclear magnetic resonance spectroscopy of crude oil as proxies for oil source and thermal maturity based on ¹ H and ¹³ C spectra. <i>Fuel</i> , 2020, 271, 117622.	6.4	9
80	Revised age of the Fengcheng Formation, Junggar Basin, China: Global implications for the late Paleozoic ice age. <i>Global and Planetary Change</i> , 2022, 208, 103725.	3.5	9
81	Dynamic paleokarst geochemistry within 130 Myr in the Middle Ordovician Shanganning carbonate platform, North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 591, 110879.	2.3	9
82	Complex petroleum migration and accumulation in central region of southern Junggar basin, Northwest China. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 83-93.	3.2	8
83	Mineralogy of Early Cambrian Nonmetamorphic Polymetallic Black Shale at the Sancha Deposit, South China: Implications for Ore Genesis. <i>Resource Geology</i> , 2015, 65, 1-12.	0.8	8
84	Origin of unresolved complex mixtures (UCMs) in biodegraded oils: Insights from artificial biodegradation experiments. <i>Fuel</i> , 2018, 231, 53-60.	6.4	8
85	Investigating biological nitrogen cycling in lacustrine systems by FT-ICR-MS analysis of nitrogen-containing compounds in petroleum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 556, 109887.	2.3	8
86	Fluid inclusion evidence for extreme overpressure induced by gas generation in sedimentary basins. <i>Geology</i> , 2022, 50, 765-770.	4.4	8
87	Analyzing crude oils from the Junggar Basin (NW China) using comprehensive two-dimensional gas chromatography coupled with time-of-flight mass spectrometry (GC-TOFMS). <i>Acta Geochimica</i> , 2017, 36, 66-73.	1.7	7
88	The forming mechanism of high quality glutenite reservoirs in Baikouquan formation at the Eastern slope of Mahu sag of the Junggar basin, China. <i>Petroleum Science and Technology</i> , 2019, 37, 1665-1674.	1.5	7
89	Chemometric Classification of Crude Oils in Complex Petroleum Systems Using t-Distributed Stochastic Neighbor Embedding Machine Learning Algorithm. <i>Energy & Fuels</i> , 2020, 34, 5884-5899.	5.1	7
90	Dynamic biogeochemical cycling and mineralization of manganese of hydrothermal origin after the Marinoan glaciation. <i>Chemical Geology</i> , 2021, 584, 120502.	3.3	7

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91	Absence of $\hat{\text{I}}^2$ -carotane as proxies of hydrothermal activity in brackish lacustrine sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 587, 110801.	2.3	7
92	Fluid-rock interactions and porosity genesis in deep clastic reservoirs: A perspective of differential oil charge intensity. <i>Marine and Petroleum Geology</i> , 2022, 137, 105508.	3.3	7
93	Detection of water in petroleum inclusions and its implications. <i>Science Bulletin</i> , 2006, 51, 1501-1507.	9.0	6
94	Characteristics and formation processes of (Ba, K, NH ₄)-feldspar and cymrite from a lower Cambrian black shale sequence in Anhui Province, South China. <i>Mineralogical Magazine</i> , 2018, 82, 1-21.	1.4	6
95	Isotopic evidence for the formation of 25-norhopanes via in situ biodegradation in the Permian Lucaogou shales, southern Junggar Basin. <i>Organic Geochemistry</i> , 2022, 163, 104334.	1.8	6
96	Modified LB model for simulation of gas flow in shale pore systems by introducing end effects and local effective mean free path. <i>Journal of Petroleum Science and Engineering</i> , 2022, 212, 110285.	4.2	5
97	Response of nitrogen isotopes to paleo-environment and organic carbon accumulation in a Late Paleozoic alkaline lake, Junggar Basin. <i>Chemical Geology</i> , 2022, 602, 120884.	3.3	5
98	Lacustrine redox variations in the Toarcian Sichuan Basin across the Jenkyns Event. <i>Global and Planetary Change</i> , 2022, 215, 103860.	3.5	5
99	Identification of NW-Trending Faults in the Northwestern Junggar Basin (NW China) and its Significance of Hydrocarbon Migration. <i>Energy Exploration and Exploitation</i> , 2011, 29, 251-265.	2.3	4
100	Geochemistry and Origins of Natural Gases in the Southwestern Junggar Basin, Northwest China. <i>Energy Exploration and Exploitation</i> , 2012, 30, 707-725.	2.3	4
101	Tightness and sweet spot formation in moldic-pore-type dolomite reservoirs: The middle Ordovician Majiagou Formation in the eastern Ordos Basin, central China. <i>Petroleum</i> , 2019, 5, 341-351.	2.8	4
102	Insights into Carboniferous subduction-related petroleum systems in the Central Asian Orogenic Belt (CAOB) from hydrocarbons in vein calcite cements, West Junggar, northwest China. <i>Marine and Petroleum Geology</i> , 2021, 124, 104796.	3.3	4
103	Diagenetic fluid controls chemical compositions of authigenic chlorite in clastic reservoirs. <i>Marine and Petroleum Geology</i> , 2022, 137, 105520.	3.3	4
104	The Au-Hosting Minerals and Process of Formation of the Carlin-Type Bojitian Deposit, Southwestern China. <i>Geofluids</i> , 2017, 2017, 1-22.	0.7	3
105	Multivariate Statistical Analysis Reveals the Heterogeneity of Lacustrine Tight Oil Accumulation in the Middle Permian Jimusar Sag, Junggar Basin, NW China. <i>Geofluids</i> , 2020, 2020, 1-14.	0.7	3
106	Revisiting Controls on Shale Oil Accumulation in Saline Lacustrine Basins: The Permian Lucaogou Formation Mixed Rocks, Junggar Basin. <i>Geofluids</i> , 2021, 2021, 1-25.	0.7	3
107	Linkages between nitrogen cycling, nitrogen isotopes, and environmental properties in paleo-lake basins. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2359-2372.	3.3	3
108	Deep-Buried Triassic Oil-Source Correlation in the Central Junggar Basin, NW China. <i>Geofluids</i> , 2017, 2017, 1-17.	0.7	2

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109	Probing Dynamics and Wettability of Water and Oil in Conventional and Unconventional Sandstone Rock Cores by Field-Cycling NMR Relaxometry. <i>Energy & Fuels</i> , 2019, 33, 10583-10592.	5.1	2
110	Geochemistry and Genesis of Oil and Gas Seeps in the Junggar Basin, NW China: Implications for Hybrid Petroleum Systems. <i>Geofluids</i> , 2019, 2019, 1-26.	0.7	2
111	Application of Nuclear Magnetic Resonance (NMR) Spectroscopy to Lacustrine Kerogen Geochemistry: Paleogene Dongpu Sag, China. <i>Energy & Fuels</i> , 2021, 35, 1234-1247.	5.1	2
112	Lattice Boltzmann Simulations on Shale Gas Flow in Slit Micro/Nanopores in Kerogen and Prediction of Cut Off Pore Throat. <i>Energy & Fuels</i> , 2020, 34, 15995-16005.	5.1	2
113	Diverse oil and gas seeps in the southern Junggar Basin, NW China (piedmont Northern Tian Shan): Origins and links to tectono-sedimentary evolution. <i>Geological Journal</i> , 2020, 55, 3497-3521.	1.3	1
114	Deformation of the Northwestern Junggar Basin (Che-Guai Region, Northwest China) and Implications for Hydrocarbon Accumulation. <i>Journal of Geology</i> , 2020, 128, 45-68.	1.4	1
115	Chemically Active Elements of Reservoir Quartz Cement Trace Hydrocarbon Migration in the Mahu Sag, Junggar Basin, NW China. <i>Geofluids</i> , 2021, 2021, 1-19.	0.7	1
116	Biomarker geochemistry of marine organic matter in the Hushan and Chaohu areas, Lower Yangtze region. <i>Diqiu Huaxue</i> , 2011, 30, 145-152.	0.5	0
117	Controls of Deep-Seated Faults and Folds on Hydrocarbon Fluid Migration and Accumulation in Sedimentary Basins: A Case Study from the Northwestern Sichuan Basin, China. <i>Geofluids</i> , 2021, 2021, 1-15.	0.7	0