

# Shuichang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3374443/publications.pdf>

Version: 2024-02-01

128  
papers

4,786  
citations

87888

38  
h-index

110387

64  
g-index

132  
all docs

132  
docs citations

132  
times ranked

1942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sufficient oxygen for animal respiration 1,400 million years ago. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1731-1736.	7.1	259
2	Geochemistry of Palaeozoic marine petroleum from the Tarim Basin, NW China: Part 1. Oil family classification. Organic Geochemistry, 2005, 36, 1204-1214.	1.8	229
3	Petroleum geology of the Puguang sour gas field in the Sichuan Basin, SW China. Marine and Petroleum Geology, 2008, 25, 357-370.	3.3	187
4	Highly fractionated chromium isotopes in Mesoproterozoic-aged shales and atmospheric oxygen. Nature Communications, 2018, 9, 2871.	12.8	130
5	The effects of calcite and montmorillonite on oil cracking in confined pyrolysis experiments. Organic Geochemistry, 2010, 41, 611-626.	1.8	127
6	Diamondoid hydrocarbons as a molecular proxy for thermal maturity and oil cracking: Geochemical models from hydrous pyrolysis. Organic Geochemistry, 2007, 38, 227-249.	1.8	124
7	Geochemistry of Palaeozoic marine petroleum from the Tarim Basin, NW China. Part 2: Maturity assessment. Organic Geochemistry, 2005, 36, 1215-1225.	1.8	120
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. Organic Geochemistry, 2011, 42, 1394-1410.	1.8	114
9	Orbital forcing of climate 1.4 billion years ago. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1406-13.	7.1	110
10	Palaeozoic oil-source correlation in the Tarim Basin, NW China: A review. Organic Geochemistry, 2016, 94, 32-46.	1.8	110
11	Isotopic evidence of TSR origin for natural gas bearing high H <sub>2</sub> S contents within the Feixianguan Formation of the northeastern Sichuan Basin, southwestern China. Science in China Series D: Earth Sciences, 2005, 48, 1960.	0.9	103
12	Geochemistry and origin of sour gas accumulations in the northeastern Sichuan Basin, SW China. Organic Geochemistry, 2005, 36, 1703-1716.	1.8	95
13	The occurrence of ultra-deep heavy oils in the Tabei Uplift of the Tarim Basin, NW China. Organic Geochemistry, 2012, 52, 88-102.	1.8	92
14	Alteration and multi-stage accumulation of oil and gas in the Ordovician of the Tabei Uplift, Tarim Basin, NW China: Implications for genetic origin of the diverse hydrocarbons. Marine and Petroleum Geology, 2013, 46, 234-250.	3.3	89
15	The abnormal distribution of the molecular fossils in the pre-Cambrian and Cambrian: its biological significance. Science in China Series D: Earth Sciences, 2002, 45, 193-200.	0.9	85
16	Gas genetic type and origin of hydrogen sulfide in the Zhongba gas field of the western Sichuan Basin, China. Applied Geochemistry, 2011, 26, 1261-1273.	3.0	81
17	Fundamental studies on kinetic isotope effect (KIE) of hydrogen isotope fractionation in natural gas systems. Geochimica Et Cosmochimica Acta, 2011, 75, 2696-2707.	3.9	81
18	Geochemistry of Paleozoic marine oils from the Tarim Basin, NW China. Part 4: Paleobiodegradation and oil charge mixing. Organic Geochemistry, 2014, 67, 41-57.	1.8	81

#	ARTICLE	IF	CITATIONS
19	Geochemical characteristics of the Zhaolanzhuang sour gas accumulation and thermochemical sulfate reduction in the Jixian Sag of Bohai Bay Basin. <i>Organic Geochemistry</i> , 2005, 36, 1717-1730.	1.8	68
20	Geochemical evidence for coal-derived hydrocarbons and their charge history in the Dabei Gas Field, Kuqa Thrust Belt, Tarim Basin, NW China. <i>Marine and Petroleum Geology</i> , 2011, 28, 1364-1375.	3.3	68
21	Molecular fossils and oil-source rock correlations in Tarim Basin, NW China. <i>Science Bulletin</i> , 2002, 47, 20-27.	1.7	67
22	Gas systems in the Kuche Depression of the Tarim Basin: Source rock distributions, generation kinetics and gas accumulation history. <i>Organic Geochemistry</i> , 2005, 36, 1583-1601.	1.8	67
23	Oxygen, climate and the chemical evolution of a 1400 million year old tropical marine setting. <i>Numerische Mathematik</i> , 2017, 317, 861-900.	1.4	67
24	Petroleum geological conditions and exploration importance of Proterozoic to Cambrian in China. <i>Petroleum Exploration and Development</i> , 2018, 45, 1-14.	7.0	67
25	A Mesoproterozoic iron formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3895-E3904.	7.1	61
26	Geochemistry of petroleum systems in the eastern Pearl River Mouth Basin: evidence for mixed oils. <i>Organic Geochemistry</i> , 2003, 34, 971-991.	1.8	58
27	Thermal cracking history by laboratory kinetic simulation of Paleozoic oil in eastern Tarim Basin, NW China, implications for the occurrence of residual oil reservoirs. <i>Organic Geochemistry</i> , 2006, 37, 1803-1815.	1.8	57
28	Synthesis of hydrocarbon gases from four different carbon sources and hydrogen gas using a gold-tube system by Fischer-Tropsch method. <i>Chemical Geology</i> , 2013, 349-350, 27-35.	3.3	51
29	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.	3.3	51
30	The Xiamaling oil shale generated through Rhodophyta over 800 Ma ago. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 527-535.	0.9	47
31	Ultra-deep liquid hydrocarbon exploration potential in cratonic region of the Tarim Basin inferred from gas condensate genesis. <i>Fuel</i> , 2015, 160, 583-595.	6.4	46
32	Origin of the Neogene shallow gas accumulations in the Jiyang Superdepression, Bohai Bay Basin. <i>Organic Geochemistry</i> , 2005, 36, 1650-1663.	1.8	44
33	Natural gas origins of large and medium-scale gas fields in China sedimentary basins. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1-13.	0.9	44
34	The oxic degradation of sedimentary organic matter 1400‰Ma constrains atmospheric oxygen levels. <i>Biogeosciences</i> , 2017, 14, 2133-2149.	3.3	43
35	Relationship between the later strong gas-charging and the improvement of the reservoir capacity in deep Ordovician carbonate reservoir in Tazhong area, Tarim Basin. <i>Science Bulletin</i> , 2009, 54, 3076-3089.	1.7	41
36	Charging time of tight gas in the Upper Paleozoic of the Ordos Basin, central China. <i>Organic Geochemistry</i> , 2013, 64, 38-46.	1.8	41

#	ARTICLE	IF	CITATIONS
37	Paleoenvironmental proxies and what the Xiamaling Formation tells us about the mid-Proterozoic ocean. <i>Geobiology</i> , 2019, 17, 225-246.	2.4	41
38	Hydrocarbon generation characteristics and exploration prospects of Proterozoic source rocks in China. <i>Science China Earth Sciences</i> , 2019, 62, 909-934.	5.2	41
39	Geochemistry and origin of the giant Quaternary shallow gas accumulations in the eastern Qaidam Basin, NW China. <i>Organic Geochemistry</i> , 2005, 36, 1636-1649.	1.8	40
40	Geochemistry of Paleozoic marine petroleum from the Tarim Basin, NW China: Part 5. Effect of maturation, TSR and mixing on the occurrence and distribution of alkyldibenzothiophenes. <i>Organic Geochemistry</i> , 2015, 86, 5-18.	1.8	40
41	Biogenic gas systems in eastern Qaidam Basin. <i>Marine and Petroleum Geology</i> , 2008, 25, 344-356.	3.3	37
42	Ruthenium-ion-catalyzed oxidation of asphaltenes of heavy oils in Lunnan and Tahe oilfields in Tarim Basin, NW China. <i>Organic Geochemistry</i> , 2008, 39, 1502-1511.	1.8	37
43	Identification and distribution of marine hydrocarbon source rocks in the Ordovician and Cambrian of the Tarim Basin. <i>Petroleum Exploration and Development</i> , 2012, 39, 305-314.	7.0	37
44	The evolution of chemical groups and isotopic fractionation at different maturation stages during lignite pyrolysis. <i>Fuel</i> , 2018, 211, 492-506.	6.4	37
45	The modern phosphorus cycle informs interpretations of Mesoproterozoic Era phosphorus dynamics. <i>Earth-Science Reviews</i> , 2020, 208, 103267.	9.1	36
46	Geochemistry of coal-measure source rocks and natural gases in deep formations in Songliao Basin, NE China. <i>International Journal of Coal Geology</i> , 2010, 84, 276-285.	5.0	34
47	Stable hydrogen and carbon isotopic ratios of coal-derived and oil-derived gases: A case study in the Tarim basin, NW China. <i>International Journal of Coal Geology</i> , 2013, 116-117, 302-313.	5.0	33
48	Contrasting Mo-U enrichments of the basal Datangpo Formation in South China: Implications for the Cryogenian interglacial ocean redox. <i>Precambrian Research</i> , 2018, 315, 66-74.	2.7	33
49	Kinetic modeling of individual gaseous component formed from coal in a confined system. <i>Organic Geochemistry</i> , 2006, 37, 932-943.	1.8	32
50	Detection of 2-thiaadamantanes in the oil from Well TZ-83 in Tarim Basin and its geological implication. <i>Science Bulletin</i> , 2008, 53, 396-401.	1.7	32
51	Secondary accumulation of hydrocarbons in Carboniferous reservoirs in the northern Tarim Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2013, 102, 10-26.	4.2	32
52	Equilibrium and non-equilibrium controls on the abundances of clumped isotopologues of methane during thermogenic formation in laboratory experiments: Implications for the chemistry of pyrolysis and the origins of natural gases. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 159-174.	3.9	32
53	Induced H <sub>2</sub> S formation during steam injection recovery process of heavy oil from the Liaohe Basin, NE China. <i>Journal of Petroleum Science and Engineering</i> , 2010, 71, 30-36.	4.2	31
54	Geochemistry of alkylbenzenes in the Paleozoic oils from the Tarim Basin, NW China. <i>Organic Geochemistry</i> , 2014, 77, 126-139.	1.8	31

#	ARTICLE	IF	CITATIONS
55	Origin of diamondoid and sulphur compounds in the Tazhong Ordovician condensate, Tarim Basin, China: Implications for hydrocarbon exploration in deep-buried strata. <i>Marine and Petroleum Geology</i> , 2015, 62, 14-27.	3.3	31
56	Genetic origin of sour gas condensates in the Paleozoic dolomite reservoirs of the Tazhong Uplift, Tarim Basin. <i>Marine and Petroleum Geology</i> , 2015, 68, 107-119.	3.3	30
57	Significance of source rock heterogeneities: A case study of Mesoproterozoic Xiamaling Formation shale in North China. <i>Petroleum Exploration and Development</i> , 2017, 44, 32-39.	7.0	30
58	Petrographic carbon in ancient sediments constrains Proterozoic Era atmospheric oxygen levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	30
59	The migration fractionation: an important mechanism in the formation of condensate and waxy oil. <i>Science Bulletin</i> , 2000, 45, 1341-1344.	1.7	29
60	Adjustment and alteration of hydrocarbon reservoirs during the Late Himalayan Period, Tarim Basin, NW China. <i>Petroleum Exploration and Development</i> , 2012, 39, 712-724.	7.0	28
61	The speciation of aqueous sulfate and its implication on the initiation mechanisms of TSR at different temperatures. <i>Applied Geochemistry</i> , 2014, 43, 121-131.	3.0	27
62	Discussion of gas enrichment mechanism and natural gas origin in marine sedimentary basin, China. <i>Science Bulletin</i> , 2007, 52, 62-76.	1.7	26
63	Controls on biogenic gas formation in the Qaidam Basin, northwestern China. <i>Chemical Geology</i> , 2013, 335, 36-47.	3.3	26
64	Fundamental geological elements for the occurrence of Chinese marine oil and gas accumulations. <i>Science Bulletin</i> , 2007, 52, 28-43.	1.7	25
65	Timing of biogenic gas formation in the eastern Qaidam Basin, NW China. <i>Chemical Geology</i> , 2013, 352, 70-80.	3.3	25
66	Experimental and theoretical studies on kinetics for thermochemical sulfate reduction of oil, C <sub>2</sub> H <sub>6</sub> and methane. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 59-72.	5.5	25
67	Eukaryotic red and green algae populated the tropical ocean 1400 million years ago. <i>Precambrian Research</i> , 2021, 357, 106166.	2.7	25
68	The distribution of the oil derived from Cambrian source rocks in Lunnan area, the Tarim Basin, China. <i>Science Bulletin</i> , 2007, 52, 133-140.	1.7	22
69	Geochemical characterization of secondary microbial gas occurrence in the Songliao Basin, NE China. <i>Organic Geochemistry</i> , 2011, 42, 781-790.	1.8	22
70	Pyrolysis involving n-hexadecane, water and minerals: Insight into the mechanisms and isotope fractionation for water-hydrocarbon reaction. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 130, 198-208.	5.5	22
71	TSR promotes the formation of oil-cracking gases: Evidence from simulation experiments. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 451-455.	0.9	20
72	Marine redox variations during the Ediacaran-Cambrian transition on the Yangtze Platform, South China. <i>Geological Journal</i> , 2018, 53, 58-79.	1.3	20

#	ARTICLE	IF	CITATIONS
73	The Mesoproterozoic Oxygenation Event. <i>Science China Earth Sciences</i> , 2021, 64, 2043-2068.	5.2	20
74	Oil-source correlation in Tertiary deltaic petroleum systems: A comparative study of the Beaufort-Mackenzie Basin in Canada and the Pearl River Mouth Basin in China. <i>Organic Geochemistry</i> , 2008, 39, 1170-1175.	1.8	19
75	Biogeochemical identification of the Quaternary biogenic gas source rock in the Sanhu Depression, Qaidam Basin. <i>Organic Geochemistry</i> , 2014, 73, 101-108.	1.8	18
76	Origin of conventional and shale gas in Sinian lower Paleozoic strata in the Sichuan Basin: Relayed gas generation from liquid hydrocarbon cracking. <i>AAPG Bulletin</i> , 2019, 103, 1265-1296.	1.5	18
77	Reply to Planavsky et al.: Strong evidence for high atmospheric oxygen levels 1,400 million years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2552-3.	7.1	17
78	Identification of petroleum aromatic fraction by comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Science Bulletin</i> , 2010, 55, 2039-2045.	1.7	16
79	Using cyclostratigraphic evidence to define the unconformity caused by the Mesoproterozoic Qinyu Uplift in the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2021, 206, 104608.	2.3	16
80	A discussion on gas sources of the Feixianguan Formation H <sub>2</sub> S-rich giant gas fields in the northeastern Sichuan Basin. <i>Science Bulletin</i> , 2007, 52, 113-124.	1.7	15
81	Developmental modes of the Neoproterozoic-Lower Paleozoic marine hydrocarbon source rocks in China. <i>Science Bulletin</i> , 2007, 52, 77-91.	1.7	15
82	The effect of biodegradation on bound biomarkers released from intermediate-temperature gold-tube pyrolysis of severely biodegraded Athabasca bitumen. <i>Fuel</i> , 2020, 263, 116669.	6.4	14
83	A novel method for isolation of diamondoids from crude oils for compound-specific isotope analysis. <i>Organic Geochemistry</i> , 2011, 42, 566-571.	1.8	13
84	Gas generation potential and processes of Athabasca oil sand bitumen from gold tube pyrolysis experiments. <i>Fuel</i> , 2019, 239, 804-813.	6.4	13
85	Tracking the evolution of seawater Mo isotopes through the Ediacaran-Cambrian transition. <i>Precambrian Research</i> , 2020, 350, 105929.	2.7	13
86	Occurrence of heavy carbon dioxide of organic origin: Evidence from confined dry pyrolysis of coal. <i>Chemical Geology</i> , 2013, 358, 54-60.	3.3	12
87	The upper thermal maturity limit of primary gas generated from marine organic matters. <i>Marine and Petroleum Geology</i> , 2018, 89, 120-129.	3.3	12
88	The aerobic diagenesis of Mesoproterozoic organic matter. <i>Scientific Reports</i> , 2018, 8, 13324.	3.3	12
89	Evolution of the 1.8-1.6 Ga Yanliao and Xiong'er basins, north China Craton. <i>Precambrian Research</i> , 2021, 365, 106383.	2.7	12
90	Mesoproterozoic marine biological carbon pump: Source, degradation, and enrichment of organic matter. <i>Chinese Science Bulletin</i> , 2022, 67, 1624-1643.	0.7	12

#	ARTICLE	IF	CITATIONS
91	Mechanism of catalytic hydrolysis of sedimentary organic matter with MoS <sub>2</sub> . <i>Petroleum Science</i> , 2011, 8, 134-142.	4.9	11
92	Upper thermal maturity limit for gas generation from humic coal. <i>International Journal of Coal Geology</i> , 2015, 152, 123-131.	5.0	11
93	Carbon and hydrogen isotope fractionation for methane from non-isothermal pyrolysis of oil in anhydrous and hydrothermal conditions. <i>Energy Exploration and Exploitation</i> , 2019, 37, 1558-1576.	2.3	11
94	New chronological and paleontological evidence for Paleoproterozoic eukaryote distribution and stratigraphic correlation between the Yanliao and Xiong'er basins, North China Craton. <i>Precambrian Research</i> , 2022, 371, 106577.	2.7	10
95	Discussion on marine source rocks thermal evolution patterns in the Tarim Basin and Sichuan Basin, west China. <i>Science Bulletin</i> , 2007, 52, 141-149.	1.7	9
96	Comparison of geochemical parameters derived from comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry and conventional gas chromatography-mass spectrometry. <i>Science China Earth Sciences</i> , 2011, 54, 1892-1901.	5.2	9
97	Effects of U-ore on the chemical and isotopic composition of products of hydrous pyrolysis of organic matter. <i>Petroleum Science</i> , 2017, 14, 315-329.	4.9	9
98	A kind of coccooid dinoflagellates-like fossils gives a new explanation of source of dinosterane in the Early-Middle Cambrian. <i>Science Bulletin</i> , 2001, 46, 420-422.	1.7	8
99	Relations between spatial distribution and sequence types of the Cambrian-Ordovician marine source rocks in Tarim Basin. <i>Science Bulletin</i> , 2007, 52, 92-102.	1.7	8
100	Geochemical evidence for strong ongoing methanogenesis in Sanhu region of Qaidam Basin. <i>Science China Earth Sciences</i> , 2010, 53, 84-90.	5.2	8
101	An astronomically calibrated stratigraphy of the Mesoproterozoic Hongshuizhuang Formation, North China: Implications for pre-Phanerozoic changes in Milankovitch orbital parameters. <i>Journal of Asian Earth Sciences</i> , 2020, 199, 104408.	2.3	8
102	Recognizing the pathways of microbial methanogenesis through methane isotopologues in the subsurface biosphere. <i>Earth and Planetary Science Letters</i> , 2021, 566, 116960.	4.4	8
103	The environmental context of carbonaceous compressions and implications for organism preservation 1.40 Ga and 0.63 Ga. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 573, 110449.	2.3	8
104	New Insight into the Kinetics of Deep Liquid Hydrocarbon Cracking and Its Significance. <i>Geofluids</i> , 2017, 2017, 1-11.	0.7	7
105	Hydrothermal experiments involving methane and sulfate: Insights into carbon isotope fractionation of methane during thermochemical sulfate reduction. <i>Organic Geochemistry</i> , 2020, 149, 104101.	1.8	7
106	Pyrolysis of 1-methylnaphthalene involving water: Effects of Fe-bearing minerals on the generation, C and H isotope fractionation of methane from H <sub>2</sub> O-hydrocarbon reaction. <i>Organic Geochemistry</i> , 2021, 153, 104151.	1.8	7
107	Comments by on [Organic Geochemistry 36, 1717-1730]. <i>Organic Geochemistry</i> , 2006, 37, 515-518.	1.8	6
108	The components and carbon isotope of the gases in inclusions in reservoir layers of Upper Paleozoic gas pools in the Ordos Basin, China. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 115-121.	0.9	6

#	ARTICLE	IF	CITATIONS
109	Ruthenium-ion-catalyzed oxidation of asphaltenes and oil-source correlation of heavy oils from the Lunnan and Tahe oilfields in the Tarim Basin, NW China. <i>Diqiu Huaxue</i> , 2005, 24, 28-36.	0.5	5
110	Microbial consortia controlling biogenic gas formation in the Qaidam Basin of western China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2296-2309.	3.0	5
111	Remarkable Preservation of Microfossils and Biofilms in Mesoproterozoic Silicified Bitumen Concretions from Northern China. <i>Geofluids</i> , 2017, 2017, 1-12.	0.7	4
112	Molecular and carbon isotopic evidence of pigments indicating a dynamic oceanic chemocline 1.4 billion years ago in northern China. <i>Organic Geochemistry</i> , 2021, 154, 104207.	1.8	4
113	Decoupled Cr, Mo, and U records of the Hongshuizhuang Formation, North China: Constraints on the Mesoproterozoic ocean redox. <i>Marine and Petroleum Geology</i> , 2021, 132, 105243.	3.3	4
114	Application of Cd as a paleo-environment indicator. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 585, 110749.	2.3	4
115	Multi-Element Imaging of a 1.4 Ga Authigenic Siderite Crystal. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1395.	2.0	4
116	Did high temperature rather than low O <sub>2</sub> hinder the evolution of eukaryotes in the Precambrian?. <i>Precambrian Research</i> , 2022, 378, 106755.	2.7	4
117	Sedimentary Environments of Cambrian–Ordovician Source Rocks and Ultra-deep Petroleum Accumulation in the Tarim Basin. <i>Acta Geologica Sinica</i> , 2022, 96, 1259-1276.	1.4	4
118	Characteristics and quantitative of negative ion in salt aqueous solution by Raman spectroscopy at ~170°C. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 124-132.	0.9	3
119	Geofluids in Deep Sedimentary Basins and Their Significance for Petroleum Accumulation. <i>Geofluids</i> , 2017, 2017, 1-4.	0.7	3
120	Hydrocarbon generation from bacterial biomass in ca. 1320 million years ago. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 600, 012032.	0.3	3
121	The Biomarkers in the Mesoproterozoic Organic-rich Rocks of North China Craton: Implication for the Precursor and Preservation of Organism in the Prokaryotic Realm. <i>Acta Geologica Sinica</i> , 2022, 96, 293-308.	1.4	3
122	Quantitative measurement of interaction strength between kaolinite and different oil fractions via atomic force microscopy: Implications for clay-controlled oil mobility. <i>Marine and Petroleum Geology</i> , 2021, 133, 105296.	3.3	3
123	Late Yanshan-Himalayan hydrocarbon reservoir adjustment and hydrothermal fluid activity in the central Tarim Basin. <i>Science Bulletin</i> , 2007, 52, 244-252.	1.7	2
124	Multielement Imaging Reveals the Diagenetic Features and Varied Water Redox Conditions of a Lacustrine Dolomite Nodule. <i>Geofluids</i> , 2022, 2022, 1-20.	0.7	2
125	Phase-controlled and gas-washing fractionations during the formation of petroleum reservoirs. <i>Diqiu Huaxue</i> , 2001, 20, 108-119.	0.5	1
126	The effect of biodegradation on bound aromatic hydrocarbons released from intermediate-temperature gold-tube pyrolysis of severely biodegraded Athabasca bitumen. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 163, 105497.	5.5	1



#	ARTICLE	IF	CITATIONS
127	Effects of inorganic sulfur species on hydrocarbon conversion and <sup>34</sup> S isotope fractionation during thermal maturation of Type II kerogen. <i>Organic Geochemistry</i> , 2022, 168, 104420.	1.8	1
128	Molecular carbon isotope variations in core samples taken at the Permian–Triassic boundary layers in southern China. <i>International Journal of Earth Sciences</i> , 2012, 101, 1397-1406.	1.8	0