

Shuichang Zhang

List of Publications by Year in descending order

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128
papers

4,786
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87888

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110387

64
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132
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132
docs citations

132
times ranked

1942
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Application of Cd as a paleo-environment indicator. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 585, 110749. | 2.3 | 4 |
| 3 | 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 |
| 4 | New chronological and paleontological evidence for Paleoproterozoic eukaryote distribution and stratigraphic correlation between the Yanliao and Xionggaoter basins, North China Craton. <i>Precambrian Research</i> , 2022, 371, 106577. | 2.7 | 10 |
| 5 | Mesoproterozoic marine biological carbon pump: Source, degradation, and enrichment of organic matter. <i>Chinese Science Bulletin</i> , 2022, 67, 1624-1643. | 0.7 | 12 |
| 6 | 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 |
| 7 | Effects of inorganic sulfur species on hydrocarbon conversion and 34S isotope fractionation during thermal maturation of Type II kerogen. <i>Organic Geochemistry</i> , 2022, 168, 104420. | 1.8 | 1 |
| 8 | Did high temperature rather than low O ₂ hinder the evolution of eukaryotes in the Precambrian?. <i>Precambrian Research</i> , 2022, 378, 106755. | 2.7 | 4 |
| 9 | 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 |
| 10 | Pyrolysis of 1-methylnaphthalene involving water: Effects of Fe-bearing minerals on the generation, C and H isotope fractionation of methane from H ₂ O-hydrocarbon reaction. <i>Organic Geochemistry</i> , 2021, 153, 104151. | 1.8 | 7 |
| 11 | 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 |
| 12 | 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 |
| 13 | Eukaryotic red and green algae populated the tropical ocean 1400 million years ago. <i>Precambrian Research</i> , 2021, 357, 106166. | 2.7 | 25 |
| 14 | 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 |
| 15 | 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 |
| 16 | The environmental context of carbonaceous compressions and implications for organism preservation 1.40Ga and 0.63Ga. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 573, 110449. | 2.3 | 8 |
| 17 | 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 |
| 18 | Evolution of the 1.8-1.6Ga Yanliao and Xionggaoter basins, north China Craton. <i>Precambrian Research</i> , 2021, 365, 106383. | 2.7 | 12 |

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| 19 | 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 |
| 20 | The Mesoproterozoic Oxygenation Event. <i>Science China Earth Sciences</i> , 2021, 64, 2043-2068. | 5.2 | 20 |
| 21 | Multi-Element Imaging of a 1.4 Ga Authigenic Siderite Crystal. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1395. | 2.0 | 4 |
| 22 | 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 |
| 23 | 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 |
| 24 | Tracking the evolution of seawater Mo isotopes through the Ediacaran–Cambrian transition. <i>Precambrian Research</i> , 2020, 350, 105929. | 2.7 | 13 |
| 25 | 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 |
| 26 | 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 |
| 27 | The modern phosphorus cycle informs interpretations of Mesoproterozoic Era phosphorus dynamics. <i>Earth-Science Reviews</i> , 2020, 208, 103267. | 9.1 | 36 |
| 28 | 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 |
| 29 | Experimental and theoretical studies on kinetics for thermochemical sulfate reduction of oil, C ₂ and methane. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 59-72. | 5.5 | 25 |
| 30 | Paleoenvironmental proxies and what the Xiamaling Formation tells us about the mid-Proterozoic ocean. <i>Geobiology</i> , 2019, 17, 225-246. | 2.4 | 41 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | The aerobic diagenesis of Mesoproterozoic organic matter. <i>Scientific Reports</i> , 2018, 8, 13324. | 3.3 | 12 |
| 43 | 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 |
| 44 | Highly fractionated chromium isotopes in Mesoproterozoic-aged shales and atmospheric oxygen. <i>Nature Communications</i> , 2018, 9, 2871. | 12.8 | 130 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | The oxic degradation of sedimentary organic matter 1400‰Ma constrains atmospheric oxygen levels. <i>Biogeosciences</i> , 2017, 14, 2133-2149. | 3.3 | 43 |
| 49 | Remarkable Preservation of Microfossils and Biofilms in Mesoproterozoic Silicified Bitumen Concretions from Northern China. <i>Geofluids</i> , 2017, 2017, 1-12. | 0.7 | 4 |
| 50 | New Insight into the Kinetics of Deep Liquid Hydrocarbon Cracking and Its Significance. <i>Geofluids</i> , 2017, 2017, 1-11. | 0.7 | 7 |
| 51 | Geofluids in Deep Sedimentary Basins and Their Significance for Petroleum Accumulation. <i>Geofluids</i> , 2017, 2017, 1-4. | 0.7 | 3 |
| 52 | 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 |
| 53 | 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 |
| 54 | Palaeozoic oil–source correlation in the Tarim Basin, NW China: A review. <i>Organic Geochemistry</i> , 2016, 94, 32-46. | 1.8 | 110 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | Upper thermal maturity limit for gas generation from humic coal. International Journal of Coal Geology, 2015, 152, 123-131. | 5.0 | 11 |
| 57 | Origin of diamondoid and sulphur compounds in the Tazhong Ordovician condensate, Tarim Basin, China: Implications for hydrocarbon exploration in deep-buried strata. Marine and Petroleum Geology, 2015, 62, 14-27. | 3.3 | 31 |
| 58 | 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 alkylidibenzothiophenes. Organic Geochemistry, 2015, 86, 5-18. | 1.8 | 40 |
| 59 | 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 |
| 60 | Ultra-deep liquid hydrocarbon exploration potential in cratonic region of the Tarim Basin inferred from gas condensate genesis. Fuel, 2015, 160, 583-595. | 6.4 | 46 |
| 61 | Genetic origin of sour gas condensates in the Paleozoic dolomite reservoirs of the Tazhong Uplift, Tarim Basin. Marine and Petroleum Geology, 2015, 68, 107-119. | 3.3 | 30 |
| 62 | Geochemistry of alkylbenzenes in the Paleozoic oils from the Tarim Basin, NW China. Organic Geochemistry, 2014, 77, 126-139. | 1.8 | 31 |
| 63 | The speciation of aqueous sulfate and its implication on the initiation mechanisms of TSR at different temperatures. Applied Geochemistry, 2014, 43, 121-131. | 3.0 | 27 |
| 64 | Biogeochemical identification of the Quaternary biogenic gas source rock in the Sanhu Depression, Qaidam Basin. Organic Geochemistry, 2014, 73, 101-108. | 1.8 | 18 |
| 65 | 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 |
| 66 | Secondary accumulation of hydrocarbons in Carboniferous reservoirs in the northern Tarim Basin, China. Journal of Petroleum Science and Engineering, 2013, 102, 10-26. | 4.2 | 32 |
| 67 | Charging time of tight gas in the Upper Paleozoic of the Ordos Basin, central China. Organic Geochemistry, 2013, 64, 38-46. | 1.8 | 41 |
| 68 | Controls on biogenic gas formation in the Qaidam Basin, northwestern China. Chemical Geology, 2013, 335, 36-47. | 3.3 | 26 |
| 69 | Occurrence of heavy carbon dioxide of organic origin: Evidence from confined dry pyrolysis of coal. Chemical Geology, 2013, 358, 54-60. | 3.3 | 12 |
| 70 | Timing of biogenic gas formation in the eastern Qaidam Basin, NW China. Chemical Geology, 2013, 352, 70-80. | 3.3 | 25 |
| 71 | 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 |
| 72 | Synthesis of hydrocarbon gases from four different carbon sources and hydrogen gas using a gold-tube system by Fischer-Tropsch method. Chemical Geology, 2013, 349-350, 27-35. | 3.3 | 51 |

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| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | The occurrence of ultra-deep heavy oils in the Tabei Uplift of the Tarim Basin, NW China. <i>Organic Geochemistry</i> , 2012, 52, 88-102. | 1.8 | 92 |
| 77 | 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 |
| 78 | Gas genetic type and origin of hydrogen sulfide in the Zhongba gas field of the western Sichuan Basin, China. <i>Applied Geochemistry</i> , 2011, 26, 1261-1273. | 3.0 | 81 |
| 79 | Fundamental studies on kinetic isotope effect (KIE) of hydrogen isotope fractionation in natural gas systems. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2696-2707. | 3.9 | 81 |
| 80 | 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 |
| 81 | 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 |
| 82 | Geochemical characterization of secondary microbial gas occurrence in the Songliao Basin, NE China. <i>Organic Geochemistry</i> , 2011, 42, 781-790. | 1.8 | 22 |
| 83 | 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. | 1.8 | 114 |
| 84 | Mechanism of catalytic hydropyrolysis of sedimentary organic matter with MoS ₂ . <i>Petroleum Science</i> , 2011, 8, 134-142. | 4.9 | 11 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | Induced H ₂ 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 |
| 90 | The effects of calcite and montmorillonite on oil cracking in confined pyrolysis experiments. <i>Organic Geochemistry</i> , 2010, 41, 611-626. | 1.8 | 127 |

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| 91 | 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 |
| 92 | 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 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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 |
| 96 | Biogenic gas systems in eastern Qaidam Basin. <i>Marine and Petroleum Geology</i> , 2008, 25, 344-356. | 3.3 | 37 |
| 97 | Petroleum geology of the Puguang sour gas field in the Sichuan Basin, SW China. <i>Marine and Petroleum Geology</i> , 2008, 25, 357-370. | 3.3 | 187 |
| 98 | 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 |
| 99 | 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 |
| 100 | Diamondoid hydrocarbons as a molecular proxy for thermal maturity and oil cracking: Geochemical models from hydrous pyrolysis. <i>Organic Geochemistry</i> , 2007, 38, 227-249. | 1.8 | 124 |
| 101 | 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 |
| 102 | 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 |
| 103 | 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 |
| 104 | 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 |
| 105 | A discussion on gas sources of the Feixianguan Formation H ₂ S-rich giant gas fields in the northeastern Sichuan Basin. <i>Science Bulletin</i> , 2007, 52, 113-124. | 1.7 | 15 |
| 106 | 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 |
| 107 | Developmental modes of the Neoproterozoic-Lower Paleozoic marine hydrocarbon source rocks in China. <i>Science Bulletin</i> , 2007, 52, 77-91. | 1.7 | 15 |
| 108 | Fundamental geological elements for the occurrence of Chinese marine oil and gas accumulations. <i>Science Bulletin</i> , 2007, 52, 28-43. | 1.7 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | 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 |
| 110 | Comments by on [Organic Geochemistry 36, 1717-1730]. <i>Organic Geochemistry</i> , 2006, 37, 515-518. | 1.8 | 6 |
| 111 | Kinetic modeling of individual gaseous component formed from coal in a confined system. <i>Organic Geochemistry</i> , 2006, 37, 932-943. | 1.8 | 32 |
| 112 | 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 |
| 113 | Characteristics and quantitative of negative ion in salt aqueous solution by Raman spectroscopy at $\sim 170^{\circ}\text{C}$. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 124-132. | 0.9 | 3 |
| 114 | Isotopic evidence of TSR origin for natural gas bearing high H ₂ S contents within the Feixianguan Formation of the northeastern Sichuan Basin, southwestern China. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1960. | 0.9 | 103 |
| 115 | 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 |
| 116 | Geochemistry of Palaeozoic marine petroleum from the Tarim Basin, NW China: Part 1. Oil family classification. <i>Organic Geochemistry</i> , 2005, 36, 1204-1214. | 1.8 | 229 |
| 117 | Geochemistry of Palaeozoic marine petroleum from the Tarim Basin, NW China. Part 2: Maturity assessment. <i>Organic Geochemistry</i> , 2005, 36, 1215-1225. | 1.8 | 120 |
| 118 | Geochemistry and origin of sour gas accumulations in the northeastern Sichuan Basin, SW China. <i>Organic Geochemistry</i> , 2005, 36, 1703-1716. | 1.8 | 95 |
| 119 | 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 |
| 120 | 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 |
| 121 | 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 |
| 122 | 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 |
| 123 | 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 |
| 124 | Molecular fossils and oil-source rock correlations in Tarim Basin, NW China. <i>Science Bulletin</i> , 2002, 47, 20-27. | 1.7 | 67 |
| 125 | The abnormal distribution of the molecular fossils in the pre-Cambrian and Cambrian: its biological significance. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 193-200. | 0.9 | 85 |
| 126 | Phase-controlled and gas-washing fractionations during the formation of petroleum reservoirs. <i>Diqiu Huaxue</i> , 2001, 20, 108-119. | 0.5 | 1 |

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|-----|---|-----|-----------|
| 127 | A kind of coccooid dinoflagellates-like fossils gives a new explanation of source of dinosterane in the Early-Middle Cambrian. Science Bulletin, 2001, 46, 420-422. | 1.7 | 8 |
| 128 | The migration fractionation: an important mechanism in the formation of condensate and waxy oil. Science Bulletin, 2000, 45, 1341-1344. | 1.7 | 29 |