

# Zhi Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

4,806  
citations

159525

30  
h-index

123376

61  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1777  
citing authors

#	ARTICLE	IF	CITATIONS
1	éžã,ès,,æ°â²©â±,ç³»æ²¹æ°”â½çæ^â^†â,fã,Žâ%œ™-â±•æœ». Diqu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of Geosciences, 2022, 47, 1517.	0.1	13
2	Sequence stratigraphy in post-drift river-dominated lacustrine delta deposits: A case study from the Upper Cretaceous Qingshankou Formation, northern Songliao Basin, northeastern China. Geological Journal, 2021, 56, 316-336.	0.6	3
3	Key issues and development direction of petroleum geology research of source rock strata in China. Advances in Geo-Energy Research, 2021, 5, 121-126.	3.1	31
4	Key geological factors controlling the estimated ultimate recovery of shale oil and gas: A case study of the Eagle Ford shale, Gulf Coast Basin, USA. Petroleum Exploration and Development, 2021, 48, 762-774.	3.0	19
5	Fluid Mobility Evaluation of Tight Sandstones in Chang 7 Member of Yanchang Formation, Ordos Basin. Journal of Earth Science (Wuhan, China), 2021, 32, 850-862.	1.1	15
6	Quantitative assessment of the sweet spot in marine shale oil and gas based on geology, engineering, and economics: A case study from the Eagle Ford Shale, USA. Energy Strategy Reviews, 2021, 38, 100713.	3.3	10
7	Sediment gravity-flow deposits in Late Cretaceous Songliao postrift downwarped lacustrine basin, northeastern China. Marine and Petroleum Geology, 2021, 134, 105378.	1.5	9
8	Development potential and technical strategy of continental shale oil in China. Petroleum Exploration and Development, 2020, 47, 877-887.	3.0	141
9	Exploring petroleum inside source kitchen: Shale oil and gas in Sichuan Basin. Science China Earth Sciences, 2020, 63, 934-953.	2.3	57
10	Types and resource potential of continental shale oil in China and its boundary with tight oil. Petroleum Exploration and Development, 2020, 47, 1-11.	3.0	229
11	Evaluation method for resource potential of shale oil in the Triassic Yanchang Formation of the Ordos Basin, China. Energy Exploration and Exploitation, 2020, 38, 841-866.	1.1	9
12	Three-dimensional imaging of fracture propagation in tight sandstones of the Upper Triassic Chang 7 member, Ordos Basin, Northern China. Marine and Petroleum Geology, 2020, 120, 104501.	1.5	6
13	Geological theory and exploration & development practice of hydrocarbon accumulation inside continental source kitchens. Petroleum Exploration and Development, 2020, 47, 1147-1159.	3.0	48
14	Distribution and characteristics of lacustrine tight oil reservoirs in China. Journal of Asian Earth Sciences, 2019, 178, 20-36.	1.0	51
15	Geologic significance and optimization technique of sweet spots in unconventional shale systems. Journal of Asian Earth Sciences, 2019, 178, 3-19.	1.0	37
16	Characteristics and distribution of continental tight oil in China. Journal of Asian Earth Sciences, 2019, 178, 37-51.	1.0	28
17	Division of fine-grained rocks and selection of "sweet sections" in the oldest continental shale in China: Taking the coexisting combination of tight and shale oil in the Permian Junggar Basin. Marine and Petroleum Geology, 2019, 109, 339-348.	1.5	27
18	Resource types, formation, distribution and prospects of coal-measure gas. Petroleum Exploration and Development, 2019, 46, 451-462.	3.0	81

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19	“Exploring petroleum inside source kitchen”: Connotation and prospects of source rock oil and gas. <i>Petroleum Exploration and Development</i> , 2019, 46, 181-193.	3.0	99
20	Unconventional shale systems: A comparative study of the “in-source sweet spot” developed in the lacustrine Chang 7 Shale and the marine Barnett Shale. <i>Marine and Petroleum Geology</i> , 2019, 100, 540-550.	1.5	28
21	Characterization of fracture formation in organic-rich shales - An experimental and real time study of the Permian Lucaogou Formation, Junggar Basin, northwestern China. <i>Marine and Petroleum Geology</i> , 2019, 107, 397-406.	1.5	22
22	Resource potential and core area prediction of lacustrine tight oil: The Triassic Yanchang Formation in Ordos Basin, China. <i>AAPG Bulletin</i> , 2019, 103, 1493-1523.	0.7	14
23	Oil retention and intrasource migration in the organic-rich lacustrine Chang 7 shale of the Upper Triassic Yanchang Formation, Ordos Basin, central China. <i>AAPG Bulletin</i> , 2019, 103, 2627-2663.	0.7	51
24	Advances on enrichment law and key technologies of exploration and development of continental tight oil in China (2016-2018). <i>Journal of Natural Gas Geoscience</i> , 2019, 4, 297-307.	0.6	7
25	Classification evaluation criteria and exploration potential of tight oil resources in key basins of China. <i>Journal of Natural Gas Geoscience</i> , 2019, 4, 309-319.	0.6	12
26	An experimental study of organic matter, minerals and porosity evolution in shales within high-temperature and high-pressure constraints. <i>Marine and Petroleum Geology</i> , 2019, 102, 377-390.	1.5	57
27	Organic-matter-rich shales of China. <i>Earth-Science Reviews</i> , 2019, 189, 51-78.	4.0	340
28	Significant progress of continental petroleum geological theory in basins of Central and Western China. <i>Petroleum Exploration and Development</i> , 2018, 45, 573-588.	3.0	70
29	Theory, technology and prospects of conventional and unconventional natural gas. <i>Petroleum Exploration and Development</i> , 2018, 45, 604-618.	3.0	197
30	Exploration and development of continental tight oil in China. <i>Petroleum Exploration and Development</i> , 2018, 45, 790-802.	3.0	98
31	Natural gas in China: Development trend and strategic forecast. <i>Natural Gas Industry B</i> , 2018, 5, 380-390.	1.4	47
32	Statistical analysis as a tool for assisting geochemical interpretation of the Upper Triassic Yanchang Formation, Ordos Basin, Central China. <i>International Journal of Coal Geology</i> , 2017, 173, 51-64.	1.9	24
33	Concept, technology and practice of “man-made reservoirs” development. <i>Petroleum Exploration and Development</i> , 2017, 44, 146-158.	3.0	54
34	A new possible giant hydrocarbon generated formation: The Upper Triassic source rock in Southwestern Junggar Basin, NW China. <i>Marine and Petroleum Geology</i> , 2017, 88, 575-586.	1.5	11
35	Geological characteristics, main challenges and future prospect of shale gas. <i>Journal of Natural Gas Geoscience</i> , 2017, 2, 273-288.	0.6	78
36	Evidence of the Near-Source Accumulation of the Tight Sandstone Gas in Northern Ordos Basin, North-Central China. <i>Acta Geologica Sinica</i> , 2017, 91, 1820-1835.	0.8	17

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37	Selection of pilot areas for testing in-situ conversion/upgrading processing in lacustrine shale: a case study of Yanchang-7 member in Ordos Basin. <i>Rehabilitation Medicine</i> , 2017, 34, 221.	0.1	2
38	Characteristics and Origin of Tight Oil Accumulations in the Upper Triassic Yanchang Formation of the Ordos Basin, North-Central China. <i>Acta Geologica Sinica</i> , 2016, 90, 1821-1837.	0.8	31
39	Upper Permian Junggar and Upper Triassic Ordos lacustrine source rocks in Northwest and Central China: Organic geochemistry, petroleum potential and predicted organofacies. <i>International Journal of Coal Geology</i> , 2016, 158, 90-106.	1.9	31
40	Shale gas in China: Characteristics, challenges and prospects (II). <i>Petroleum Exploration and Development</i> , 2016, 43, 182-196.	3.0	349
41	Geochemistry characteristics and significance of two petroleum systems near top overpressured surface in central Junggar Basin, NW China. <i>Marine and Petroleum Geology</i> , 2016, 75, 341-355.	1.5	18
42	Formation of low permeability reservoirs and gas accumulation process in the Daniudi Gas Field, Northeast Ordos Basin, China. <i>Marine and Petroleum Geology</i> , 2016, 70, 222-236.	1.5	32
43	Formation process of upper paleozoic continuous tight sandstone gas reservoir in the Sulige gas field. <i>Shenzhen Daxue Xuebao (Ligong Ban)/Journal of Shenzhen University Science and Engineering</i> , 2016, 33, 221.	0.1	5
44	Geological characteristics and "sweet area" evaluation for tight oil. <i>Petroleum Science</i> , 2015, 12, 606-617.	2.4	31
45	Shale gas in China: Characteristics, challenges and prospects (I). <i>Petroleum Exploration and Development</i> , 2015, 42, 753-767.	3.0	384
46	Formation, distribution, potential and prediction of global conventional and unconventional hydrocarbon resources. <i>Petroleum Exploration and Development</i> , 2015, 42, 14-28.	3.0	224
47	The characteristics and significance of conventional and unconventional Sinian "Silurian gas systems in the Sichuan Basin, central China. <i>Marine and Petroleum Geology</i> , 2015, 64, 386-402.	1.5	142
48	Methods for shale gas play assessment: A comparison between Silurian Longmaxi shale and Mississippian Barnett shale. <i>Journal of Earth Science (Wuhan, China)</i> , 2015, 26, 285-294.	1.1	43
49	Formation and "sweet area" evaluation of liquid-rich hydrocarbons in shale strata. <i>Petroleum Exploration and Development</i> , 2015, 42, 609-620.	3.0	37
50	Characteristics of nano-sized pore-throat in unconventional tight reservoir rocks and its scientific value. <i>Shenzhen Daxue Xuebao (Ligong Ban)/Journal of Shenzhen University Science and Engineering</i> , 2015, 32, 257.	0.1	16
51	Conventional and unconventional petroleum "orderly accumulation": Concept and practical significance. <i>Petroleum Exploration and Development</i> , 2014, 41, 14-30.	3.0	154
52	Formation, distribution, resource potential, and discovery of Sinian "Cambrian giant gas field, Sichuan Basin, SW China. <i>Petroleum Exploration and Development</i> , 2014, 41, 306-325.	3.0	310
53	Geochemical characteristics of the source rocks in Mesozoic Yanchang formation, central Ordos Basin. <i>Journal of Earth Science (Wuhan, China)</i> , 2013, 24, 804-814.	1.1	23
54	Development of petroleum geology in China: Discussion on continuous petroleum accumulation. <i>Journal of Earth Science (Wuhan, China)</i> , 2013, 24, 796-803.	1.1	28

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55	Concepts, characteristics, potential and technology of unconventional hydrocarbons: On unconventional petroleum geology. <i>Petroleum Exploration and Development</i> , 2013, 40, 413-428.	3.0	267
56	Formation mechanism, geological characteristics and development strategy of nonmarine shale oil in China. <i>Petroleum Exploration and Development</i> , 2013, 40, 15-27.	3.0	387
57	Nano-hydrocarbon and the accumulation in coexisting source and reservoir. <i>Petroleum Exploration and Development</i> , 2012, 39, 15-32.	3.0	159
58	Formation mechanism of carbonate cemented zones adjacent to the top overpressured surface in the central Junggar Basin, NW China. <i>Science China Earth Sciences</i> , 2010, 53, 529-540.	2.3	26
59	Petroleum secondary migration and accumulation in the central Junggar Basin, northwest China: Insights from basin modeling. <i>AAPG Bulletin</i> , 2010, 94, 937-955.	0.7	38