Dongxia Chen

List of Publications by Year
in descending order

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22	346	1040056	839539
papers	citations	9	18
		h-index	g-index

22	22	22	209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reservoir quality, natural fractures, and gas productivity of upper Triassic Xujiahe tight gas sandstones in western Sichuan Basin, China. Marine and Petroleum Geology, 2018, 89, 370-386.	3.3	73
2	Effect of lithofacies on pore structure and new insights into pore-preserving mechanisms of the over-mature Qiongzhusi marine shales in Lower Cambrian of the southern Sichuan Basin, China. Marine and Petroleum Geology, 2018, 98, 746-762.	3.3	49
3	Improved methods for determining effective sandstone reservoirs and evaluating hydrocarbon enrichment in petroliferous basins. Applied Energy, 2020, 261, 114457.	10.1	34
4	Microscopic pore structures of tight sandstone reservoirs and their diagenetic controls: A case study of the Upper Triassic Xujiahe Formation of the Western Sichuan Depression, China. Marine and Petroleum Geology, 2020, 113, 104119.	3.3	26
5	Climate and tectonic-driven deposition of sandwiched continental shale units: New insights from petrology, geochemistry, and integrated provenance analyses (the western Sichuan subsiding Basin,) Tj ETQq1 1 0.784314 rgBT /Ove	7.8	23
6	Statistical evaluation and calibration of model predictions of the oil and gas field distributions in superimposed basins: A case study of the Cambrian Longwangmiao Formation in the Sichuan Basin, China. Marine and Petroleum Geology, 2019, 106, 42-61.	3.3	20
7	Geochemistry and origin of continental natural gas in the western Sichuan basin, China. Journal of Natural Gas Science and Engineering, 2018, 49, 123-131.	4.4	16
8	Quantitative evaluation of transport efficiency of fault-reservoir composite migration pathway systems in carbonate petroliferous basins. Energy, 2021, 222, 119983.	8.8	15
9	Quantitative evaluation of caprock sealing controlled by fault activity and hydrocarbon accumulation response: K gasfield in the Xihu Depression, East China Sea Basin. Marine and Petroleum Geology, 2021, 134, 105352.	3.3	12
10	Evolution characteristics of transtensional faults and their impacts on hydrocarbon migration and accumulation: A case study from the Huimin Depression, Bohai Bay Basin, eastern China. Marine and Petroleum Geology, 2020, 120, 104507.	3.3	11
11	Improved method for quantitative evaluation of fault vertical sealing: A case study from the eastern Pinghu Slope Belt of the Xihu Depression, East China Sea Shelf Basin. Marine and Petroleum Geology, 2021, 132, 105224.	3.3	10
12	Origin and distribution of an under-pressured tight sandstone reservoir: The Shaximiao Formation, Central Sichuan Basin. Marine and Petroleum Geology, 2021, 132, 105208.	3.3	9
13	Quantitative evaluation of sandstone carrier transport properties and their effects on hydrocarbon migration and accumulation: A case study of the Es32 in the southern slope of Dongying Depression, Bohai Bay Basin. Marine and Petroleum Geology, 2021, 126, 104937.	3.3	6
14	Control of facies/potential on hydrocarbon accumulation: a geological model for lacustrine rift basins. Petroleum Science, 2008, 5, 212-222.	4.9	5
15	The Concept of Fluid Potential and its Practical Application to Petroleum Exploration. Energy Exploration and Exploitation, 2012, 30, 889-914.	2.3	5
16	Geochemical and stable carbon isotope composition variations of natural gases in tight sandstones from the West Sichuan Basin, China. Geological Journal, 2017, 52, 1020-1031.	1.3	5
17	Evolution of abnormal pressure in the Paleogene Es3 formation of the Huimin Depression, Bohai Bay Basin, China. Journal of Petroleum Science and Engineering, 2021, 203, 108601.	4.2	5
18	How argillaceous reservoirs exhibit better quality than silty mudstones? Anomalous behavior of shale gas-bearing properties of continental fine-grained sediments in Southwest China and its possible forcing mechanisms. Petroleum Science, 2021, 18, 1589-1610.	4.9	5

#	Article	IF	Citations
19	Migration and accumulation of crude oils in the Qionghai Uplift, Pearl River Mouth Basin, Offshore South China Sea. Journal of Petroleum Science and Engineering, 2021, 205, 108943.	4.2	5
20	Control of facies and fluid potential on hydrocarbon accumulation and prediction of favorable Silurian targets in the Tazhong Uplift, Tarim Basin, China. Petroleum Science, 2011, 8, 24-33.	4.9	4
21	Influence of the Pore Structure on the Methane Adsorption Mechanism in the Upper Triassic Lacustrine Shales from the Western Sichuan Basin, China. Energy & Fuels, 2021, 35, 13654-13670.	5.1	4
22	Underpressure characteristics and origins in the deep strata of rift basins: A case study of the Huimin Depression, Bohai Bay Basin, China. Geological Journal, 2020, 55, 4079-4096.	1.3	2