Zhaodong Xi

List of Publications by Year
in descending order

27	585	623734 14	642732 23
papers	citations	h-index	g-index

27	27	27	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pore Structure Characteristics of Marineâ€“Continental Transitional Shale: A Case Study in the Qinshui Basin, China. Energy & Fuels, 2017, 31, 7854-7866.	5.1	56
2	Formation and development of pore structure in marine-continental transitional shale from northern China across a maturation gradient: insights from gas adsorption and mercury intrusion. International Journal of Coal Geology, 2018, 200, 87-102.	5.0	56
3	Pore characterization and the controls of organic matter and quartz on pore structure: Case study of the Niutitang Formation of northern Guizhou Province, South China. Journal of Natural Gas Science and Engineering, 2019, 61, 18-31.	4.4	47
4	Characterization of unconventional reservoirs and continuous accumulations of natural gas in the Carboniferous-Permian strata, mid-eastern Qinshui basin, China. Journal of Natural Gas Science and Engineering, 2018, 49, 298-316.	4.4	42
5	Characterization of quartz in the Wufeng Formation in northwest Hunan Province, south China and its implications for reservoir quality. Journal of Petroleum Science and Engineering, 2019, 179, 979-996.	4.2	41
6	Paleo-environmental conditions of the Early Cambrian Niutitang Formation in the Fenggang area, the southwestern margin of the Yangtze Platform, southern China: Evidence from major elements, trace elements and other proxies. Journal of Asian Earth Sciences, 2018, 159, 81-97.	2.3	39
7	Pore Structure and Fractal Characteristics of Niutitang Shale from China. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	37
8	The reservoir characterization and shale gas potential of the Niutitang formation: Case study of the SY well in northwest Hunan Province, South China. Journal of Petroleum Science and Engineering, 2018, 171, 687-703.	4.2	36
9	Brittleness Evaluation in Shale Gas Reservoirs and Its Influence on Fracability. Energies, 2020, 13, 388.	3.1	31
10	Nano-Scale Pore Structure of Marine-Continental Transitional Shale from Liulin Area, the Eastern Margin of Ordos Basin, China. Journal of Nanoscience and Nanotechnology, 2017, 17, 6109-6123.	0.9	19
11	In Situ Analysis of Methanogenic Pathways and Biogeochemical Features of CBM Co-produced Water from the Shizhuangnan Block in the Southern Qinshui Basin, China. Energy & Fuels, 2020, 34, 5466-5475.	5.1	19
12	Quartz types in the Wufeng-Longmaxi Formations in southern China: Implications for porosity evolution and shale brittleness. Marine and Petroleum Geology, 2022, 137, 105479.	3.3	18
13	Geochemical characteristics of organic carbon and pyrite sulfur in Ordovician-Silurian transition shales in the Yangtze Platform, South China: Implications for the depositional environment. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 563, 110173.	2.3	17
14	Factors Controlling Organic Matter Accumulation in the Wufengâ€“Longmaxi Formations in Northwestern Hunan Province: Insights from Major/Trace Elements and Shale Composition. Energy & Fuels, 2020, 34, 4139-4152.	5.1	16
15	Controls of marine shale gas accumulation in the eastern periphery of the Sichuan Basin, South China. International Journal of Coal Geology, 2022, 251, 103939.	5.0	15
16	Fluorine in Chinese Coal: A Review of Distribution, Abundance, Modes of Occurrence, Genetic Factors and Environmental Effects. Minerals (Basel, Switzerland), 2017, 7, 219.	2.0	14
17	A new method to predict brittleness index for shale gas reservoirs: Insights from well logging data. Journal of Petroleum Science and Engineering, 2022, 208, 109431.	4.2	14
18	Depositional controlling factors on pore distribution and structure in the lower Silurian Longmaxi shales: Insight from geochemistry and petrology. Marine and Petroleum Geology, 2021, 130, 105114.	3.3	13

#	Article	IF	Citations
19	Experimental Investigation of Evolution of Pore Structure in Longmaxi Marine Shale Using an Anhydrous Pyrolysis Technique. Minerals (Basel, Switzerland), 2018, 8, 226.	2.0	10
20	Biogeochemistry and Waterâ€“Rock Interactions of Coalbed Methane Co-Produced Water in the Shizhuangnan Block of the Southern Qinshui Basin, China. Water (Switzerland), 2020, 12, 130.	2.7	8
21	Geochemical characteristics and organic matter accumulation of Late Ordovician shale in the Upper Yangtze Platform, South China. Energy Reports, 2021, 7, 667-682.	5.1	8
22	Biogeochemical Assessment of the Coalbed Methane Source, Migration, and Fate: A Case Study of the Shizhuangnan Block, Southern Qinshui Basin. ACS Omega, 2022, 7, 7715-7724.	3.5	8
23	Total Organic Carbon Enrichment and Its Impact on Pore Characteristics: A Case Study from the Niutitang Formation Shales in Northern Guizhou. Energies, 2019, 12, 1480.	3.1	7
24	Grain assemblages and diagenesis in Ordovician-Silurian transition shale deposits of the Upper Yangtze Platform, South China. Journal of Asian Earth Sciences, 2022, 230, 105188.	2.3	5
25	Accumulation and combination characteristics of unconventional natural gas in Carboniferous coal-bearing strata: case study in the Central Hunan Province, South China. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-13.	2.3	4
26	Quantitative measurement on coal components through the interpretation model of geophysical log: A case study from the Qaidam Basin, NW China. Energy Exploration and Exploitation, 2021, 39, 2027-2044.	2.3	3
27	Geochemical Characteristics of Late Ordovician Shales in the Upper Yangtze Platform, South China: Implications for Redox Environmental Evolution. Minerals (Basel, Switzerland), 2021, 11, 710.	2.0	2