

Bei Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7729634/publications.pdf>

Version: 2024-02-01

18
papers

490
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined SEM and reflected light petrography of organic matter in the New Albany Shale (Devonian-Mississippian) in the Illinois Basin: A perspective on organic pore development with thermal maturation. <i>International Journal of Coal Geology</i> , 2017, 184, 57-72.	5.0	122
2	Organic matter content and type variation in the sequence stratigraphic context of the Upper Devonian New Albany Shale, Illinois Basin. <i>Sedimentary Geology</i> , 2019, 383, 101-120.	2.1	61
3	SEM petrography of dispersed organic matter in black shales: A review. <i>Earth-Science Reviews</i> , 2022, 224, 103874.	9.1	55
4	Silica diagenesis in the Lower Paleozoic Wufeng and Longmaxi Formations in the Sichuan Basin, South China: Implications for reservoir properties and paleoproductivity. <i>Marine and Petroleum Geology</i> , 2020, 121, 104594.	3.3	40
5	Compositional Control on Shale Pore Structure Characteristics across a Maturation Gradient: Insights from the Devonian New Albany Shale and Marcellus Shale in the Eastern United States. <i>Energy & Fuels</i> , 2021, 35, 7913-7929.	5.1	26
6	Insights of the pore system of lacustrine shales from immature to late mature with the aid of petrology, mineralogy and porosimetry: A case study of the Triassic Yanchang Formation of the Ordos Basin, North China. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 107631.	4.2	23
7	Variability of rock mechanical properties in the sequence stratigraphic context of the Upper Devonian New Albany Shale, Illinois Basin. <i>Marine and Petroleum Geology</i> , 2020, 112, 104068.	3.3	21
8	Mineralogical and petrographic characteristics of the Ordovician-Silurian Wufeng-Longmaxi Shale in the Sichuan Basin and implications for depositional conditions and diagenesis of black shales. <i>Marine and Petroleum Geology</i> , 2022, 135, 105428.	3.3	21
9	Association of uranium with macerals in marine black shales: Insights from the Upper Devonian New Albany Shale, Illinois Basin. <i>International Journal of Coal Geology</i> , 2020, 217, 103351.	5.0	20
10	Origin of organic matter and organic pores in the overmature Ordovician-Silurian Wufeng-Longmaxi Shale of the Sichuan Basin, China. <i>International Journal of Coal Geology</i> , 2022, 253, 103970.	5.0	20
11	When a mudstone was actually a "sandstone": Results of a sedimentological investigation of the bituminous marl formation (Oligocene), Eastern Carpathians of Romania. <i>Sedimentary Geology</i> , 2019, 384, 12-28.	2.1	13
12	Assessing the thermal maturity of black shales using vitrinite reflectance: Insights from Devonian black shales in the eastern United States. <i>International Journal of Coal Geology</i> , 2020, 220, 103426.	5.0	13
13	Petrographic and chemical structure characteristics of amorphous organic matter in marine black shales: Insights from Pennsylvanian and Devonian black shales in the Illinois Basin. <i>International Journal of Coal Geology</i> , 2021, 235, 103676.	5.0	13
14	Variations of organic matter transformation in response to hydrothermal fluids: Example from the Indiana part of the Illinois Basin. <i>International Journal of Coal Geology</i> , 2020, 219, 103410.	5.0	12
15	Geochemistry of Middle Permian lacustrine shales in the Jimusar Sag, Junggar Basin, NW China: Implications for hydrothermal activity and organic matter enrichment. <i>Journal of Asian Earth Sciences</i> , 2022, 232, 105267.	2.3	12
16	Petrographic and Micro-FTIR Study of Organic Matter in the Upper Devonian New Albany Shale During Thermal Maturation: Implications for Kerogen Transformation. , 2019, , 165-188.		7
17	Cryptic burrow traces in black shales "a petrographic Rorschach test or the real thing?. <i>Sedimentology</i> , 2021, 68, 2707-2731.	3.1	7
18	Methane generation from low-maturity coals and shale source rocks at low temperatures (80-120°C) over 14-38 months. <i>Organic Geochemistry</i> , 2021, 155, 104224.	1.8	4