

Xu Dong

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

318
citations

1040056

9
h-index

888059

17
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all docs

18
docs citations

18
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing clay textures and their impact on the reservoir using deep learning and Lattice-Boltzmann simulation applied to SEM images. <i>Energy</i> , 2022, 240, 122599.	8.8	37
2	Controllable Growth of $\hat{1}\pm$ - and $\hat{1}^2$ -Antimonene by Interfacial Strain. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5022-5027.	3.1	5
3	A 3D FIB-SEM technique for quantitative characterization of oil shale's microstructure: A case study from the Shahejie Formation in Dongying Depression, China. <i>Energy Science and Engineering</i> , 2021, 9, 116-128.	4.0	17
4	NMR-Based Study of the Pore Types' Contribution to the Elastic Response of the Reservoir Rock. <i>Energies</i> , 2021, 14, 1513.	3.1	35
5	Fractal Properties of Various Clay Minerals Obtained from SEM Images. <i>Geofluids</i> , 2021, 2021, 1-18.	0.7	16
6	Epitaxial growth of Bi(110) and Bi ₂ Se ₃ thin films on a ferromagnetic insulator substrate of Cr ₂ Ge ₂ Te ₆ . <i>Journal of Physics Condensed Matter</i> , 2021, 33, 415001.	1.8	3
7	Identification and Characterization of a Novel Aminoglycoside 3'-Nucleotidyltransferase, ANT(3')-IId, From <i>Acinetobacter lwoffii</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 728216.	3.5	0
8	NMR characterization of fluid mobility in tight sand: Analysis on the pore capillaries with the nine-grid model. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 94, 104069.	4.4	10
9	Observation of Topological Edge States on $\hat{1}\pm$ -Bi ₄ Br ₄ Nanowires Grown on TiSe ₂ Substrates. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10465-10471.	4.6	6
10	Identification and Characterization of a Novel Chromosomal Aminoglycoside 2'-N-Acetyltransferase, AAC(2)-IIf, From an Isolate of a Novel Providencia Species, <i>Providencia wenzhouensis</i> R33. <i>Frontiers in Microbiology</i> , 2021, 12, 711037.	3.5	3
11	Characterization of a Novel Chromosome-Encoded AmpC $\hat{1}^2$ -Lactamase Gene, blaPRC ₁ , in an Isolate of a Newly Classified <i>Pseudomonas</i> Species, <i>Pseudomonas wenzhouensis</i> A20, From Animal Farm Sewage. <i>Frontiers in Microbiology</i> , 2021, 12, 732932.	3.5	2
12	How N ₂ injection improves the hydrocarbon recovery of CO ₂ HnP: An NMR study on the fluid displacement mechanisms. <i>Fuel</i> , 2020, 278, 118286.	6.4	30
13	A novel method to evaluate cleaning quality of oil in shale using pyrolysis pyrogram. <i>Energy Science and Engineering</i> , 2020, 8, 1693-1704.	4.0	5
14	NMR characterization of a tight sand's pore structures and fluid mobility: An experimental investigation for CO ₂ EOR potential. <i>Marine and Petroleum Geology</i> , 2020, 118, 104460.	3.3	30
15	Fine Mapping and Candidate Gene Prediction for White Immature Fruit Skin in Cucumber (<i>Cucumis</i>) Tj ETQq1 1 0.784314 rgBT /Overl	4.1	25
16	Measurement of total porosity for gas shales by gas injection porosimetry (GIP) method. <i>Fuel</i> , 2016, 186, 694-707.	6.4	60
17	Experimental research of gas shale electrical properties by NMR and the combination of imbibition and drainage. <i>Journal of Geophysics and Engineering</i> , 2015, 12, 610-619.	1.4	27
18	Novel application of double metal cyanide in the synthesis of hyperbranched polyether polyols. <i>Designed Monomers and Polymers</i> , 2013, 16, 72-78.	1.6	7