

# Xu Dong

## List of Publications by Year in descending order

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18  
papers

318  
citations

1040056

9  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of total porosity for gas shales by gas injection porosimetry (GIP) method. <i>Fuel</i> , 2016, 186, 694-707.	6.4	60
2	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
3	NMR-Based Study of the Pore Typesâ€™ Contribution to the Elastic Response of the Reservoir Rock. <i>Energies</i> , 2021, 14, 1513.	3.1	35
4	How N2 injection improves the hydrocarbon recovery of CO2 HnP: An NMR study on the fluid displacement mechanisms. <i>Fuel</i> , 2020, 278, 118286.	6.4	30
5	NMR characterization of a tight sand's pore structures and fluid mobility: An experimental investigation for CO2 EOR potential. <i>Marine and Petroleum Geology</i> , 2020, 118, 104460.	3.3	30
6	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
7	Fine Mapping and Candidate Gene Prediction for White Immature Fruit Skin in Cucumber ( <i>Cucumis</i> ) Tj ETQq1 1 0.784314 rgBT /Over 4.1 25		
8	A 3D FIBâ€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
9	Fractal Properties of Various Clay Minerals Obtained from SEM Images. <i>Geofluids</i> , 2021, 2021, 1-18.	0.7	16
10	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
11	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
12	Observation of Topological Edge States on $\text{Bi}_{2-x}\text{Sb}_x\text{Te}_3$ Nanowires Grown on $\text{TiSe}_2$ Substrates. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10465-10471.	4.6	6
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	Controllable Growth of $\text{Bi}^{1-}$ and $\text{Bi}^{2-}$ -Antimonene by Interfacial Strain. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5022-5027.	3.1	5
15	Epitaxial growth of Bi(110) and Bi2Se3 thin films on a ferromagnetic insulator substrate of Cr2Ge2Te6. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 415001.	1.8	3
16	Identification and Characterization of a Novel Chromosomal Aminoglycoside 2â€N-Acetyltransferase, AAC(2â€)-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
17	Characterization of a Novel Chromosome-Encoded AmpC $\beta$ -Lactamase Gene, blaPRCâ€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
18	Identification and Characterization of a Novel Aminoglycoside 3''-Nucleotidyltransferase, ANT(3'')-Ild, From <i>Acinetobacter lwoffii</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 728216.	3.5	0