

# Xiaomin

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

347  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the absolute adsorption/desorption isotherms of CH <sub>4</sub> and n-C <sub>4</sub> H <sub>10</sub> on shale from a nano-scale perspective. <i>Fuel</i> , 2018, 218, 67-77.	6.4	94
2	Comparison of Peng-Robinson Equation of State With Capillary Pressure Model With Engineering Density-Functional Theory in Describing the Phase Behavior of Confined Hydrocarbons. <i>SPE Journal</i> , 2018, 23, 1784-1797.	3.1	62
3	Competitive adsorption behavior of hydrocarbon(s)/CO <sub>2</sub> mixtures in a double-nanopore system using molecular simulations. <i>Fuel</i> , 2019, 252, 612-621.	6.4	59
4	Using propanol as an additive to CO <sub>2</sub> for improving CO <sub>2</sub> utilization and storage in oil reservoirs. <i>Applied Energy</i> , 2022, 311, 118640.	10.1	57
5	Potential of dimethyl ether as an additive in CO <sub>2</sub> for shale oil recovery. <i>Fuel</i> , 2021, 296, 120643.	6.4	25
6	Heavy-oil recovery by combined geothermal energy and cosolvent/water flooding. <i>Energy</i> , 2021, 228, 120681.	8.8	21
7	Comparison of the Absolute Adsorption of CH <sub>4</sub> , n-C <sub>4</sub> H <sub>10</sub> , and CO <sub>2</sub> on Shale. <i>Energy &amp; Fuels</i> , 2020, 34, 4466-4473.	5.1	16
8	Bulk and surface properties of gypsum: A comparison between classical force fields and dispersion-corrected DFT calculations. <i>Computational Materials Science</i> , 2019, 164, 8-16.	3.0	10
9	Measurement and Modeling of the Adsorption/Desorption Behavior of Light Hydrocarbons on Shale. <i>Energy &amp; Fuels</i> , 2020, 34, 4579-4586.	5.1	3