

Zhiming Liu

List of Publications by Year in descending order

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13
papers

341
citations

1040056

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h-index

1125743

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13
all docs

13
docs citations

13
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of silica sand size and saturation on methane hydrate formation in the presence of SDS. Journal of Natural Gas Science and Engineering, 2018, 56, 266-280.	4.4	69
2	Effect of porous media and its distribution on methane hydrate formation in the presence of surfactant. Applied Energy, 2020, 261, 114373.	10.1	58
3	Effect of Porous Media and Sodium Dodecyl Sulphate Complex System on Methane Hydrate Formation. Energy & Fuels, 2018, 32, 5736-5749.	5.1	48
4	Influence of the Particle Size of Porous Media on the Formation of Natural Gas Hydrate: A Review. Energy & Fuels, 2021, 35, 11640-11664.	5.1	39
5	Experimental investigation on the micro-morphologies and growing process of methane hydrate formation in SDS solution. Fuel, 2021, 293, 120320.	6.4	31
6	Wax and Wax-Containing Hydrate Deposition Characteristics in Single-, Two-, and Three-Phase Pipelines: A Review. Energy & Fuels, 2020, 34, 13350-13368.	5.1	27
7	Rapid formation of methane hydrate in environment-friendly leucine-based complex systems. Energy, 2022, 254, 124214.	8.8	22
8	Growth and occurrence characteristics of methane hydrate in a complex system of silica sand and sodium dodecyl sulfate. Chemical Engineering Science, 2022, 249, 117349.	3.8	18
9	Investigation on Hydrate Formation and Growth Characteristics in Dissolved Asphaltene-Containing Water-In-Oil Emulsion. Langmuir, 2021, 37, 11072-11083.	3.5	17
10	Research progress on hydrate plugging in multiphase mixed rich-liquid transportation pipelines. Frontiers in Energy, 2022, 16, 774-792.	2.3	5
11	Study on the characteristics of hydrate formation in HSB solution: Focused on the micro-morphologies. Energy, 2022, 244, 123149.	8.8	4
12	Application of hydrophobic particles in the formation kinetics of methane hydrate in water-in-oil emulsion. Petroleum Science and Technology, 2020, 38, 391-397.	1.5	2
13	Analysis of coalescence process of methane hydrate in emulsion system. Petroleum Science and Technology, 2019, 37, 1817-1824.	1.5	1