

# Zhiming Liu

## List of Publications by Year in descending order

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13  
papers

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citations

1040056

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docs citations

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times ranked

220  
citing authors

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