

Jingsheng Lu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

293
citations

933447

10
h-index

888059

17
g-index

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all docs

20
docs citations

20
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation of Characteristics of Sand Production in Wellbore during Hydrate Exploitation by the Depressurization Method. <i>Energies</i> , 2018, 11, 1673.	3.1	49
2	Tri-Axial Shear Tests on Hydrate-Bearing Sediments during Hydrate Dissociation with Depressurization. <i>Energies</i> , 2018, 11, 1819.	3.1	31
3	Discrete Element Analysis of Hydraulic Fracturing of Methane Hydrate-Bearing Sediments. <i>Energy & Fuels</i> , 2021, 35, 6644-6657.	5.1	31
4	Experimental Study of Sand Production during Depressurization Exploitation in Hydrate Silty-Clay Sediments. <i>Energies</i> , 2019, 12, 4268.	3.1	28
5	Transient temperature prediction models of wellbore and formation in well-kick condition during circulation stage. <i>Journal of Petroleum Science and Engineering</i> , 2019, 175, 266-279.	4.2	27
6	Effect of dodecyl dimethyl benzyl ammonium chloride on CH ₄ hydrate growth and agglomeration in oil-water systems. <i>Energy</i> , 2020, 212, 118746.	8.8	20
7	Anti-agglomeration evaluation and Raman spectroscopic analysis on mixed biosurfactants for preventing CH ₄ hydrate blockage in n-octane+ water systems. <i>Energy</i> , 2021, 229, 120755.	8.8	20
8	Visualization and investigation of the erosion process for natural gas hydrate using water jet through experiments and simulation. <i>Energy Reports</i> , 2022, 8, 202-216.	5.1	16
9	A Solution to Sand Production from Natural Gas Hydrate Deposits with Radial Wells: Combined Gravel Packing and Sand Screen. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 71.	2.6	13
10	Influence of the location of drilling fluid loss on wellbore temperature distribution during drilling. <i>Energy</i> , 2022, 244, 123031.	8.8	11
11	Experimental research on the dynamic permeability of hydrate silty-clay reservoirs during water driven and exploitation. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 94, 104071.	4.4	10
12	Investigation on Methane Hydrate Formation in Water-based Drilling Fluid. <i>Energy & Fuels</i> , 2021, 35, 5264-5270.	5.1	9
13	Study on the hydrate inhibition effect of nano-silica in drilling fluids. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 105, 104688.	4.4	6
14	Formation of a Low-Density Liquid Phase during the Dissociation of Gas Hydrates in Confined Environments. <i>Nanomaterials</i> , 2021, 11, 590.	4.1	5
15	An innovative experimental apparatus for the analysis of sand production during natural gas hydrate exploitation. <i>Review of Scientific Instruments</i> , 2021, 92, 105110.	1.3	5
16	Microcosmic Characteristics of Hydrate Formation and Decomposition in the Different Particle Size Sediments Captured by Cryo-SEM. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 769.	2.6	4
17	Application of Methane Hydrate Critical State Soil Model on Multistage Triaxial Tests of Methane Hydrate-Bearing Sediment. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	3
18	Study on borehole temperature distribution when the well-kick and the well-leakage occurs simultaneously during geothermal well drilling. <i>Geothermics</i> , 2022, 104, 102441.	3.4	3

#	ARTICLE	IF	CITATIONS
19	Thermal Diffusion Characteristics in Permafrost during the Exploitation of Gas Hydrate. <i>Geofluids</i> , 2021, 2021, 1-10.	0.7	1
20	Stability Conditions for Semiclathrate Hydrates Formed with Tetrabutylammonium Chloride + Tetrabutylphosphonium Chloride + CH ₄ . <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 4056-4063.	1.9	1