

Qingchao Li

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

399
citations

840776

11
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical experiments and constitutive model of natural gas hydrate reservoirs. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19810-19818.	7.1	86
2	Hydrate as a by-product in CO ₂ leakage during the long-term sub-seabed sequestration and its role in preventing further leakage. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77737-77754.	5.3	63
3	Factors affecting the lower limit of the safe mud weight window for drilling operation in hydrate-bearing sediments in the Northern South China Sea. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	2.9	40
4	Numerical analysis of wellbore instability in gas hydrate formation during deep-water drilling. <i>Journal of Ocean University of China</i> , 2018, 17, 8-16.	1.2	35
5	Study on the optimization of silicone copolymer synthesis and the evaluation of its thickening performance. <i>RSC Advances</i> , 2018, 8, 8770-8778.	3.6	21
6	Experimental investigation on hydrate dissociation in near-wellbore region caused by invasion of drilling fluid: ultrasonic measurement and analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 36920-36937.	5.3	18
7	Decomposition prevention through thermal sensitivity of hydrate formations around wellbore. <i>Applied Thermal Engineering</i> , 2019, 159, 113921.	6.0	16
8	Drilling parameter optimizing strategies to prevent hydrate decomposition risks. <i>Applied Thermal Engineering</i> , 2019, 146, 405-412.	6.0	16
9	Effect of different factors on the yield of epoxy-terminated polydimethylsiloxane and evaluation of CO ₂ thickening. <i>RSC Advances</i> , 2018, 8, 39787-39796.	3.6	15
10	Simulating the effect of hydrate dissociation on wellhead stability during oil and gas development in deepwater. <i>Journal of Ocean University of China</i> , 2018, 17, 35-45.	1.2	14
11	Development and verification of the comprehensive model for physical properties of hydrate sediment. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	13
12	Effect of a Modified Silicone as a Thickener on Rheology of Liquid CO ₂ and Its Fracturing Capacity. <i>Polymers</i> , 2019, 11, 540.	4.5	10
13	Borehole enlargement rate as a measure of borehole instability in hydrate reservoir and its relationship with drilling mud density. <i>Journal of Petroleum Exploration and Production</i> , 2021, 11, 1185-1198.	2.4	10
14	Establishment and evaluation of strength criterion for clayey silt hydrate-bearing sediments. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 742-750.	2.3	9
15	The biochemical mechanism of enhancing the conversion of chicken manure to biogenic methane using coal slime as additive. <i>Bioresource Technology</i> , 2022, 344, 126226.	9.6	9
16	Numerical simulation of fracture reorientation during hydraulic fracturing in perforated horizontal well in shale reservoirs. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 1807-1813.	2.3	6
17	Effect of thickener and reservoir parameters on the filtration property of CO ₂ fracturing fluid. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 1705-1715.	2.3	6
18	Investigation method of borehole collapse with the multi-field coupled model during drilling in clayey silt hydrate reservoirs. <i>Frattura Ed Integrita Strutturale</i> , 2018, 12, 86-99.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Synthetic process on hydroxyl-containing polydimethylsiloxane as a thickener in CO ₂ fracturing and thickening performance test. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 1137-1143.	2.3	3
20	Mud Density Optimization for Horizontal Well System in Clayey Silt Hydrate Reservoir with Considering Borehole Collapse. Arabian Journal for Science and Engineering, 2022, 47, 11651-11671.	3.0	2
21	Simulating the effect of subsurface stresses and transient pore pressure on wellbore stability in subsea horizontal wells. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 2028-2038.	2.3	1
22	Effect of inter-cluster interference on fracture morphology in multi-cluster staged fracturing for shale reservoir. Frattura Ed Integrita Strutturale, 2018, 12, 35-48.	0.9	1
23	Factors affecting reorientation of hydraulically induced fracture during fracturing with oriented perforations in shale gas reservoirs. Frattura Ed Integrita Strutturale, 2021, 15, 1-20.	0.9	0
24	Influence of caves on hydraulic fracture propagation behavior based on extended finite element method. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	0