

Jianzhong Zhao

List of Publications by Year in descending order

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19
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324
citing authors

#	ARTICLE	IF	CITATIONS
1	Postbuckling Analysis of Ultra-Low Rigidity Serpentine Structures. Journal of Applied Mechanics, Transactions ASME, 2022, 89, .	1.1	4
2	Morphable three-dimensional electronic mesoflbers capable of on-demand unfolding. Science China Materials, 2022, 65, 2309-2318.	3.5	12
3	Tuning the fluid production behaviour of hydrate-bearing sediments by multi-stage depressurization. Chemical Engineering Journal, 2021, 406, 127174.	6.6	69
4	Experimental study on methane hydrate formation in quartz sand under tri-axial condition. Journal of Natural Gas Science and Engineering, 2021, 85, 103707.	2.1	20
5	Experimental Study on Fluid Production from Methane Hydrate Sediments under the Marine Triaxial Condition. Energy & Fuels, 2021, 35, 3915-3924.	2.5	11
6	Clathrate hydrate formation of CO ₂ /CH ₄ mixture at room temperature: Application to direct transport of CO ₂ -containing natural gas. Applied Energy, 2019, 249, 190-203.	5.1	52
7	Semi-clathrate hydrate process of methane in porous media-mesoporous materials of SBA-15. Fuel, 2018, 220, 446-452.	3.4	33
8	Semi-clathrate hydrate process of methane in porous media-microporous materials of 5A-type zeolites. Fuel, 2018, 220, 185-191.	3.4	37
9	Effect of horizontal wellbore on the production behavior from marine hydrate bearing sediment. Applied Energy, 2018, 214, 117-130.	5.1	80
10	Effect of vertical wellbore incorporation on energy recovery from aqueous rich hydrate sediments. Applied Energy, 2018, 229, 637-647.	5.1	42
11	Recovering Natural Gas from Gas Hydrates using Horizontal Wellbore. Energy Procedia, 2017, 143, 780-785.	1.8	14
12	Experimental Study of Gas-Hydrate Dissociation Kinetics at Constant Temperatures Above 0°C. Chemistry and Technology of Fuels and Oils, 2017, 53, 787-793.	0.2	2
13	CH ₄ Separation from Coal Bed Methane by Hydrate in the SDS and THF Solution. Journal of Chemistry, 2016, 2016, 1-6.	0.9	4
14	Hydrate-Based Gas Separation for Methane Recovery from Coal Mine Gas using Tetrahydrofuran. Energy Technology, 2016, 4, 864-869.	1.8	24
15	Micro-CT analysis of structural characteristics of natural gas hydrate in porous media during decomposition. Journal of Natural Gas Science and Engineering, 2016, 31, 139-148.	2.1	44
16	Experimental Investigation of Effect on Hydrate Formation in Spray Reactor. Journal of Chemistry, 2015, 2015, 1-5.	0.9	5
17	Separation of Methane from Coal Bed Gas via Hydrate Formation in the Presence of Tetrahydrofuran and Sodium Dodecyl Sulfate. Chemistry and Technology of Fuels and Oils, 2013, 49, 251-258.	0.2	6