Study on three-phase flow characteristics of natural gas

Citation Report

#	ARTICLE	IF	CITATIONS
1	Linkage characteristics of deep-sea mining lifting system. Ocean Engineering, 2021, 233, 109074.	4.3	9
2	Investigation of CO_2 hydrate slurry flow characteristics with particle dissociation for carbon storage and transportation. Chemical Engineering Research and Design, 2021, 152, 427-440.	5.6	8
3	Comprehensive Review on Various Gas Hydrate Modelling Techniques: Prospects and Challenges. Archives of Computational Methods in Engineering, 2022, 29, 2171-2207.	10.2	9
4	A multiphase MPS method for bubbly flows with complex interfaces. Ocean Engineering, 2021, 238, 109743.	4.3	17
5	Modelling of hydrate dissociation in multiphase flow considering particle behaviors, mass and heat transfer. Fuel, 2021, 306, 121655.	6.4	9
6	Gasâ€"liquidâ€"hydrate flow characteristics in vertical pipe considering bubble and particle coalescence and breakage. Chemical Engineering Science, 2022, 252, 117249.	3.8	7
7	Simulation study of natural gas hydrate slurry flow characteristics in a high-pressure flow loop. Fuel, 2022, 316, 123332.	6.4	5
8	Modeling of Gas Migration in Large Elevation Difference Oil Transmission Pipelines during the Commissioning Process. Energies, 2022, 15, 1379.	3.1	2
9	Numerical simulation on transportation behavior of dense coarse particles in vertical pipe with an optimized Eulerianâ€"Lagrangian method. Physics of Fluids, 2022, 34, .	4.0	14
10	Experimental and molecular dynamics studies of zwitterionic inhibitors of methane hydrate dissociation. Fuel, 2022, 318, 123059.	6.4	10
11	An Integral Model for Pipeline Gas Flow. , 2021, , .		0
12	Numerical simulation of particle erosion in the vertical-upward-horizontal elbow under multiphase bubble flow. Powder Technology, 2022, 404, 117437.	4.2	12
13	Numerical simulation of single bubble motion along inclined walls: A comprehensive map of outcomes. Ocean Engineering, 2022, 255, 111478.	4.3	5
14	Experimental and Modeling Investigation for Slugging Pressure under Zero Net Liquid Flow in Underwater Compressed Gas Energy Storage Systems. Applied Sciences (Switzerland), 2023, 13, 1216.	2.5	2
15	Experimental measurement and model prediction on methane hydrate equilibrium conditions in the presence of organic carboxylic sodium salts. Journal of Chemical Thermodynamics, 2023, 180, 107005.	2.0	2
16	Experiment on bubble characteristics of turbulent bubbly jets in pipe crossflow. Ocean Engineering, 2023, 271, 113782.	4.3	3
17	An improved model for predicting hydrate formation and deposition in horizontal annular flow. Ocean Engineering, 2023, 286, 115603.	4.3	2
18	Flow regimes and characteristics of dense particulate flows with coarse particles in inclined pipe. Powder Technology, 2023, 428, 118859.	4.2	6

#	ARTICLE	IF	CITATIONS
19	Numerical investigation of blind-tee effect on flow mixing in double-bend combinations. Ocean Engineering, 2023, 287, 115909.	4.3	0
20	Identification and prediction of hydrate–slug flow to improve safety and efficiency of deepwater hydrocarbon transportation. Journal of Cleaner Production, 2023, 430, 139632.	9.3	1
21	Fluid Flow Monitoring and Pipeline Fault Diagnosis in Three Tank Conical System Based on Capsule Neural Network. , 2023, , .		0
22	Morphology of deep-sea mining hydraulic conveying pipeline and its influencing laws in marine dynamic environment. Journal of Central South University, 2023, 30, 3790-3807.	3.0	0
23	Analysis of sensitivity to hydrate blockage risk in natural gas gathering pipeline. Petroleum Science, 2024, , .	4.9	0