

Wantong Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3935629/publications.pdf>

Version: 2024-02-01

15
papers

218
citations

1163117

8
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity analysis of multiphase flow in annulus during drilling of marine natural gas hydrate reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 692-707.	4.4	35
2	Multiphase non equilibrium pipe flow behaviors in the solid fluidization exploitation of marine natural gas hydrate reservoir. <i>Energy Science and Engineering</i> , 2018, 6, 760-782.	4.0	34
3	Stages in the Dynamics of Hydrate Formation and Consequences for Design of Experiments for Hydrate Formation in Sediments. <i>Energies</i> , 2019, 12, 3399.	3.1	34
4	Hydrate Production Philosophy and Thermodynamic Calculations. <i>Energies</i> , 2020, 13, 672.	3.1	29
5	Why Should We Use Residual Thermodynamics for Calculation of Hydrate Phase Transitions?. <i>Energies</i> , 2020, 13, 4135.	3.1	13
6	Imitating possible consequences of drilling through marine hydrate reservoir. <i>Energy</i> , 2022, 239, 121802.	8.8	13
7	Hydrate Formation and Decomposition Regularities in Offshore Gas Reservoir Production Pipelines. <i>Energies</i> , 2020, 13, 248.	3.1	8
8	Wellbore Temperature and Pressure Field in Deep-water Drilling and the Applications in Prediction of Hydrate Formation Region. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	8
9	Evaluation of Experimental Setup and Procedure for Rapid Preparation of Natural Gas Hydrate. <i>Energies</i> , 2020, 13, 531.	3.1	8
10	Sensitivity analysis of reservoir risk in marine gas hydrate drilling. <i>Petroleum</i> , 2021, 7, 427-438.	2.8	7
11	Routes to hydrate formation from water dissolved in gas and impact of mineral surfaces. <i>Petroleum</i> , 2021, 7, 385-401.	2.8	7
12	Alcohols for hydrate inhibition “ Different alcohols and different mechanisms. <i>Petroleum</i> , 2022, 8, 1-16.	2.8	7
13	Modeling of multiphase flow during underbalanced drilling considering velocity, temperature and pressure. <i>Energy Reports</i> , 2022, 8, 2574-2587.	5.1	7
14	The Rule of Carrying Cuttings in Horizontal Well Drilling of Marine Natural Gas Hydrate. <i>Energies</i> , 2020, 13, 1129.	3.1	6
15	Thermodynamics of hydrate systems using a uniform reference state. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2706.	1.5	2