

# 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  
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996975

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g-index

15  
all docs

15  
docs citations

15  
times ranked

103  
citing authors

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