

# Ngoc Nguyen Nguyen

## List of Publications by Year in descending order

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17  
papers

619  
citations

686830

13  
h-index

887659

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic Effect on Gas Hydrate Formation in the Presence of Additives. <i>Energy &amp; Fuels</i> , 2017, 31, 10311-10323.	2.5	104
2	Critical Review on Gas Hydrate Formation at Solid Surfaces and in Confined Spaces—Why and How Does Interfacial Regime Matter?. <i>Energy &amp; Fuels</i> , 2020, 34, 6751-6760.	2.5	95
3	Interfacial Gas Enrichment at Hydrophobic Surfaces and the Origin of Promotion of Gas Hydrate Formation by Hydrophobic Solid Particles. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3830-3840.	1.5	94
4	The dual effect of sodium halides on the formation of methane gas hydrate. <i>Fuel</i> , 2015, 156, 87-95.	3.4	69
5	Unexpected inhibition of CO <sub>2</sub> gas hydrate formation in dilute TBAB solutions and the critical role of interfacial water structure. <i>Fuel</i> , 2016, 185, 517-523.	3.4	48
6	The inhibition of methane hydrate formation by water alignment underneath surface adsorption of surfactants. <i>Fuel</i> , 2017, 197, 488-496.	3.4	43
7	Technical and economic perspectives of hydrate-based carbon dioxide capture. <i>Applied Energy</i> , 2022, 307, 118237.	5.1	31
8	Premelting-Induced Agglomeration of Hydrates: Theoretical Analysis and Modeling. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14599-14606.	4.0	24
9	Synergistic Effects of Sodium Iodide and Sodium Dodecyl Sulfate at Low Concentrations on Promoting Gas Hydrate Nucleation. <i>Energy &amp; Fuels</i> , 2020, 34, 9971-9977.	2.5	20
10	Surface Premelting and Interfacial Interactions of Semi-Clathrate Hydrate. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24080-24086.	1.5	19
11	Clathrate Adhesion Induced by Quasi-Liquid Layer. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21293-21300.	1.5	18
12	Surface Science in the Research and Development of Hydrate-Based Sustainable Technologies. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4041-4058.	3.2	18
13	High-purity amorphous silica from rice husk: Preparation and characterization. <i>Vietnam Journal of Chemistry</i> , 2018, 56, 730-736.	0.7	15
14	“Liquid-like” Water in Clathrates Induced by Host “Guest Hydrogen Bonding. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15751-15757.	1.5	11
15	A review on quantifying the influence of lateral capillary interactions on the particle floatability and stability of particle-laden interfaces. <i>Advances in Colloid and Interface Science</i> , 2022, 307, 102731.	7.0	5
16	A new paradigm of bubble-particle detachment interaction: How and where do the bubble and the particle detach?. <i>Minerals Engineering</i> , 2020, 159, 106607.	1.8	4
17	Synthesis and Characterization of New Eco-Friendly Fire-Retardants Based on Soda-Silicate Glass. <i>ASEAN Journal of Chemical Engineering</i> , 2020, 20, 120.	0.5	1