

Nilesh Choudhary

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7291200/publications.pdf>

Version: 2024-02-01

16
papers

407
citations

840119

11
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk and Interfacial Properties of the Decane + Brine System in the Presence of Carbon Dioxide, Methane, and Their Mixture. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 11525-11534.	1.8	11
2	Bulk and Interfacial Properties of Alkanes in the Presence of Carbon Dioxide, Methane, and Their Mixture. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 729-738.	1.8	17
3	Interfacial behavior of the decane + brine + surfactant system in the presence of carbon dioxide, methane, and their mixture. <i>Soft Matter</i> , 2021, 17, 10545-10554.	1.2	8
4	Morphology and dynamics of self-assembled structures in mixed surfactant systems (SDS+CAPB) in the context of methane hydrate growth. <i>Journal of Molecular Liquids</i> , 2020, 319, 114296.	2.3	10
5	Macro and Molecular Level Insights on Gas Hydrate Growth in the Presence of Hofmeister Salts. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20591-20600.	1.8	16
6	A comparison of different water models for melting point calculation of methane hydrate using molecular dynamics simulations. <i>Chemical Physics</i> , 2019, 516, 6-14.	0.9	25
7	Reply to Choukroun et al.: IR and TPD data suggest the formation of clathrate hydrates in laboratory experiments simulating ISM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14409-14410.	3.3	5
8	Methane recovery from marine gas hydrates: A bench scale study in presence of low dosage benign additives. <i>Applied Energy</i> , 2019, 253, 113566.	5.1	26
9	Methane hydrate dissociation in the presence of novel benign additives. <i>Energy Procedia</i> , 2019, 158, 5856-5865.	1.8	0
10	Bulk and interfacial properties of decane in the presence of carbon dioxide, methane, and their mixture. <i>Scientific Reports</i> , 2019, 9, 19784.	1.6	31
11	Clathrate hydrates in interstellar environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1526-1531.	3.3	44
12	Formation and Dissociation Kinetics in Simulated Hydrate Bearing Reservoir. <i>Current Environmental Engineering</i> , 2018, 5, 78-85.	0.6	2
13	Effect of Sodium Dodecyl Sulfate Surfactant on Methane Hydrate Formation: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6536-6542.	1.2	47
14	Molecular Dynamics Simulation and Experimental Study on the Growth of Methane Hydrate in Presence of Methanol and Sodium Chloride. <i>Energy Procedia</i> , 2017, 105, 5026-5033.	1.8	16
15	Effect of the amino acid L-histidine on methane hydrate growth kinetics. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 1453-1462.	2.1	114
16	Effect of polyvinylpyrrolidone at methane hydrate-liquid water interface. Application in flow assurance and natural gas hydrate exploitation. <i>Fuel</i> , 2016, 186, 613-622.	3.4	35