

Omar Nashed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5163815/publications.pdf>

Version: 2024-02-01

19
papers

848
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Review the impact of nanoparticles on the thermodynamics and kinetics of gas hydrate formation. Journal of Natural Gas Science and Engineering, 2018, 55, 452-465.	4.4	127
2	Experimental investigation on the dissociation conditions of methane hydrate in the presence of imidazolium-based ionic liquids. Journal of Chemical Thermodynamics, 2015, 84, 7-13.	2.0	118
3	The impact of amino acids on methane hydrate phase boundary and formation kinetics. Journal of Chemical Thermodynamics, 2018, 117, 48-53.	2.0	97
4	Experimental and modelling studies on thermodynamic methane hydrate inhibition in the presence of ionic liquids. Journal of Molecular Liquids, 2018, 249, 886-891.	4.9	68
5	COSMO-RS: An ionic liquid prescreening tool for gas hydrate mitigation. Chinese Journal of Chemical Engineering, 2016, 24, 1619-1624.	3.5	66
6	Impacts of ammonium based ionic liquids alkyl chain on thermodynamic hydrate inhibition for carbon dioxide rich binary gas. Journal of Molecular Liquids, 2018, 261, 283-290.	4.9	62
7	Mean induction time and isothermal kinetic analysis of methane hydrate formation in water and imidazolium based ionic liquid solutions. Journal of Chemical Thermodynamics, 2018, 117, 147-154.	2.0	49
8	Investigation of functionalized carbon nanotubes' performance on carbon dioxide hydrate formation. Energy, 2019, 174, 602-610.	8.8	43
9	Chemical Additives for Gas Hydrates. Green Energy and Technology, 2020, , .	0.6	35
10	Study of 1-(2-Hydroxyethyle) 3-methylimidazolium Halide as Thermodynamic Inhibitors. Applied Mechanics and Materials, 0, 625, 337-340.	0.2	33
11	Scalable bio-friendly method for production of homogeneous metal oxide nanoparticles using green bovine skin gelatin. Journal of Cleaner Production, 2017, 162, 186-194.	9.3	28
12	Physical-chemical Properties of Aqueous TBAOH Solution for Gas Hydrates Promotion. Procedia Engineering, 2016, 148, 1351-1356.	1.2	24
13	Gas Hydrate Equilibrium Measurement of Methane + Carbon Dioxide + Tetrahydrofuran+ Water System at High CO ₂ Concentrations. Procedia Engineering, 2016, 148, 1220-1224.	1.2	24
14	Ionic Liquids as Gas Hydrate Thermodynamic Inhibitors. Industrial & Engineering Chemistry Research, 2021, 60, 15835-15873.	3.7	22
15	Experimental and modeling studies on enhancing the thermodynamic hydrate inhibition performance of monoethylene glycol via synergistic green material. Scientific Reports, 2021, 11, 2396.	3.3	21
16	Kinematic Study of Methane Hydrate Formation and Self-Preservation in the Presence of Functionalized Carbon Nanotubes. Energy & Fuels, 2019, 33, 7684-7695.	5.1	14
17	Investigating the effect of silver nanoparticles on carbon dioxide hydrates formation. IOP Conference Series: Materials Science and Engineering, 2018, 458, 012058.	0.6	12
18	Gas Hydrate Promoters. Green Energy and Technology, 2020, , 47-65.	0.6	4

#	ARTICLE	IF	CITATIONS
19	pH and electrical conductivity measurements of aqueous solutions of amino acid-based ionic. E3S Web of Conferences, 2021, 287, 02018.	0.5	1