

Gas hydrates in sustainable chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chinese herbs: treasure troves for the discovery of environmentally friendly promoters for methane hydrate formation. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5947-5951.	2.5	8
2	Changes in relative permeability curves for natural gas hydrate decomposition due to particle migration. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 84, 103634.	2.1	17
3	Investigation of the Effect of NaCl on the Kinetics of R410a Hydrate Formation in the Presence and Absence of Cyclopentane with Potential Application in Hydrate-Based Desalination. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 14115-14125.	1.8	28
4	In Silico Engineering of Hydrate Anti-agglomerant Molecules Using Bias-Exchange Metadynamics Simulations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18983-18992.	1.5	11
5	NMR-Compatible Sample Cell for Gas Hydrate Studies in Porous Media. <i>Energy & Fuels</i> , 2020, 34, 12388-12398.	2.5	11
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7	X-Ray attenuation and image contrast in the X-ray computed tomography of clathrate hydrates depending on guest species. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 27658-27665.	1.3	7
8	Performance of Waterborne Polyurethanes in Inhibition of Gas Hydrate Formation and Corrosion: Influence of Hydrophobic Fragments. <i>Molecules</i> , 2020, 25, 5664.	1.7	23
9	Enhanced CH ₄ -CO ₂ Hydrate Swapping in the Presence of Low Dosage Methanol. <i>Energies</i> , 2020, 13, 5238.	1.6	23
10	Experimental Study on Displacement of Water by Sub-Zero N-Hexanol in a Straight Channel. <i>Energies</i> , 2020, 13, 5409.	1.6	0
11	Methane Hydrate Formation and Dissociation in Sand Media: Effect of Water Saturation, Gas Flowrate and Particle Size. <i>Energies</i> , 2020, 13, 5200.	1.6	16
12	Xenon recovery from natural gas by hybrid method based on gas hydrate crystallisation and membrane gas separation. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 86, 103740.	2.1	26
13	Structure and thermodynamics of empty clathrate hydrates below the freezing point of water. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16033-16043.	1.3	2
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15	Size dependence of the dissociation process of spherical hydrate particles <i>via</i> microsecond molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11180-11185.	1.3	10
16	Effect of KOH on the Energy Storage Performance of Molasses-Based Phosphorus and Nitrogen Co-Doped Carbon. <i>Electrochem</i> , 2021, 2, 29-41.	1.7	10
17	Insights into the climate-driven evolution of gas hydrate-bearing permafrost sediments: implications for prediction of environmental impacts and security of energy in cold regions. <i>RSC Advances</i> , 2021, 11, 14334-14346.	1.7	45
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