

Huen Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7193617/publications.pdf>

Version: 2024-02-01

16
papers

348
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Equilibria of CO ₂ and CH ₄ Hydrates in Intergranular Meso/Macro Pores of MIL-53 Metal Organic Framework. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2178-2185.	1.9	51
2	Gas Hydrate in Crystalline-Swelled Clay: The Effect of Pore Dimension on Hydrate Formation and Phase Equilibria. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22148-22153.	3.1	49
3	Experimental verifications of Mpemba-like behaviors of clathrate hydrates. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 1903-1907.	2.7	46
4	Spectroscopic Observation of Atomic Hydrogen Radicals Entrapped in Icy Hydrogen Hydrate. <i>Journal of the American Chemical Society</i> , 2008, 130, 9208-9209.	13.7	29
5	Atomic Hydrogen Production from Semi-clathrate Hydrates. <i>Journal of the American Chemical Society</i> , 2012, 134, 5560-5562.	13.7	26
6	Direct observation of atomic hydrogen generated from the water framework of clathrate hydrates. <i>Chemical Communications</i> , 2011, 47, 674-676.	4.1	24
7	Superoxide Ions Entrapped in Water Cages of Ionic Clathrate Hydrates. <i>Journal of the American Chemical Society</i> , 2010, 132, 3694-3696.	13.7	21
8	Rapid Clathrate Hydrate Formation Using a Heavy Guest Molecule with Sodium Dodecyl Sulfate. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 6079-6084.	3.7	19
9	Superexchange-Like Interaction of Encaged Molecular Oxygen in Nitrogen-Doped Water Cages of Clathrate Hydrates. <i>Journal of the American Chemical Society</i> , 2011, 133, 20399-20404.	13.7	17
10	Electrical Resistivity Measurements of Methane Hydrate during N ₂ /CO ₂ Gas Exchange. <i>Energy & Fuels</i> , 2017, 31, 708-713.	5.1	15
11	Spectroscopic and thermodynamic investigations of clathrate hydrates of methacrolein. <i>RSC Advances</i> , 2017, 7, 12359-12365.	3.6	11
12	Intracavity Conformational Changes in Clathrate Hydrates. <i>Journal of Physical Chemistry C</i> , 2016, 120, 17190-17195.	3.1	10
13	Thermodynamic Stability of Structure II Methyl Vinyl Ketone Binary Clathrate Hydrates and Effects of Secondary Guest Molecules on Large Guest Conformation. <i>ACS Omega</i> , 2017, 2, 1601-1607.	3.5	9
14	Abnormal Proton Positioning of Water Framework in the Presence of Paramagnetic Guest within Ion-Doped Clathrate Hydrate Host. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15193-15199.	3.1	8
15	Thermodynamic and spectroscopic identification of aldehyde hydrates. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 1897-1902.	2.7	7
16	Optical Properties of Tetrahydrofuran Clathrate Hydrates with Polyvinylpyrrolidone (THF +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td & Engineering Data, 2015, 60, 238-246.	1.9	6