

Pascal Clain

List of Publications by Year in descending order

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12
papers

456
citations

933447

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1199594

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12
docs citations

12
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic characterization of mixed gas hydrates in the presence of cyclopentane as guest molecule for an application in secondary refrigeration. <i>Chemical Engineering Science</i> , 2021, 244, 116790.	3.8	8
2	Methane Hydrate Formation and Dissociation in Sand Media: Effect of Water Saturation, Gas Flowrate and Particle Size. <i>Energies</i> , 2020, 13, 5200.	3.1	16
3	Kinetic study of CO ₂ hydrates crystallization: Characterization using FTIR/ATR spectroscopy and contribution modeling of equilibrium/non-equilibrium phase-behavior. <i>Chemical Engineering Science</i> , 2018, 192, 371-379.	3.8	14
4	Impact of pressure on the dynamic behavior of CO ₂ hydrate slurry in a stirred tank reactor applied to cold thermal energy storage. <i>Applied Energy</i> , 2017, 204, 641-652.	10.1	54
5	Rheological study of CO ₂ hydrate slurry in the presence of Sodium Dodecyl Sulfate in a secondary refrigeration loop. <i>Chemical Engineering Science</i> , 2017, 158, 294-303.	3.8	42
6	Rheological study on CO ₂ hydrate slurries for secondary refrigeration. <i>Energetika</i> , 2017, 63, .	0.6	4
7	Particle size distribution of TBPB hydrates by focused beam reflectance measurement (FBRM) for a secondary refrigeration application. <i>International Journal of Refrigeration</i> , 2015, 50, 19-31.	3.4	24
8	Thermodynamic properties of semiclathrate hydrates formed from the TBAB+TBPB+water and CO ₂ +TBAB+TBPB+water systems. <i>Fluid Phase Equilibria</i> , 2014, 372, 63-68.	2.5	52
9	Thermodynamic Studies of CO ₂ + TBAB + Water System: Experimental Measurements and Correlations. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2233-2239.	1.9	34
10	Accurate DSC measurement of the phase transition temperature in the TBPB+water system. <i>Journal of Chemical Thermodynamics</i> , 2013, 61, 132-137.	2.0	76
11	Rheological properties of tetra-n-butylphosphonium bromide hydrate slurry flow. <i>Chemical Engineering Journal</i> , 2012, 193-194, 112-122.	12.7	63
12	Experimental Data on Phase Behavior of Simple Tetrabutylphosphonium Bromide (TBPB) and Mixed CO ₂ + TBPB Semiclathrate Hydrates. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 2987-2993.	1.9	69