

Pascal Clain

List of Publications by Year in descending order

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12
papers

456
citations

933447

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1199594

12
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12
all docs

12
docs citations

12
times ranked

338
citing authors

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