Zheng Li

List of Publications by Year
in descending order

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12	465	933264 10	1199470 12
papers	citations	h-index	g-index

12	12	12	353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of tetra-n-butyl ammonium bromide semi-clathrate hydrate for CO2 capture from unconventional natural gases. Energy, 2020, 197, 117209.	4.5	39
2	Analysis of the Dissolution of CH4/CO2-Mixtures into Liquid Water and the Subsequent Hydrate Formation via In Situ Raman Spectroscopy. Energies, 2020, 13, 793.	1.6	1
3	Morphology and kinetic investigation of TBAB/TBPB semiclathrate hydrates formed with a CO2â€¯+â€¯CH4 gas mixture. Journal of Crystal Growth, 2019, 511, 79-88.	0.7	38
4	Phase equilibria and dissociation enthalpies for tetra-n-butylammonium chloride semiclathrate hydrates formed with CO2, CH4, and CO2+ CH4. Journal of Chemical Thermodynamics, 2018, 117, 54-59.	1.0	37
5	Efficient CO 2 Capture from a Simulated Shale Gas using Tetra- n -butylphosphonium Bromide Semiclathrate Hydrate. Energy Procedia, 2017, 105, 4904-4908.	1.8	6
6	Preferential enclathration of CO2 into tetra-n-butyl phosphonium bromide semiclathrate hydrate in moderate operating conditions: Application for CO2 capture from shale gas. Applied Energy, 2017, 199, 370-381.	5.1	48
7	Enhanced separation of carbon dioxide from a CO2Â+ CH4 gas mixture using a hybrid adsorption-hydrate formation process in the presence of coal particles. Journal of Natural Gas Science and Engineering, 2016, 35, 1472-1479.	2.1	26
8	Precombustion CO2 capture using a hybrid process of adsorption and gas hydrate formation. Energy, 2016, 102, 621-629.	4.5	48
9	Investigation of CO₂ Capture from a CO₂ + CH₄ Gas Mixture by Gas Hydrate Formation in the Fixed Bed of a Molecular Sieve. Industrial & Engineering Chemistry Research, 2016, 55, 7973-7980.	1.8	20
10	Evaluation of CO2 removal from a CO2+ CH4 gas mixture using gas hydrate formation in liquid water and THF solutions. Applied Energy, 2015, 158, 133-141.	5.1	87
11	Performance evaluation of methane separation from coal mine gas by gas hydrate formation in a stirred reactor and in a fixed bed of silica sand. Fuel, 2015, 143, 586-594.	3.4	69
12	Phase Equilibrium Data of Gas Hydrates Formed from a CO₂ + CH₄ Gas Mixture in the Presence of Tetrahydrofuran. Journal of Chemical & Engineering Data, 2014, 59, 4110-4117.	1.0	46