

Xiao-dong Shen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phase Equilibrium of Cyclopentane + Carbon Dioxide Binary Hydrates in Aqueous Sodium Chloride Solutions. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 2461-2465.	1.0	35
2	Flow characteristics of methane hydrate slurry in the transition region in a high-pressure flow loop. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 55, 64-73.	2.1	31
3	Experimental study on the kinetic effect of N -butyl- N -methylpyrrolidinium bromide on CO ₂ hydrate. <i>Journal of Molecular Liquids</i> , 2016, 223, 672-677.	2.3	29
4	Phase Equilibria of CO ₂ Hydrate in the Aqueous Solutions of N-Butyl-N-methylpyrrolidinium Bromide. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 3392-3396.	1.0	23
5	Scaling laws for nucleation rates of gas hydrate. <i>Fuel</i> , 2019, 253, 1597-1604.	3.4	23
6	Kinetic Effects of Ionic Liquids on Methane Hydrate. <i>Energy & Fuels</i> , 2019, 33, 1422-1432.	2.5	15
7	Synergism of Ethers on the Kinetic Inhibition Performance of Poly(N-vinyl pyrrolidone) on Methane Hydrate in a Pilot-Scale Flow Loop. <i>Energy & Fuels</i> , 2020, 34, 2790-2799.	2.5	12
8	Growth Kinetics of Methane Hydrate in a Pilot-Scale Flow Loop. <i>Energy & Fuels</i> , 2019, 33, 7717-7725.	2.5	7
9	Kinetic Inhibition of CO ₂ Hydrate by Carboxymethylcellulose Sodium through Retarded Mass Transfer. <i>Energy & Fuels</i> , 2021, 35, 18615-18622.	2.5	6