

Kirill V Gets

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New Phases of Ice: Simulation of Dynamic and Thermodynamic Properties of Empty Cubic, Hexagonal, Rhombic, and Tetragonal Clathrate Structures. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15659-15663.	3.1	4
2	Transformation of hydrogen bond network during CO ₂ clathrate hydrate dissociation. <i>Applied Surface Science</i> , 2020, 499, 143644.	6.1	10
3	Role of Methane as a Second Guest Component in Thermodynamic Stability and Isomer Selectivity of Butane Clathrate Hydrates. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18474-18481.	3.1	17
4	Lattice Dynamics Study of the Thermal Expansion of C ₃ H ₈ , CH ₄ , CF ₄ , CO ₂ , Xe-, and N ₂ -Hydrates. <i>Energy & Fuels</i> , 2020, 34, 12771-12778.	5.1	10
5	The nano-structural inhomogeneity of dynamic hydrogen bond network of TIP4P/2005 water. <i>Scientific Reports</i> , 2020, 10, 7323.	3.3	13
6	Phase diagram and composition of water based crystalline phases in hydrogen – Water binary system. <i>Solid State Communications</i> , 2019, 294, 6-10.	1.9	10
7	Stability of O ₃ + N ₂ , O ₃ + O ₂ and O ₃ + CO ₂ double hydrates: DFT study. <i>Mendeleev Communications</i> , 2019, 29, 705-706.	1.6	0
8	Ozone storage capacity in clathrate hydrates formed by O ₃ + O ₂ + N ₂ + CO ₂ gas mixtures. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12637-12641.	2.8	37
9	Influence of N ₂ on Formation Conditions and Guest Distribution of Mixed CO ₂ + CH ₄ Gas Hydrates. <i>Molecules</i> , 2018, 23, 3336.	3.8	34
10	Modeling the polymorphic transformations in amorphous solid ice. <i>Journal of Alloys and Compounds</i> , 2017, 707, 108-113.	5.5	5
11	Theoretical modeling of the thermodynamic properties and the phase diagram of binary gas hydrates of argon and hydrogen. <i>Fluid Phase Equilibria</i> , 2017, 434, 87-92.	2.5	34
12	Theoretical modeling of the gas hydrates of nitrous oxide and methane mixtures. <i>Mendeleev Communications</i> , 2017, 27, 397-398.	1.6	24
13	PECULIARITIES OF VIBRATION CHARACTERISTICS OF AMORPHOUS ICES. <i>International Journal of Computational Materials Science and Engineering</i> , 2012, 01, 1250008.	0.7	3