

Kirill V Gets

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

201
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

108
citing authors

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