Orsolya Gereben

List of Publications by Year
in descending order

11 papers	384 citations	1163117 8 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	532 citing authors

#	Article	IF	Citations
1	RMC_POT: A computer code for reverse monte carlo modeling the structure of disordered systems containing molecules of arbitrary complexity. Journal of Computational Chemistry, 2012, 33, 2285-2291.	3.3	101
2	Hydrogen Bonding and Molecular Aggregates in Liquid Methanol, Ethanol, and 1-Propanol. Journal of Physical Chemistry B, 2011, 115, 13473-13488.	2.6	97
3	Investigation of the Structure of Ethanolâ€“Water Mixtures by Molecular Dynamics Simulation I: Analyses Concerning the Hydrogen-Bonded Pairs. Journal of Physical Chemistry B, 2015, 119, 3070-3084.	2.6	67
4	Cluster formation and percolation in ethanol-water mixtures. Chemical Physics, 2017, 496, 1-8.	1.9	27
5	Ring structure analysis of ethanolâ€“water mixtures. Journal of Molecular Liquids, 2015, 211, 812-820.	4.9	23
6	Hydrogen bond connectivities in waterâ€“ethanol mixtures: On the influence of the H-bond definition. Journal of Molecular Liquids, 2016, 220, 836-841.	4.9	19
7	Reverse Monte Carlo study of spherical sample under non-periodic boundary conditions: the structure of Ru nanoparticles based on x-ray diffraction data. Journal of Physics Condensed Matter, 2013, 25, 454211.	1.8	18
8	Extension of the invariant environment refinement technique + reverse Monte Carlo method of structural modelling for interpreting experimental structure factors: The cases of amorphous silicon, phosphorus, and liquid argon. Journal of Chemical Physics, 2011, 135, 084111.	3.0	10
9	Molecular Conformations and the Liquid Structure in Bis(methylthio)methane and Diethyl Sulfide: Diffraction Experiments vs Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2012, 116, 9114-9121.	2.6	8
10	Lacunarity analysis of atomic configurations: Application to ethanol-water mixtures. Physical Review E, 2015, 92, 033305.	2.1	5
11	The liquid structure of tetrachloroethene: Molecular dynamics simulations and reverse Monte Carlo modeling with interatomic potentials. Journal of Chemical Physics, 2013, 139, 164509.	3.0	4