Larisa Zoranic

List of Publications by Year in descending order

23 papers	896 citations	623734 14 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1111 citing authors

#	Article	IF	Citations
1	Basic Charge Clusters and Predictions of Membrane Protein Topology. Journal of Chemical Information and Computer Sciences, 2002, 42, 620-632.	2.8	193
2	Microstructure of neat alcohols: A molecular dynamics study. Journal of Chemical Physics, 2007, 127, 024502.	3.0	88
3	A comparative Molecular Dynamics study of waterâ€“methanol and acetoneâ€“methanol mixtures. Journal of Molecular Liquids, 2011, 159, 52-59.	4.9	79
4	Ethanol-water mixtures: ultrasonics, Brillouin scattering and molecular dynamics. Journal of Molecular Liquids, 2011, 164, 66-73.	4.9	76
5	Micro-heterogeneity versus clustering in binary mixtures of ethanol with water or alkanes. Physical Chemistry Chemical Physics, 2016, 18, 23971-23979.	2.8	72
6	Microstructure of neat alcohols. Physical Review E, 2007, 75, 060502.	2.1	65
7	Antibacterial Activity Affected by the Conformational Flexibility in Glycineâ€“Lysine Based Î±-Helical Antimicrobial Peptides. Journal of Medicinal Chemistry, 2018, 61, 2924-2936.	6.4	48
8	Concentration fluctuations and microheterogeneity in aqueous amide mixtures. Journal of Chemical Physics, 2009, 130, 124315.	3.0	38
9	Structural changes in ethanolâ€“water mixtures: Ultrasonics, Brillouin scattering and molecular dynamics studies. Vibrational Spectroscopy, 2012, 60, 102-106.	2.2	34
10	A comparison of force fields for ethanolâ€“water mixtures. Molecular Simulation, 2015, 41, 699-712.	2.0	34
11	Simple and complex disorder in binary mixtures with benzene as a common solvent. Physical Chemistry Chemical Physics, 2015, 17, 9885-9898.	2.8	32
12	On the Microheterogeneity in Neat and Aqueous Amides:â€‰ A Molecular Dynamics Study. Journal of Physical Chemistry C, 2007, 111, 15586-15595.	3.1	24
13	PGLa-H tandem-repeat peptides active against multidrug resistant clinical bacterial isolates. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 228-237.	2.6	23
14	The microscopic structure of cold aqueous methanol mixtures. Journal of Chemical Physics, 2016, 145, 144502.	3.0	20
15	Anisaxins, helical antimicrobial peptides from marine parasites, kill resistant bacteria by lipid extraction and membrane disruption. Acta Biomaterialia, 2022, 146, 131-144.	8.3	15
16	Molecular dynamics simulations and femtosecond optical Kerr effect spectroscopy of methanol/acetone mixtures. Journal of Molecular Liquids, 2011, 159, 60-69.	4.9	12
17	A simple two dimensional model of methanol. Journal of Molecular Liquids, 2018, 262, 46-57.	4.9	8
18	Designed peptide with a flexible central motif from ranatuerins adapts its conformation to bacterial membranes. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2655-2668.	2.6	8

#	Article	IF	Citations
19	Water-like structure with repulsive double-core interactions. Molecular Physics, 2009, 107, 1349-1353.	1.7	7
20	A re-appraisal of the concept of ideal mixtures through a computer simulation study of the methanol-ethanol mixtures. Journal of Chemical Physics, 2016, 145, .	3.0	7
21	Density and energy distribution in water and organic solvents: A molecular dynamics study. Journal of Molecular Liquids, 2007, 136, 199-205.	4.9	5
22	The structuring in mixtures with acetone as the common solvent. Physics and Chemistry of Liquids, 2020, 58, 184-201.	1.2	5
23	The influence of binary mixtures' structuring on the calculation of Kirkwood-Buff integrals: A molecular dynamics study. Journal of Molecular Liquids, 2021, 324, 114773.	4.9	3