JarosÅ‚aw Wawer

List of Publications by Year
in descending order

Version: 2024-02-01

26 papers	393 citations	858243 12 h-index	843174 20 g-index
26 all docs	26 docs citations	26 times ranked	342 citing authors

#	Article	IF	Citations
1	DMSO and TMAOâ€"Differences in Interactions in Aqueous Solutions of the K-Peptide. International Journal of Molecular Sciences, 2022, 23, 1872.	1.8	4
2	Influence of Urea and Dimethyl Sulfoxide on K-Peptide Fibrillation. International Journal of Molecular Sciences, 2022, 23, 3027.	1.8	0
3	Understanding the interactions between protein stabilizers and the peptide bond through the analysis of the volumetric and compressibility properties for the model systems. Journal of Chemical Thermodynamics, 2021, 160, 106485.	1.0	1
4	Influence of stabilizing osmolytes on hen egg white lysozyme fibrillation. Journal of Biomolecular Structure and Dynamics, 2021, , 1-8.	2.0	1
5	The interaction parameters for solutions of n-butylurea in aqueous solutions of N-methylacetamide â€" The volumetric and compressibility studies between 288.15ÂK and 308.15ÂK. Journal of Chemical Thermodynamics, 2020, 149, 106143.	1.0	7
6	The hydration properties of protein stabilizer, trimethylamine-N-oxide in aqueous solutions of N-methylacetamideâ€"The volumetric and compressibility studies between 288.15 and 308.15â€¯K. Thermochimica Acta, 2020, 685, 178535.	1.2	6
7	The interpretation of the parameters of the equation used for the extrapolation of apparent molar volumes of the non-electrolyte (solutes) to the infinite dilution. Journal of Molecular Liquids, 2019, 296, 111765.	2.3	13
8	Amyloid fibril formation in the presence of water structure-affecting solutes. Biophysical Chemistry, 2019, 254, 106265.	1.5	4
9	Monitoring of lysozyme thermal denaturation by volumetric measurements and nanoDSF technique in the presence of N-butylurea. Journal of Biological Physics, 2019, 45, 161-172.	0.7	15
10	The hydration of selected biologically relevant molecules â€" the temperature effect on apparent molar volume and compression. Journal of Molecular Liquids, 2019, 274, 345-352.	2.3	10
11	How to stop salami science: promotion of healthy trends in publishing behavior. Accountability in Research, 2019, 26, 33-48.	1.6	12
12	Influence of the ionic strength on the amyloid fibrillogenesis of hen egg white lysozyme. International Journal of Biological Macromolecules, 2019, 121, 63-70.	3.6	38
13	Structural changes of water caused by non-electrolytes: Volumetric and compressibility approach for urea-like analogues. Journal of Molecular Liquids, 2018, 259, 112-123.	2.3	14
14	Effect of temperature and ionic strength on volumetric and acoustic properties of solutions of urea alkyl derivatives in aqueous NaCl. Journal of Chemical Thermodynamics, 2015, 90, 232-241.	1.0	15
15	Hydration of urea and its derivatives â€" Volumetric and compressibility studies. Journal of Chemical Thermodynamics, 2014, 79, 109-117.	1.0	35
16	Inhibition of amyloid fibril formation of hen egg white lysozyme by trimethylamine N-oxide at low pH. International Journal of Biological Macromolecules, 2014, 70, 214-221.	3.6	41
17	The hydration of the protein stabilizing agents: Trimethylamine-N-oxide, glycine and its N-methylderivatives â€" The volumetric and compressibility studies. Journal of Chemical Thermodynamics, 2013, 60, 179-190.	1.0	30
18	Densimetric and ultrasonic characterization of urea and its derivatives in water. Journal of Chemical Thermodynamics, 2013, 58, 211-220.	1.0	33

#	Article	IF	Citations
19	Apparent molar volumes and compressibilities of electrolytes and ions in Î³-butyrolactone. Journal of Chemical Thermodynamics, 2012, 54, 412-420.	1.0	20
20	Apparent molar volumes and compressibilities of lanthanum, gadolinium and lutetium trifluoromethanesulfonates in dimethylsulfoxide. Journal of Chemical Thermodynamics, 2012, 55, 79-84.	1.0	10
21	Solvation of multivalent cations in methanol â€“ Apparent molar volumes, expansibilities, and isentropic compressibilities. Journal of Chemical Thermodynamics, 2011, 43, 1731-1737.	1.0	18
22	Apparent molar volumes and compressibilities of alkaline earth metal ions in methanol and dimethylsulfoxide. Journal of Chemical Thermodynamics, 2010, 42, 1116-1125.	1.0	16
23	Thermodynamic Properties of Inorganic Salts in Nonaqueous Solvents. VI. Apparent Molar Volumes, Expansibilities, and Compressibilities of Divalent Transition Metal Ions in Methanol and Dimethylsulfoxide. Journal of Chemical & Engineering Data, 2010, 55, 2116-2122.	1.0	9
24	Usefulness of the Free Length Theory for assessment of the self-association of pure solvents. Journal of Molecular Liquids, 2009, 149, 37-44.	2.3	9
25	Apparent molar volumes, expansibilities, and isentropic compressibilities of selected electrolytes in methanol. Journal of Chemical Thermodynamics, 2008, 40, 1193-1199.	1.0	26
26	Solvation numbers of manganese (II) and zinc (II) perchlorates in methanol obtained from volumetric and compressibility properties. Journal of Molecular Liquids, 2008, 143, 95-99.	2.3	6