Bojan Å arac

List of Publications by Year
in descending order

17	409	933447 10	839539 18
papers	citations	h-index	g-index

19	19	19	381
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Usually overlooked problems related with measurements of high-heat effects using power compensation isothermal titration calorimetry. Journal of Thermal Analysis and Calorimetry, 2021, 145, 87-96.	3.6	7
2	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. Journal of Molecular Liquids, 2021, 337, 116353.	4.9	8
3	Analysis of Protonation Equilibria of Amino Acids in Aqueous Solutions Using Microsoft Excel. Journal of Chemical Education, 2021, 98, 1001-1007.	2.3	7
4	Thermodynamic and computational study of isomerism effect at micellization of imidazolium based surface-active ionic liquids: Counterion structure. Journal of Molecular Liquids, 2020, 301, 112419.	4.9	16
5	The Influence of Ionic Liquids on Micellization of Sodium Dodecyl Sulfate in Aqueous Solutions. Acta Chimica Slovenica, 2020, 67, 977-984.	0.6	3
6	Effect of cationic structure of surface active ionic liquids on their micellization: A thermodynamic study. Journal of Molecular Liquids, 2018, 271, 437-442.	4.9	34
7	Thermodynamic study for micellization of imidazolium based surface active ionic liquids in water: Effect of alkyl chain length and anions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 609-617.	4.7	65
8	Electrical, electrochemical and thermal properties of the ionic liquid + lactone binary mixtures as the potential electrolytes for lithium-ion batteries. Journal of Molecular Liquids, 2017, 243, 52-60.	4.9	16
9	Hydrophobicity of counterions as a driving force in the self-assembly process: Dodecyltrimethylammonium chloride and parabens. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 460, 108-117.	4.7	14
10	Thermodynamics of Micellization from Heatâ€Capacity Measurements. ChemPhysChem, 2014, 15, 1827-1833.	2.1	4
11	Salicylate Isomer-Specific Effect on the Micellization of Dodecyltrimethylammonium Chloride: Large Effects from Small Changes. Langmuir, 2013, 29, 4460-4469.	3.5	33
12	Thermodynamic Characterization of 3-[(3-Cholamidopropyl)-dimethylammonium]-1-propanesulfonate (CHAPS) Micellization Using Isothermal Titration Calorimetry: Temperature, Salt, and pH Dependence. Langmuir, 2012, 28, 10363-10371.	3.5	46
13	What affects the degree of micelle ionization: conductivity study of alkyltrimethylammonium chlorides. Acta Chimica Slovenica, 2012, 59, 564-70.	0.6	10
14	Thermodynamic and NMR study of aggregation of dodecyltrimethylammonium chloride in aqueous sodium salicylate solution. Colloid and Polymer Science, 2011, 289, 1597-1607.	2.1	22
15	Influence of the alkyl chain length, temperature, and added salt on the thermodynamics of micellization: Alkyltrimethylammonium chlorides in NaCl aqueous solutions. Journal of Chemical Thermodynamics, 2011, 43, 1557-1563.	2.0	26
16	Solution behavior of aqueous mixtures of low and high molecular weight hydrophobic amphiphiles. Colloid and Polymer Science, 2010, 288, 739-751.	2.1	2
17	Temperature and salt-induced micellization of dodecyltrimethylammonium chloride in aqueous solution: A thermodynamic study. Journal of Colloid and Interface Science, 2009, 338, 216-221.	9.4	92