SneÅ¾ana PaoviÄ

List of Publications by Year
in descending order

34 papers	651 citations	623574 14 h-index	610775 24 g-index
34 all docs	34 docs citations	34 times ranked	671 citing authors

#	Article	IF	Citations
1	The study of interactions in aqueous solutions of 1-alkyl-3-(3-butenyl)imidazolium bromide ionic liquids. Journal of Chemical Thermodynamics, 2021, 159, 106479.	1.0	6
2	Ionic Liquids: Review of their Current and Future Industrial Applications and their Potential Environmental Impact. Recent Patents on Nanotechnology, 2021, 15, 225-244.	0.7	8
3	Thermo-Analytical and Compatibility Study with Mechanistic Explanation of Degradation Kinetics of Ambroxol Hydrochloride Tablets under Non-Isothermal Conditions. Pharmaceutics, 2021, 13, 1910.	2.0	6
4	Volumetric properties, conductivity and computation analysis of selected imidazolium chloride ionic liquids in ethylene glycol. Journal of Molecular Liquids, 2021, 345, 118178.	2.3	9
5	Physicochemical Investigations of a Binary Mixture Containing Ionic Liquid 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide and Diethyl Carbonate. Journal of Chemical & Engineering Data, 2020, 65, 68-80.	1.0	9
6	Further insight into the influence of functionalization and positional isomerism of pyridinium ionic liquids on the aqueous two-phase system equilibria. Fluid Phase Equilibria, 2020, 512, 112520.	1.4	7
7	Thermophysical and electrochemical properties of 1â€“alkylâ€“3â€“(3â€“butenyl)imidazolium bromide ionic liquids. Journal of Chemical Thermodynamics, 2019, 139, 105871.	1.0	15
8	Electrochemical study of anatase TiO2 nanotube array electrode in electrolyte based on 1,3-diethylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid. Ionics, 2019, 25, 5501-5513.	1.2	4
9	Correlation between lipophilicity of newly synthesized ionic liquids and selected Fusarium genus growth rate. RSC Advances, 2019, 9, 19189-19196.	1.7	11
10	Improved single-step extraction performance of aqueous biphasic systems using novel symmetric ionic liquids for the decolorisation of toxic dye effluents. Journal of Industrial and Engineering Chemistry, 2019, 76, 500-507.	2.9	28
11	Aggregation properties and toxicity of newly synthesized thiazolium based surfactants â€“ Thermodynamic and computational study. Journal of Chemical Thermodynamics, 2019, 131, 599-612.	1.0	11
12	Towards edible ionic liquids - cholinium taurate. Journal of the Serbian Chemical Society, 2019, 84, 991-1004.	0.4	7
13	A systematic study on physicochemical and transport properties of imidazolium-based ionic liquids with Î³-butyrolactone. Journal of Chemical Thermodynamics, 2018, 116, 330-340.	1.0	11
14	Interaction of D-panthenol with water molecules â€“ Experimental and computational study. Journal of Chemical Thermodynamics, 2018, 118, 34-42.	1.0	7
15	Electrostriction of water and lower alcohols around ammonium nitrate â€“ Volumetric approach. Journal of Chemical Thermodynamics, 2018, 125, 56-63.	1.0	1
16	Is choline kosmotrope or chaotrope?. Journal of Chemical Thermodynamics, 2018, 124, 65-73.	1.0	13
17	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. Food Chemistry, 2017, 237, 53-57.	4.2	6
18	Investigation of 1,2,3-trialkylimidazolium ionic liquids: experiment and density functional theory calculations. New Journal of Chemistry, 2017, 41, 650-660.	1.4	12

#	Article	IF	Citations
19	A comparative study on the interactions of [bmim][NTf2] ionic liquid with selected four- to seven-membered-ring lactones. Journal of Chemical Thermodynamics, 2017, 107, 170-181.	1.0	9
20	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.	2.3	16
21	The effect of the alkyl chain length on physicochemical features of (ionic liquids +Î³-butyrolactone) binary mixtures. Journal of Chemical Thermodynamics, 2016, 99, 1-10.	1.0	38
22	Effect of the alkyl chain length on the electrical conductivity of six (imidazolium-based ionic liquids) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	31
23	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with Î³-butyrolactone. Journal of Chemical Thermodynamics, 2016, 101, 260-269.	1.0	16
24	Computational modeling of ionic liquids density by multivariate chemometrics. Journal of Molecular Liquids, 2016, 214, 276-282.	2.3	7
25	Liquidâ€“Liquid Equilibria in Aqueous 1-Alkyl-3-methylimidazolium- and 1-Butyl-3-ethylimidazolium-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2016, 61, 549-555.	1.0	30
26	Structuring of water in the new generation ionic liquid â€“ Comparative experimental and theoretical study. Journal of Chemical Thermodynamics, 2016, 93, 164-171.	1.0	42
27	Does the variation of the alkyl chain length on N1 and N3 of imidazole ring affect physicochemical features of ionic liquids in the same way?. Journal of Chemical Thermodynamics, 2016, 93, 52-59.	1.0	24
28	A comprehensive study of {Î³-butyrolactone + 1-methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide} binary mixtures. Journal of Chemical Thermodynamics, 2015, 91, 360-368.	1.0	20
29	Volumetric and viscosimetric properties of N-methyl-2-pyrrolidone with Î³-butyrolactone and propylene carbonate. Journal of Chemical Thermodynamics, 2015, 91, 301-312.	1.0	3
30	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolydinium bis(trifluoromethylsulfonyl)imide + Î³-butyrolactone} binary mixtures. Journal of Chemical Thermodynamics, 2015, 81, 66-76.	1.0	36
31	Density, electrical conductivity, viscosity and excess properties of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide + propylene carbonate binary mixtures. Journal of Chemical Thermodynamics, 2014, 68, 98-108.	1.0	102
32	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide + Î³-butyrolactone binary mixtures. Journal of Chemical Thermodynamics, 2014, 76, 161-171.	1.0	67
33	Volumetric Properties of Binary Mixtures of 1-Butyl-3-Methylimidazolium Tris(pentafluoroethyl)trifluorophosphate with N-Methylformamide, N-Ethylformamide, N,N-Dimethylformamide, N,N-Dibutylformamide, and N,N-Dimethylacetamide from (293.15 to 323.15) K. Journal of Chemical & Engineering	1.0	23
34	Volumetric Properties of Binary Mixtures of 1-Butyl-1-Methylpyrrolidinium Tris(pentafluoroethyl)trifluorophosphate with N-Methylformamide, N-Ethylformamide, N,N-Dimethylformamide, N,N-Dibutylformamide, and N,N-Dimethylacetamide from (293.15 to 323.15) K. Journal of Chemical & Engineering Data, 2014, 59, 1225-1231.	1.0	16