

# Snežana Papović

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide + $\hat{1}^3$ -butyrolactone binary mixtures. Journal of Chemical Thermodynamics, 2014, 76, 161-171.	1.0	67
3	Structuring of water in the new generation ionic liquid – Comparative experimental and theoretical study. Journal of Chemical Thermodynamics, 2016, 93, 164-171.	1.0	42
4	The effect of the alkyl chain length on physicochemical features of (ionic liquids + $\hat{1}^3$ -butyrolactone) binary mixtures. Journal of Chemical Thermodynamics, 2016, 99, 1-10.	1.0	38
5	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide + $\hat{1}^3$ -butyrolactone} binary mixtures. Journal of Chemical Thermodynamics, 2015, 81, 66-76.	1.0	36
6	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
7	Liquid–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
8	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
9	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
10	Volumetric Properties of Binary Mixtures of 1-Butyl-3-Methylimidazolium Tris(pentafluoroethyl)trifluorophosphate with <i>N</i> -Methylformamide, <i>N</i> -Ethylformamide, <i>N,N</i> -Dimethylformamide, <i>N,N</i> -Dibutylformamide, and <i>N,N</i> -Dimethylacetamide from (293.15 to 323.15) K. Journal of Chemical & Engineering Data, 2014, 59, 3372-3379.	1.0	23
11	A comprehensive study of { $\hat{1}^3$ -butyrolactone + 1-methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide} binary mixtures. Journal of Chemical Thermodynamics, 2015, 91, 360-368.	1.0	20
12	Volumetric Properties of Binary Mixtures of 1-Butyl-1-Methylpyrrolidinium Tris(pentafluoroethyl)trifluorophosphate with <i>N</i> -Methylformamide, <i>N</i> -Ethylformamide, <i>N,N</i> -Dimethylformamide, <i>N,N</i> -Dibutylformamide, and <i>N,N</i> -Dimethylacetamide from (293.15 to 323.15) K. Journal of Chemical & Engineering Data, 2014, 59, 1225-1231.	1.0	16
13	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with $\hat{1}^3$ -butyrolactone. Journal of Chemical Thermodynamics, 2016, 101, 260-269.	1.0	16
14	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
15	Thermophysical and electrochemical properties of “alkyl”-3-“(3-“butenyl)imidazolium bromide ionic liquids. Journal of Chemical Thermodynamics, 2019, 139, 105871.	1.0	15
16	Is choline kosmotrope or chaotrope?. Journal of Chemical Thermodynamics, 2018, 124, 65-73.	1.0	13
17	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
18	A systematic study on physicochemical and transport properties of imidazolium-based ionic liquids with $\hat{1}^3$ -butyrolactone. Journal of Chemical Thermodynamics, 2018, 116, 330-340.	1.0	11

#	ARTICLE	IF	CITATIONS
19	Correlation between lipophilicity of newly synthesized ionic liquids and selected <i>Fusarium</i> genus growth rate. RSC Advances, 2019, 9, 19189-19196.	1.7	11
20	Aggregation properties and toxicity of newly synthesized thiazolium based surfactants – Thermodynamic and computational study. Journal of Chemical Thermodynamics, 2019, 131, 599-612.	1.0	11
21	A comparative study on the interactions of [bmim][NTf <sub>2</sub> ] ionic liquid with selected four- to seven-membered-ring lactones. Journal of Chemical Thermodynamics, 2017, 107, 170-181.	1.0	9
22	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
23	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
24	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
25	Computational modeling of ionic liquids density by multivariate chemometrics. Journal of Molecular Liquids, 2016, 214, 276-282.	2.3	7
26	Interaction of D-panthenol with water molecules – Experimental and computational study. Journal of Chemical Thermodynamics, 2018, 118, 34-42.	1.0	7
27	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
28	Towards edible ionic liquids - cholinium taurate. Journal of the Serbian Chemical Society, 2019, 84, 991-1004.	0.4	7
29	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. Food Chemistry, 2017, 237, 53-57.	4.2	6
30	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
31	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
32	Electrochemical study of anatase TiO <sub>2</sub> nanotube array electrode in electrolyte based on 1,3-diethylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid. Ionics, 2019, 25, 5501-5513.	1.2	4
33	Volumetric and viscosimetric properties of N-methyl-2-pyrrolidone with $\gamma$ -butyrolactone and propylene carbonate. Journal of Chemical Thermodynamics, 2015, 91, 301-312.	1.0	3
34	Electrostriction of water and lower alcohols around ammonium nitrate – Volumetric approach. Journal of Chemical Thermodynamics, 2018, 125, 56-63.	1.0	1