

Slobodan B Gadzuric

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142
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147
ext. papers

1,797
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
142	Physicochemical Characterization of 1-Butyl-3-methylimidazolium and 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1072-1077	2.8	97
141	Density, electrical conductivity, viscosity and excess properties of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide+propylene carbonate binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2014 , 68, 98-108	2.9	86
140	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide+ γ -butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2014 , 76, 161-171	2.9	56
139	Influence of the N-3 alkyl chain length on improving inhibition properties of imidazolium-based ionic liquids on copper corrosion. <i>Journal of Molecular Liquids</i> , 2018 , 264, 526-533	6	38
138	Thermochromism, stability and thermodynamics of cobalt(II) complexes in newly synthesized nitrate based ionic liquid and its photostability. <i>Dalton Transactions</i> , 2014 , 43, 15515-25	4.3	30
137	Physicochemical properties of (1-butyl-1-methylpyrrolidinium dicyanamide + γ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 327-335	2.9	29
136	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide + γ -butyrolactone} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 81, 66-76	2.9	29
135	The effect of the alkyl chain length on physicochemical features of (ionic liquids + γ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 99, 1-10	2.9	28
134	The effect of imidazolium based ionic liquids on wheat and barley germination and growth: Influence of length and oxygen functionalization of alkyl side chain. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 401-406	7	27
133	Structuring of water in the new generation ionic liquid [Comparative experimental and theoretical study. <i>Journal of Chemical Thermodynamics</i> , 2016 , 93, 164-171	2.9	26
132	Onosma aucheriana: A source of biologically active molecules for novel food ingredients and pharmaceuticals. <i>Journal of Functional Foods</i> , 2015 , 19, 479-486	5.1	26
131	Effect of cationic structure of surface active ionic liquids on their micellization: A thermodynamic study. <i>Journal of Molecular Liquids</i> , 2018 , 271, 437-442	6	26
130	Liquid-Liquid Equilibria in Aqueous 1-Alkyl-3-methylimidazolium- and 1-Butyl-3-ethylimidazolium-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 549-555	2.8	24
129	Experimental and chemometric study of antioxidant capacity of basil (<i>Ocimum basilicum</i>) extracts. <i>Industrial Crops and Products</i> , 2017 , 100, 176-182	5.9	23
128	Volumetric Properties of Binary Mixtures of 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide with N-Methylformamide and N,N-Dimethylformamide from (293.15 to 323.15) K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1092-1102	2.8	23
127	Effect of the alkyl chain length on the electrical conductivity of six (imidazolium-based ionic liquids + γ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 367-377	2.9	21
126	Toxicity reduction of imidazolium-based ionic liquids by the oxygenation of the alkyl substituent. <i>RSC Advances</i> , 2016 , 6, 96289-96295	3.7	21

125	Structure making properties of 1-(2-hydroxyethyl)-3-methylimidazolium chloride ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2016 , 95, 174-179	2.9	20
124	Self-assembling, reactivity and molecular dynamics of fullerene nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016 , 19, 135-144	3.6	19
123	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?. <i>Journal of Chemical Thermodynamics</i> , 2016 , 93, 52-59	2.9	19
122	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. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3372-3379	2.8	19
121	Thermal and conductometric studies of the CeBr ₃ -MBr binary systems (M=Li, Na). <i>Journal of Alloys and Compounds</i> , 2008 , 450, 162-166	5.7	19
120	Simultaneous extraction of pesticides of different polarity applying aqueous biphasic systems based on ionic liquids. <i>Journal of Molecular Liquids</i> , 2017 , 243, 646-653	6	18
119	Determination of reactive properties of 1-butyl-3-methylimidazolium taurate ionic liquid employing DFT calculations. <i>Journal of Molecular Liquids</i> , 2016 , 222, 796-803	6	18
118	Competition between Cation-Solvent and Cation-Anion Interactions in Imidazolium Ionic Liquids with Polar Aprotic Solvents. <i>ChemPhysChem</i> , 2017 , 18, 718-721	3.2	17
117	A comprehensive study of {Butyrolactone + 1-methyl-3-propylimidazolium bis (trifluoromethylsulfonyl)imide} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 360-368	2.9	17
116	Extracting information from the molten salt database. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2006 , 37, 3411-3414	2.3	17
115	Advanced oxidation processes for the removal of [bmim][Sal] third generation ionic liquids: effect of water matrices and intermediates identification. <i>RSC Advances</i> , 2016 , 6, 52826-52837	3.7	17
114	Cobalt halide complex formation in aqueous calcium nitrate-ammonium nitrate melts. I. Cobalt(II) chlorides. <i>Journal of Molecular Liquids</i> , 2007 , 135, 135-140	6	16
113	Kosmotropism of newly synthesized 1-butyl-3-methylimidazolium taurate ionic liquid: Experimental and computational study. <i>Journal of Chemical Thermodynamics</i> , 2016 , 94, 85-95	2.9	15
112	Physicochemical and structural properties of lidocaine-based ionic liquids with anti-inflammatory anions.. <i>RSC Advances</i> , 2020 , 10, 14089-14098	3.7	15
111	Electronic Spectra and Stability of Cobalt Halide Complexes in Molten Calcium Nitrate Tetrahydrate. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004 , 59, 602-608	1.4	14
110	Electrical Conductivity of Molten Binary NdBr ₃ -Alkali Bromide Mixtures. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004 , 59, 77-83	1.4	14
109	Electrochemical Performance of Anatase TiO ₂ Nanotube Arrays Electrode in Ionic Liquid Based Electrolyte for Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H5100-H5107	3.9	14
108	Volumetric and viscosimetric properties of [bmim][DCA] + Butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 307-314	2.9	13

107	Volumetric properties of ammonium nitrate in N,N-dimethylformamide. <i>Journal of Chemical Thermodynamics</i> , 2012 , 54, 245-249	2.9	13
106	Phase diagram and electrical conductivity of the CeBr ₃ BbBr binary system. <i>Journal of Alloys and Compounds</i> , 2008 , 450, 175-180	5.7	13
105	Phase Diagram and Electrical Conductivity of CeBr ₃ -KBr. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2007 , 62, 197-204	1.4	13
104	Metal Complex Formation in Melts of Acetamide-Ammonium Nitrate-Water Mixtures, Part I. Cobalt(II) Chloride Complexes. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2005 , 60, 201-206	1.4	13
103	DFT study of 1-butyl-3-methylimidazolium salicylate: a third-generation ionic liquid. <i>Journal of Molecular Modeling</i> , 2015 , 21, 246	2	12
102	Electrical and electrochemical behavior of [bmim][DCA] + γ -butyrolactone electrolyte. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 293-299	2.9	12
101	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. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 1225-1231	2.8	12
100	Volumetric properties of binary mixtures of N-ethylformamide with tetrahydrofuran, 2-butanone, and ethylacetate from T=(293.15 to 313.15)K. <i>Journal of Chemical Thermodynamics</i> , 2012 , 51, 37-44	2.9	12
99	Electrical, electrochemical and thermal properties of the ionic liquid + lactone binary mixtures as the potential electrolytes for lithium-ion batteries. <i>Journal of Molecular Liquids</i> , 2017 , 243, 52-60	6	12
98	Determination of Carbendazim by an Ionic Liquid-Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2017 , 50, 1075-1090	2.2	12
97	Volumetric Properties of Binary Mixtures of N-Ethylformamide with Tetrahydropyran, 2-Pentanone, and Propylacetate from (293.15 to 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1070-1077	2.8	12
96	New sample preparation method based on task-specific ionic liquids for extraction and determination of copper in urine and wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 155-166	4.4	12
95	Chemometric estimation of post-mortem interval based on Na ⁺ and K ⁺ concentrations from human vitreous humour by linear least squares and artificial neural networks modelling. <i>Australian Journal of Forensic Sciences</i> , 2014 , 46, 166-179	1.1	11
94	Absorption spectra of cobalt(II) chloride and nitrate complexes in aqueous calcium nitrate-ammonium nitrate melts: The influence of solvent composition. <i>Journal of Molecular Liquids</i> , 2010 , 152, 34-38	6	11
93	Evaluation of the impact of different alkyl length and type of substituent in imidazolium ionic liquids on cucumber germination, growth and oxidative stress. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 35594-35601	5.1	11
92	Physicochemical features and toxicity of some vitamin based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017 , 247, 411-424	6	10
91	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with γ -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 260-269	2.9	10
90	Thermochromic cobalt(II) chloro-complexes in different media: Possible application for auto-regulated solar protection. <i>Solar Energy Materials and Solar Cells</i> , 2012 , 105, 309-316	6.4	10

89	Electrical Conductivity and Density of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2914-2918	2.8	10
88	Cobalt halide complex formation in aqueous calcium nitrate–ammonium nitrate melts. II. Cobalt(II) bromide. <i>Journal of Molecular Liquids</i> , 2009 , 145, 14-18	6	10
87	Investigation of 1,2,3-trialkylimidazolium ionic liquids: experiment and density functional theory calculations. <i>New Journal of Chemistry</i> , 2017 , 41, 650-660	3.6	9
86	Influence of the alkyl chain length on densities and volumetric properties of 1,3-dialkylimidazolium bromide ionic liquids and their aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2018 , 121, 72-78 ²⁻⁹	2.9	9
85	How to rank and discriminate artificial neural networks? Case study: prediction of anticancer activity of 17-picoyl and 17-picolinylidene androstane derivatives. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 499-507	2	9
84	Phase diagram and electrical conductivity of the EuBr ₂ –NaBr binary system. <i>Journal of Nuclear Materials</i> , 2005 , 344, 120-123	3.3	9
83	Protic ionic liquids as adjuvants to enhance extraction and separation performance of diverse polarity compounds in PEG-salt based aqueous biphasic system. <i>Journal of Molecular Liquids</i> , 2020 , 303, 112484	6	9
82	Thermodynamic and computational study of isomerism effect at micellization of imidazolium based surface-active ionic liquids: Counterion structure. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112419	6	9
81	Correlation between lipophilicity of newly synthesized ionic liquids and selected genus growth rate.. <i>RSC Advances</i> , 2019 , 9, 19189-19196	3.7	8
80	Improved single-step extraction performance of aqueous biphasic systems using novel symmetric ionic liquids for the decolorisation of toxic dye effluents. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 76, 500-507	6.3	8
79	Thermophysical and electrochemical properties of 1-alkyl-3-(n-butyl)imidazolium bromide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2019 , 139, 105871	2.9	8
78	Phase diagram and electrical conductivity of EuBr ₂ –LiBr binary system. <i>Journal of Alloys and Compounds</i> , 2005 , 397, 63-67	5.7	8
77	Thermodynamic and structural properties of high temperature solid and liquid EuBr ₂ . <i>Journal of Nuclear Materials</i> , 2005 , 344, 115-119	3.3	8
76	Aggregation properties and toxicity of newly synthesized thiazolium based surfactants □ Thermodynamic and computational study. <i>Journal of Chemical Thermodynamics</i> , 2019 , 131, 599-612	2.9	8
75	Physicochemical and electrochemical characterisation of imidazolium based IL + GBL mixtures as electrolytes for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 28139-28152	3.6	7
74	The organisation of water around creatine and creatinine molecules. <i>Journal of Chemical Thermodynamics</i> , 2019 , 128, 103-109	2.9	7
73	Cobalt(II) halide association equilibria in ammonium nitrate–dimethyl sulfoxide melts. <i>Journal of Molecular Liquids</i> , 2010 , 154, 82-87	6	7
72	Thermodynamic investigation of the KBr–LiBr ₃ system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2008 , 32, 43-48	1.9	7

71	Influence of oxygen functionalization on physico-chemical properties of imidazolium based ionic liquids [Experimental and computational study. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 1598-1611	5.9	7
70	Is choline kosmotrope or chaotrope?. <i>Journal of Chemical Thermodynamics</i> , 2018 , 124, 65-73	2.9	7
69	Nature of the interactions in binary mixtures of 1-butyl-3-ethylimidazolium bromide ionic liquid with methanol and ethanol. <i>Journal of Molecular Liquids</i> , 2017 , 229, 212-216	6	6
68	Uncommon structure making/breaking behaviour of cholinium taurate in water. <i>Journal of Chemical Thermodynamics</i> , 2017 , 107, 58-64	2.9	6
67	A comparative study on the interactions of [bmim][NTf ₂] ionic liquid with selected four- to seven-membered-ring lactones. <i>Journal of Chemical Thermodynamics</i> , 2017 , 107, 170-181	2.9	6
66	Synthesis and Thermophysical Characterization of New Biologically Friendly Agmatine-Based Ionic Liquids and Salts by Experimental and Computational Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10773-10783	8.3	6
65	The effect of polar head group of dodecyl surfactants on the growth of wheat and cucumber. <i>Chemosphere</i> , 2020 , 254, 126918	8.4	6
64	Hydrophilic interaction chromatography coupled to tandem mass spectrometry as a method for simultaneous determination of guanidinoacetate and creatine. <i>Analytica Chimica Acta</i> , 2018 , 1028, 96-103	6.6	6
63	A systematic study on physicochemical and transport properties of imidazolium-based ionic liquids with γ -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2018 , 116, 330-340	2.9	6
62	Physicochemical properties of the EuBr ₂ -Br binary system. <i>Journal of Alloys and Compounds</i> , 2008 , 450, 157-161	5.7	6
61	Anticancer and antimicrobial properties of imidazolium based ionic liquids with salicylate anion. <i>Journal of the Serbian Chemical Society</i> , 2020 , 85, 291-303	0.9	6
60	What is the taste of vitamin-based ionic liquids?. <i>Journal of Molecular Liquids</i> , 2019 , 276, 902-909	6	6
59	Interaction of D-panthenol with water molecules [Experimental and computational study. <i>Journal of Chemical Thermodynamics</i> , 2018 , 118, 34-42	2.9	6
58	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. <i>Food Chemistry</i> , 2017 , 237, 53-57	8.5	5
57	New protic ionic liquids for fungi and bacteria removal from paper heritage artefacts.. <i>RSC Advances</i> , 2019 , 9, 17905-17912	3.7	5
56	New methylpyridinium ionic liquids [Influence of the position of CH ₃ group on physicochemical and structural properties. <i>Journal of Molecular Liquids</i> , 2019 , 283, 208-220	6	5
55	Further insight into the influence of functionalization and positional isomerism of pyridinium ionic liquids on the aqueous two-phase system equilibria. <i>Fluid Phase Equilibria</i> , 2020 , 512, 112520	2.5	5
54	Computational modeling of ionic liquids density by multivariate chemometrics. <i>Journal of Molecular Liquids</i> , 2016 , 214, 276-282	6	5

53	Stability and Thermodynamics of ThermoChromic Cobalt(II) Chloride Complexes in Low-Melting Phase Change Materials. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2000-2003	2.8	5
52	Electrical conductivity of the molten EuBr ₂ /MBr binary mixtures (M=Li, Na, K, Rb, or Cs). <i>Journal of Molecular Liquids</i> , 2008 , 140, 78-83	6	5
51	Towards edible ionic liquids - cholinium taurate. <i>Journal of the Serbian Chemical Society</i> , 2019 , 84, 991-1004	4	5
50	Aqueous biphasic systems comprising copolymers and cholinium-based salts or ionic liquids: Insights on the mechanisms responsible for their creation. <i>Separation and Purification Technology</i> , 2020 , 248, 117050	8.3	5
49	Physicochemical Investigations of a Binary Mixture Containing Ionic Liquid 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide and Diethyl Carbonate. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 68-80	2.8	5
48	How the presence of ATP affect caffeine hydration and self-aggregation?. <i>Journal of Molecular Liquids</i> , 2020 , 318, 113885	6	5
47	Physicochemical characterization of choline based ionic liquids with chelating anions. <i>Journal of Chemical Thermodynamics</i> , 2019 , 131, 80-87	2.9	5
46	Evaluation of pattern recognition techniques for the attribution of cultural heritage objects based on the qualitative XRF data. <i>Microchemical Journal</i> , 2021 , 167, 106267	4.8	5
45	Analysis of functional ingredients and composition of Ocimum basilicum. <i>South African Journal of Botany</i> , 2021 , 141, 227-234	2.9	5
44	Ionic liquids as potentially new antifungal agents against species.. <i>RSC Advances</i> , 2020 , 10, 22318-22323	3.7	4
43	Valorization of Expired Energy Drinks by Designed and Integrated Ionic Liquid-Based Aqueous Biphasic Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5683-5692	8.3	4
42	Insights into interactions between 1-butyl-3-methylimidazolium dicyanamide and molecular solvents: γ -valerolactone, γ -butyrolactone and propylene carbonate. Volumetric properties and MD simulations. <i>Journal of Molecular Liquids</i> , 2018 , 268, 481-489	6	4
41	Cobalt(II) halide association equilibria in ammonium nitrate-dimethyl sulfoxide melts. II. Cobalt(II) bromide. <i>Journal of Molecular Liquids</i> , 2012 , 169, 117-123	6	4
40	ThermoChromic behaviour and cobalt(II) bromide complex equilibrium in low temperature melting acetamide-ammonium nitrate-water mixtures. <i>Journal of Molecular Liquids</i> , 2011 , 159, 157-160	6	4
39	Thermodynamics of cadmium halide complex formation in acetamide-calcium nitrate tetrahydrate melt. <i>Journal of Molecular Liquids</i> , 1999 , 83, 75-82	6	4
38	Experimental and Computational Evaluation of Extraction Procedure and Scavenging Capacity of Sweet Basil Extracts (<i>Ocimum basilicum</i> L.). <i>Plant Foods for Human Nutrition</i> , 2021 , 76, 240-247	3.9	4
37	The solvation properties and effect of d-fructose on the taste behavior of Citrus aurantium active components in aqueous solutions. <i>Food and Function</i> , 2018 , 9, 5569-5579	6.1	4
36	ThermoChromic behaviour and thermodynamics of cobalt(II) chloride complexes in ammonium nitrate + N-methylformamide mixture. <i>Journal of Molecular Liquids</i> , 2019 , 282, 264-274	6	3

35	Electrochemical study of anatase TiO ₂ nanotube array electrode in electrolyte based on 1,3-diethylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid. <i>Ionics</i> , 2019 , 25, 5501-5513	2.7	3
34	Volumetric properties of ammonium nitrate in N-methylformamide. <i>Journal of Molecular Liquids</i> , 2014 , 193, 189-193	6	3
33	Electrical Conductivity and Phase Transitions of Calcium Nitrate + Ammonium Nitrate + Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1990-1993	2.8	3
32	Thermodynamic Functions of Definite Compounds Formed in EuBr ₂ -MBr Binary Systems (M = K, Rb). <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1266-1270	2.8	3
31	Multivariate Chemometrics with Regression and Classification Analyses in Heroin Profiling Based on the Chromatographic Data. <i>Iranian Journal of Pharmaceutical Research</i> , 2016 , 15, 725-734	1.1	3
30	Analysis of operating variables for Yerba mate leaves supercritical carbon dioxide extraction. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018 , 24, 231-238	0.7	3
29	Volumetric and viscosimetric properties of N-methyl-2-pyrrolidone with γ -butyrolactone and propylene carbonate. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 301-312	2.9	2
28	Toward Tailoring of Electrolyte Additives for Efficient Alkaline Water Electrolysis: Salicylate-Based Ionic Liquids. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4731-4742	6.1	2
27	Viscosity of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3365-3371	2.8	2
26	Compound formation in lanthanide-alkali metal halide systems. <i>Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy</i> , 2014 , 123, 35-42		2
25	Transport properties of ammonium nitrate in N-methylformamide and N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , 2014 , 195, 99-104	6	2
24	Heat Capacity and Thermodynamic Properties of LaBr ₃ at 300 \pm 100 K. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004 , 59, 825-828	1.4	2
23	Thermodynamics of Lead(II) Halide Complex Formation in Calcium Nitrate Tetrahydrate-Acetamide Melts. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2001 , 56, 832-836	1.4	2
22	Prediction of the inhibitory activity of benzimidazole derivatives against <i>Bacillus</i> spp.. <i>Acta Periodica Technologica</i> , 2011 , 251-261	0.8	2
21	From amino acids to dipeptide: The changes in thermal stability and hydration properties of Alanine, L-histidine and L-carnosine. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115250	6	2
20	²¹⁰ Pb/ ²¹⁰ Bi detection in waters by cherenkov counting [perspectives and new possibilities. <i>Radiation Physics and Chemistry</i> , 2020 , 166, 108474	2.5	2
19	Rapid Determination of the Primary Alkaloids in Illicit Heroin by High-Performance Liquid Chromatography with Tandem Mass Spectrometry (HPLC-MS/MS). <i>Analytical Letters</i> , 2021 , 54, 1224-1232	2.2	2
18	A comprehensive study of parameters correlated with honey health benefits.. <i>RSC Advances</i> , 2021 , 11, 12434-12441	3.7	2

17	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116353	6	2
16	Design and analysis of interactions in ionic liquids based on procaine and pharmaceutically active anions. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 166, 105966	5.1	2
15	Spectrophotometric Investigation of Cobalt Chloride Complex Formation in Aqueous Calcium Nitrate-Ammonium Nitrate Melts at T = 328.15 K: Influence of Water Content. <i>Journal of Solution Chemistry</i> , 2019 , 48, 1364-1377	1.8	1
14	Multivariate Analysis for Chemistry-Property Relationships in Molten Salts. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 467-476	1.4	1
13	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids.. <i>International Journal of Pharmaceutics</i> , 2022 , 121510	6.5	1
12	Conductivity study with caffeinate anion - Caffeic acid and its sodium and potassium salts. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112219	6	1
11	Electroanalytical performance of a β -cyclodextrin and ionic liquid modified carbon paste electrode for the determination of verapamil in urine and pharmaceutical formulation. <i>Analytical Methods</i> , 2021 , 13, 2963-2973	3.2	1
10	Electrostriction of water and lower alcohols around ammonium nitrate - Volumetric approach. <i>Journal of Chemical Thermodynamics</i> , 2018 , 125, 56-63	2.9	1
9	The nature of ions organisation in aqueous solutions of ionic liquids based on local anaesthetic drugs and salicylic acid. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116673	6	1
8	Influence of structural changes of cation and anion on phytotoxicity of selected surface active ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117458	6	1
7	Review of the thermodynamic and transport properties of EuBr ₂ -BbBr binary system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 101, 455-461	4.1	0
6	Scintillating and wavelength shifting effect investigation of 3-methylpyridinium salicylate and its application in LSC measurements. <i>Applied Radiation and Isotopes</i> , 2021 , 172, 109697	1.7	0
5	Interactions of transition metal ions with N-methylformamide as a peptide bond model system. <i>Journal of Molecular Liquids</i> , 2019 , 284, 405-414	6	
4	The analysis of chromatographic behavior of homoandrostane derivatives in reversed-phase ultra-high performance liquid chromatography. <i>Acta Periodica Technologica</i> , 2021 , 147-158	0.8	
3	Materials Informatics for Molten Salts Chemistry 355-366		
2	Volumetric properties, viscosity and taste behavior of MDMA-HCl in aqueous binary and (water + D-lactose) ternary mixtures at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2020 , 142, 106027	2.9	
1	Influence of the carboxyl group on the physicochemical and hydration properties of the imidazolium-based ionic liquid. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115474	6	