

# Slobodan B GadÅ¾uriÄ

## List of Publications by Year in descending order

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145  
papers

2,089  
citations

279487

23  
h-index

377514

34  
g-index

147  
all docs

147  
docs citations

147  
times ranked

1933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical Characterization of 1-Butyl-3-methylimidazolium and 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1072-1077.	1.0	122
2	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.	1.0	102
3	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide + $\beta$ -butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2014, 76, 161-171.	1.0	67
4	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.	2.3	57
5	Structuring of water in the new generation ionic liquid – Comparative experimental and theoretical study. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 164-171.	1.0	42
6	Physicochemical properties of (1-butyl-1-methylpyrrolidinium dicyanamide + $\beta$ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 327-335.	1.0	38
7	The effect of the alkyl chain length on physicochemical features of (ionic liquids + $\beta$ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016, 99, 1-10.	1.0	38
8	Experimental and chemometric study of antioxidant capacity of basil ( <i>Ocimum basilicum</i> ) extracts. <i>Industrial Crops and Products</i> , 2017, 100, 176-182.	2.5	37
9	Thermochromism, stability and thermodynamics of cobalt(II) complexes in newly synthesized nitrate based ionic liquid and its photostability. <i>Dalton Transactions</i> , 2014, 43, 15515-15525.	1.6	36
10	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide + $\beta$ -butyrolactone} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015, 81, 66-76.	1.0	36
11	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.	2.9	35
12	<i>Onosma aucheriana</i> : A source of biologically active molecules for novel food ingredients and pharmaceuticals. <i>Journal of Functional Foods</i> , 2015, 19, 479-486.	1.6	34
13	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.	2.3	34
14	Toxicity reduction of imidazolium-based ionic liquids by the oxygenation of the alkyl substituent. <i>RSC Advances</i> , 2016, 6, 96289-96295.	1.7	31
15	Effect of the alkyl chain length on the electrical conductivity of six (imidazolium-based ionic liquids) $T_j$ ETQq1 1 0.784314 $\text{rgBT} / \text{Overlocl}$	1.0	31
16	Physicochemical and structural properties of lidocaine-based ionic liquids with anti-inflammatory anions. <i>RSC Advances</i> , 2020, 10, 14089-14098.	1.7	31
17	Liquid-Liquid Equilibria in Aqueous 1-Alkyl-3-methylimidazolium- and 1-Butyl-3-ethylimidazolium-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 549-555.	1.0	30
18	Structure making properties of 1-(2-hydroxyethyl)-3-methylimidazolium chloride ionic liquid. <i>Journal of Chemical Thermodynamics</i> , 2016, 95, 174-179.	1.0	30

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19	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.	2.9	28
20	Volumetric Properties of Binary Mixtures of 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide with <i>N</i> -Methylformamide and <i>N,N</i> -Dimethylformamide from (293.15 to 323.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2013, 58, 1092-1102.	1.0	25
21	Self-assembling, reactivity and molecular dynamics of fullerene nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 135-144.	1.3	25
22	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.	2.3	25
23	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.	1.0	24
24	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. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 3372-3379.	1.0	23
25	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.	2.3	22
26	Physicochemical features and toxicity of some vitamin based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017, 247, 411-424.	2.3	22
27	Thermal and conductometric studies of the CeBr <sub>3</sub> -MBr binary systems (M=Li, Na). <i>Journal of Alloys and Compounds</i> , 2008, 450, 162-166.	2.8	21
28	Competition between Cation-Solvent and Cation-Anion Interactions in Imidazolium Ionic Liquids with Polar Aprotic Solvents. <i>ChemPhysChem</i> , 2017, 18, 718-721.	1.0	21
29	A comprehensive study of { $\gamma$ -butyrolactone + 1-methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 360-368.	1.0	20
30	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.	1.7	19
31	Extracting information from the molten salt database. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2006, 37, 3411-3414.	1.1	17
32	Volumetric properties of binary mixtures of <i>N</i> -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.	1.0	17
33	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.	1.0	17
34	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.	1.9	17
35	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.	0.7	16
36	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.	2.3	16

#	ARTICLE	IF	CITATIONS
37	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. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 1225-1231.	1.0	16
38	DFT study of 1-butyl-3-methylimidazolium salicylate: a third-generation ionic liquid. <i>Journal of Molecular Modeling</i> , 2015, 21, 246.	0.8	16
39	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with $\hat{t}$ -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2016, 101, 260-269.	1.0	16
40	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.	1.0	16
41	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.	2.3	16
42	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.	2.7	16
43	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.	2.3	16
44	Electrical Conductivity of Molten Binary $\text{NaBr} + \text{Alkali Bromide}$ Mixtures. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004, 59, 77-83.	0.7	15
45	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.	2.3	15
46	Volumetric and viscosimetric properties of [bmim][DCA] + $\hat{t}$ -butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 307-314.	1.0	15
47	Thermophysical and electrochemical properties of $1\text{-}(\text{alkyl})\text{-}3\text{-}(3\text{-butenyl})\text{-imidazolium}$ bromide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2019, 139, 105871.	1.0	15
48	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.	2.3	15
49	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.	3.9	15
50	Electrochemical Performance of Anatase $\text{TiO}_2$ Nanotube Arrays Electrode in Ionic Liquid Based Electrolyte for Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017, 164, H5100-H5107.	1.3	15
51	Phase Diagram and Electrical Conductivity of $\text{CeBr}_3\text{-KBr}$ . <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2007, 62, 197-204.	0.7	14
52	Phase diagram and electrical conductivity of the $\text{CeBr}_3\text{-RbBr}$ binary system. <i>Journal of Alloys and Compounds</i> , 2008, 450, 175-180.	2.8	14
53	Electrical and electrochemical behavior of [bmim][DCA] + $\hat{t}$ -butyrolactone electrolyte. <i>Journal of Chemical Thermodynamics</i> , 2016, 101, 293-299.	1.0	14
54	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.	0.7	13

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55	Volumetric properties of ammonium nitrate in N,N-dimethylformamide. <i>Journal of Chemical Thermodynamics</i> , 2012, 54, 245-249.	1.0	13
56	Volumetric Properties of Binary Mixtures of <i>N</i> -Ethylformamide with Tetrahydropyran, 2-Pentanone, and Propylacetate from (293.15 to 313.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2013, 58, 1070-1077.	1.0	13
57	Chemometric estimation of post-mortem interval based on Na <sup>+</sup> and K <sup>+</sup> 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.	0.7	13
58	Determination of Carbendazim by an Ionic Liquid-Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2017, 50, 1075-1090.	1.0	13
59	Is choline kosmotrope or chaotrope?. <i>Journal of Chemical Thermodynamics</i> , 2018, 124, 65-73.	1.0	13
60	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.	2.3	13
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.	0.4	13
62	Investigation of 1,2,3-trialkylimidazolium ionic liquids: experiment and density functional theory calculations. <i>New Journal of Chemistry</i> , 2017, 41, 650-660.	1.4	12
63	Uncommon structure making/breaking behaviour of cholinium taurate in water. <i>Journal of Chemical Thermodynamics</i> , 2017, 107, 58-64.	1.0	12
64	What is the taste of vitamin-based ionic liquids?. <i>Journal of Molecular Liquids</i> , 2019, 276, 902-909.	2.3	12
65	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.	3.2	12
66	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.	3.0	11
67	A systematic study on physicochemical and transport properties of imidazolium-based ionic liquids with $\beta$ -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 330-340.	1.0	11
68	Correlation between lipophilicity of newly synthesized ionic liquids and selected <i>Fusarium</i> genus growth rate. <i>RSC Advances</i> , 2019, 9, 19189-19196.	1.7	11
69	Aggregation properties and toxicity of newly synthesized thiazolium based surfactants – Thermodynamic and computational study. <i>Journal of Chemical Thermodynamics</i> , 2019, 131, 599-612.	1.0	11
70	Physicochemical characterization of choline based ionic liquids with chelating anions. <i>Journal of Chemical Thermodynamics</i> , 2019, 131, 80-87.	1.0	11
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.	2.3	11
72	Analysis of functional ingredients and composition of <i>Ocimum basilicum</i> . <i>South African Journal of Botany</i> , 2021, 141, 227-234.	1.2	11

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73	Thermodynamic and structural properties of high temperature solid and liquid EuBr <sub>2</sub> . Journal of Nuclear Materials, 2005, 344, 115-119.	1.3	10
74	Cobalt halide complex formation in aqueous calcium nitrate-ammonium nitrate melts. II. Cobalt(II) bromide. Journal of Molecular Liquids, 2009, 145, 14-18.	2.3	10
75	Electrical Conductivity and Density of Ammonium Nitrate + Formamide Mixtures. Journal of Chemical & Engineering Data, 2011, 56, 2914-2918.	1.0	10
76	Physicochemical and electrochemical characterisation of imidazolium based IL + GBL mixtures as electrolytes for lithium-ion batteries. Physical Chemistry Chemical Physics, 2017, 19, 28139-28152.	1.3	10
77	New protic ionic liquids for fungi and bacteria removal from paper heritage artefacts. RSC Advances, 2019, 9, 17905-17912.	1.7	10
78	How the presence of ATP affect caffeine hydration and self-aggregation?. Journal of Molecular Liquids, 2020, 318, 113885.	2.3	10
79	A comprehensive study of parameters correlated with honey health benefits. RSC Advances, 2021, 11, 12434-12441.	1.7	10
80	Phase diagram and electrical conductivity of the EuBr <sub>2</sub> -NaBr binary system. Journal of Nuclear Materials, 2005, 344, 120-123.	1.3	9
81	Phase diagram and electrical conductivity of EuBr <sub>2</sub> -LiBr binary system. Journal of Alloys and Compounds, 2005, 397, 63-67.	2.8	9
82	How to rank and discriminate artificial neural networks? Case study: prediction of anticancer activity of 17-picoyl and 17-picolinylidene androstane derivatives. Journal of the Iranian Chemical Society, 2016, 13, 499-507.	1.2	9
83	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
84	The organisation of water around creatine and creatinine molecules. Journal of Chemical Thermodynamics, 2019, 128, 103-109.	1.0	9
85	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
86	Design and analysis of interactions in ionic liquids based on procaine and pharmaceutically active anions. European Journal of Pharmaceutical Sciences, 2021, 166, 105966.	1.9	9
87	Thermodynamic investigation of the KBr-TbBr <sub>3</sub> system. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2008, 32, 43-48.	0.7	8
88	Nature of the interactions in binary mixtures of 1-butyl-3-ethylimidazolium bromide ionic liquid with methanol and ethanol. Journal of Molecular Liquids, 2017, 229, 212-216.	2.3	8
89	Hydrophilic interaction chromatography coupled to tandem mass spectrometry as a method for simultaneous determination of guanidinoacetate and creatine. Analytica Chimica Acta, 2018, 1028, 96-103.	2.6	8
90	Toward Tailoring of Electrolyte Additives for Efficient Alkaline Water Electrolysis: Salicylate-Based Ionic Liquids. ACS Applied Energy Materials, 2018, 1, 4731-4742.	2.5	8

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91	Ionic liquids as potentially new antifungal agents against <i>Alternaria</i> species. RSC Advances, 2020, 10, 22318-22323.	1.7	8
92	The effect of polar head group of dodecyl surfactants on the growth of wheat and cucumber. Chemosphere, 2020, 254, 126918.	4.2	8
93	From amino acids to dipeptide: The changes in thermal stability and hydration properties of $\beta$ -alanine, L-histidine and L-carnosine. Journal of Molecular Liquids, 2021, 328, 115250.	2.3	8
94	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. Journal of Molecular Liquids, 2021, 337, 116353.	2.3	8
95	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids. International Journal of Pharmaceutics, 2022, 615, 121510.	2.6	8
96	Physicochemical properties of the EuBr <sub>2</sub> -KBr binary system. Journal of Alloys and Compounds, 2008, 450, 157-161.	2.8	7
97	Cobalt(II)-halide association equilibria in ammonium nitrate-dimethyl sulfoxide melts. Journal of Molecular Liquids, 2010, 154, 82-87.	2.3	7
98	Computational modeling of ionic liquids density by multivariate chemometrics. Journal of Molecular Liquids, 2016, 214, 276-282.	2.3	7
99	Interaction of D-panthenol with water molecules – Experimental and computational study. Journal of Chemical Thermodynamics, 2018, 118, 34-42.	1.0	7
100	The solvation properties and effect of <i>D</i> -fructose on the taste behavior of <i>Citrus aurantium</i> active components in aqueous solutions. Food and Function, 2018, 9, 5569-5579.	2.1	7
101	Insights into interactions between 1-butyl-3-methylimidazolium dicyanamide and molecular solvents: $\gamma$ -valerolactone, $\beta$ -butyrolactone and propylene carbonate. Volumetric properties and MD simulations. Journal of Molecular Liquids, 2018, 268, 481-489.	2.3	7
102	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
103	Towards edible ionic liquids - cholinium taurate. Journal of the Serbian Chemical Society, 2019, 84, 991-1004.	0.4	7
104	Electrical conductivity of the molten EuBr <sub>2</sub> -MBr binary mixtures (M=Li, Na, K, Rb, or Cs). Journal of Molecular Liquids, 2008, 140, 78-83.	2.3	6
105	Stability and Thermodynamics of Thermochromic Cobalt(II) Chloride Complexes in Low-Melting Phase Change Materials. Journal of Chemical & Engineering Data, 2010, 55, 2000-2003.	1.0	6
106	Volumetric properties of ammonium nitrate in N-methylformamide. Journal of Molecular Liquids, 2014, 193, 189-193.	2.3	6
107	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. Food Chemistry, 2017, 237, 53-57.	4.2	6
108	Synthesis and Thermophysical Characterization of New Biologically Friendly Agmatine-Based Ionic Liquids and Salts by Experimental and Computational Approach. ACS Sustainable Chemistry and Engineering, 2019, 7, 10773-10783.	3.2	6

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109	210Pb/210Bi detection in waters by cherenkov counting – perspectives and new possibilities. <i>Radiation Physics and Chemistry</i> , 2020, 166, 108474.	1.4	6
110	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.	1.0	6
111	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.	1.4	6
112	Thermo-Analytical and Compatibility Study with Mechanistic Explanation of Degradation Kinetics of Ambroxol Hydrochloride Tablets under Non-Isothermal Conditions. <i>Pharmaceutics</i> , 2021, 13, 1910.	2.0	6
113	Heat Capacity and Thermodynamic Properties of $\text{LaBr}_3$ at 300 – 1100 K. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004, 59, 825-828.	0.7	5
114	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.	2.3	5
115	New methylpyridinium ionic liquids – Influence of the position of –CH <sub>3</sub> group on physicochemical and structural properties. <i>Journal of Molecular Liquids</i> , 2019, 283, 208-220.	2.3	5
116	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.	2.3	5
117	Thermodynamics of cadmium halide complex formation in acetamide – calcium nitrate tetrahydrate melt. <i>Journal of Molecular Liquids</i> , 1999, 83, 75-82.	2.3	4
118	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.	2.3	4
119	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.	0.6	4
120	Electrochemical study of anatase TiO <sub>2</sub> nanotube array electrode in electrolyte based on 1,3-diethylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid. <i>Ionics</i> , 2019, 25, 5501-5513.	1.2	4
121	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.	2.3	4
122	Electroanalytical performance of a $\beta$ -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.	1.3	4
123	Thermodynamic Functions of Definite Compounds Formed in $\text{EuBr}_2$ –MBr Binary Systems (M = K, Rb). <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1266-1270.	1.0	3
124	Electrical Conductivity and Phase Transitions of Calcium Nitrate + Ammonium Nitrate + Water Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 1990-1993.	1.0	3
125	Viscosity of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 3365-3371.	1.0	3
126	Volumetric and viscosimetric properties of N-methyl-2-pyrrolidone with $\gamma$ -butyrolactone and propylene carbonate. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 301-312.	1.0	3



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127	Prediction of the inhibitory activity of benzimidazole derivatives against <i>Bacillus</i> spp.. <i>Acta Periodica Technologica</i> , 2011, , 251-261.	0.5	3
128	Analysis of operating variables for Yerba mate leaves supercritical carbon dioxide extraction. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018, 24, 231-238.	0.4	3
129	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.	0.3	3
130	Multivariate Analysis for Chemistry-Property Relationships in Molten Salts. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009, 64, 467-476.	0.7	2
131	Transport properties of ammonium nitrate in N-methylformamide and N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , 2014, 195, 99-104.	2.3	2
132	Spectrophotometric Investigation of Cobalt Chloride Complex Formation in Aqueous Calcium Nitrate-Ammonium Nitrate Melts at 328.15 K: Influence of Water Content. <i>Journal of Solution Chemistry</i> , 2019, 48, 1364-1377.	0.6	2
133	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.	0.7	2
134	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.	0.7	2
135	Review of the thermodynamic and transport properties of EuBr <sub>2</sub> -RbBr binary system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 455-461.	2.0	1
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