

# Milan B VraneÅ;

## List of Publications by Year in descending order

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148  
papers

2,172  
citations

279701

23  
h-index

360920

35  
g-index

149  
all docs

149  
docs citations

149  
times ranked

2154  
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	New 4 $\pi$ -(4-chlorophenyl)-2,2 $\pi$ :6 $\pi$ :2 $\pi$ -terpyridine ruthenium(II) complexes: Synthesis, characterization, interaction with DNA/BSA and cytotoxicity studies. <i>Journal of Inorganic Biochemistry</i> , 2017, 169, 1-12.	1.5	77
4	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
5	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
6	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
7	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
8	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
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	Guanidinoacetic acid versus creatine for improved brain and muscle creatine levels: a superiority pilot trial in healthy men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 1005-1007.	0.9	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) Tj ETQq1 1 0.784314 rgBT /Overlo	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	Newly Synthesized Heteronuclear Ruthenium(II)/Ferrocene Complexes Suppress the Growth of Mammary Carcinoma in 4T1-Treated BALB/c Mice by Promoting Activation of Antitumor Immunity. <i>Organometallics</i> , 2018, 37, 4250-4266.	1.1	24
25	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, 2272-2279.	1.0	23
26	Aqueous biphasic system formation using 1-alkyl-3-ethylimidazolium bromide ionic liquids as new extractants. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 40, 152-160.	2.9	23
27	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
28	Physicochemical features and toxicity of some vitamin based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017, 247, 411-424.	2.3	22
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	Synthesis, characterization, anticancer evaluation and mechanisms of cytotoxic activity of novel 3-hydroxy-3-pyrrolin-2-ones bearing thenoyl fragment: DNA, BSA interactions and molecular docking study. <i>Bioorganic Chemistry</i> , 2019, 88, 102954.	2.0	20
31	Synthesis, Anticancer Evaluation and Synergistic Effects with <i>cis</i> -platin of Novel Palladium Complexes: DNA, BSA Interactions and Molecular Docking Study. <i>Medicinal Chemistry</i> , 2020, 16, 78-92.	0.7	20
32	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
33	Dietary guanidinoacetic acid increases brain creatine levels in healthy men. <i>Nutrition</i> , 2017, 33, 149-156.	1.1	19
34	Discovery of the Biginelli hybrids as novel caspase-9 activators in apoptotic machines: Lipophilicity, molecular docking study, influence on angiogenesis gene and miR-21 expression levels. <i>Bioorganic Chemistry</i> , 2019, 86, 569-582.	2.0	18
35	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
36	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

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37	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
38	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
39	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
40	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
41	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with $\beta$ -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2016, 101, 260-269.	1.0	16
42	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
43	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
44	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
45	Water-Tuned Tautomer-Selective Tandem Synthesis of the 5,6-Dihydropyrimidin-4(3 <i>H</i> )-ones, Driven under the Umbrella of Sustainable Chemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13358-13366.	3.2	16
46	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
47	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
48	Volumetric and viscosimetric properties of [bmim][DCA] + $\beta$ -butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 307-314.	1.0	15
49	Thermophysical and electrochemical properties of “alkyl” (3-“butenyl)imidazolium bromide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2019, 139, 105871.	1.0	15
50	Correlation between biomarkers of creatine metabolism and serum indicators of peripheral muscle fatigue during exhaustive exercise in active men. <i>Research in Sports Medicine</i> , 2020, 28, 147-154.	0.7	15
51	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
52	Biological activity of bis(pyrazolylpyridine) and terpyridine Os( $\kappa^2$ ) complexes in the presence of biocompatible ionic liquids. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2749-2770.	3.0	15
53	Electrochemical Performance of Anatase TiO <sub>2</sub> 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
54	Electrical and electrochemical behavior of [bmim][DCA] + $\beta$ -butyrolactone electrolyte. <i>Journal of Chemical Thermodynamics</i> , 2016, 101, 293-299.	1.0	14

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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 N-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	Biological evaluation of selected 3,4-dihydro-2(1H)-quinoxalinones and 3,4-dihydro-1,4-benzoxazin-2-ones: Molecular docking study. <i>Archiv Der Pharmazie</i> , 2018, 351, e1700308.	2.1	13
59	Is choline kosmotrope or chaotrope?. <i>Journal of Chemical Thermodynamics</i> , 2018, 124, 65-73.	1.0	13
60	Facile Monitoring of Water Hardness Levels Using Responsive Complex Emulsions. <i>Analytical Chemistry</i> , 2021, 93, 9390-9396.	3.2	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	A single session of exhaustive exercise markedly decreases circulating levels of guanidinoacetic acid in healthy men and women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 1100-1103.	0.9	12
63	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
64	Uncommon structure making/breaking behaviour of cholinium taurate in water. <i>Journal of Chemical Thermodynamics</i> , 2017, 107, 58-64.	1.0	12
65	What is the taste of vitamin-based ionic liquids?. <i>Journal of Molecular Liquids</i> , 2019, 276, 902-909.	2.3	12
66	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
67	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
68	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
69	Guanidinoacetic Acid and Creatine are Associated with Cardiometabolic Risk Factors in Healthy Men and Women: A Cross-Sectional Study. <i>Nutrients</i> , 2018, 10, 87.	1.7	11
70	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
71	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
72	Physicochemical characterization of choline based ionic liquids with chelating anions. <i>Journal of Chemical Thermodynamics</i> , 2019, 131, 80-87.	1.0	11

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73	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
74	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.	2.3	10
75	Electrical Conductivity and Density of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2011, 56, 2914-2918.	1.0	10
76	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.	1.3	10
77	New protic ionic liquids for fungi and bacteria removal from paper heritage artefacts. <i>RSC Advances</i> , 2019, 9, 17905-17912.	1.7	10
78	How the presence of ATP affect caffeine hydration and self-aggregation?. <i>Journal of Molecular Liquids</i> , 2020, 318, 113885.	2.3	10
79	A new class of half-sandwich ruthenium complexes containing Biginelli hybrids: anticancer and anti-SARS-CoV-2 activities. <i>Chemico-Biological Interactions</i> , 2022, 363, 110025.	1.7	10
80	How to rank and discriminate artificial neural networks? Case study: prediction of anticancer activity of 17-picolyl and 17-picolinylidene androstane derivatives. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 499-507.	1.2	9
81	A comparative study on the interactions of [bmim][NTf2] ionic liquid with selected four- to seven-membered-ring lactones. <i>Journal of Chemical Thermodynamics</i> , 2017, 107, 170-181.	1.0	9
82	Guanidinoacetic acid with creatine compared with creatine alone for tissue creatine content, hyperhomocysteinemia, and exercise performance: A randomized, double-blind superiority trial. <i>Nutrition</i> , 2019, 57, 162-166.	1.1	9
83	The organisation of water around creatine and creatinine molecules. <i>Journal of Chemical Thermodynamics</i> , 2019, 128, 103-109.	1.0	9
84	Physicochemical Investigations of a Binary Mixture Containing Ionic Liquid 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide and Diethyl Carbonate. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 68-80.	1.0	9
85	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.	1.9	9
86	Volumetric properties, conductivity and computation analysis of selected imidazolium chloride ionic liquids in ethylene glycol. <i>Journal of Molecular Liquids</i> , 2021, 345, 118178.	2.3	9
87	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.	2.3	8
88	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.	2.6	8
89	Toward Tailoring of Electrolyte Additives for Efficient Alkaline Water Electrolysis: Salicylate-Based Ionic Liquids. <i>ACS Applied Energy Materials</i> , 2018, 1, 4731-4742.	2.5	8
90	Ionic liquids as potentially new antifungal agents against <i>Alternaria</i> species. <i>RSC Advances</i> , 2020, 10, 22318-22323.	1.7	8

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91	The effect of polar head group of dodecyl surfactants on the growth of wheat and cucumber. <i>Chemosphere</i> , 2020, 254, 126918.	4.2	8
92	From amino acids to dipeptide: The changes in thermal stability and hydration properties of $\beta$ -alanine, L-histidine and L-carnosine. <i>Journal of Molecular Liquids</i> , 2021, 328, 115250.	2.3	8
93	Synthesis, Characterization, Antioxidant Activity of $\beta$ -diketonates, and Effects of Coordination to Copper(II) Ion on their Activity: DNA, BSA Interactions and Molecular Docking Study. <i>Medicinal Chemistry</i> , 2021, 17, 519-532.	0.7	8
94	Ionic Liquids: Review of their Current and Future Industrial Applications and their Potential Environmental Impact. <i>Recent Patents on Nanotechnology</i> , 2021, 15, 225-244.	0.7	8
95	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. <i>Journal of Molecular Liquids</i> , 2021, 337, 116353.	2.3	8
96	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids. <i>International Journal of Pharmaceutics</i> , 2022, 615, 121510.	2.6	8
97	Cobalt(II) halide association equilibria in ammonium nitrate dimethyl sulfoxide melts. <i>Journal of Molecular Liquids</i> , 2010, 154, 82-87.	2.3	7
98	Computational modeling of ionic liquids density by multivariate chemometrics. <i>Journal of Molecular Liquids</i> , 2016, 214, 276-282.	2.3	7
99	Interaction of D-panthenol with water molecules – Experimental and computational study. <i>Journal of Chemical Thermodynamics</i> , 2018, 118, 34-42.	1.0	7
100	The solvation properties and effect of $\alpha$ -D-fructose on the taste behavior of Citrus aurantium active components in aqueous solutions. <i>Food and Function</i> , 2018, 9, 5569-5579.	2.1	7
101	Insights into interactions between 1-butyl-3-methylimidazolium dicyanamide and molecular solvents: $\gamma$ -valerolactone, $\gamma$ -butyrolactone and propylene carbonate. Volumetric properties and MD simulations. <i>Journal of Molecular Liquids</i> , 2018, 268, 481-489.	2.3	7
102	Searching for a better formulation to enhance muscle bioenergetics: A randomized controlled trial of creatine nitrate plus creatine vs. creatine nitrate vs. creatine monohydrate in healthy men. <i>Food Science and Nutrition</i> , 2019, 7, 3766-3773.	1.5	7
103	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.	1.4	7
104	Synthesis, Characterization, Antitumor Potential, BSA and DNA Binding Properties, and Molecular Docking Study of Some Novel 3-Hydroxy-3- Pyrrolin-2-Ones. <i>Medicinal Chemistry</i> , 2022, 18, 337-352.	0.7	7
105	Towards edible ionic liquids - cholinium taurate. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 991-1004.	0.4	7
106	Anticancer evaluation of the selected tetrahydropyrimidines: 3D-QSAR, cytotoxic activities, mechanism of action, DNA, and BSA interactions. <i>Journal of Molecular Structure</i> , 2022, 1257, 132621.	1.8	7
107	Stability and Thermodynamics of Thermochromic Cobalt(II) Chloride Complexes in Low-Melting Phase Change Materials. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 2000-2003.	1.0	6
108	Volumetric properties of ammonium nitrate in N-methylformamide. <i>Journal of Molecular Liquids</i> , 2014, 193, 189-193.	2.3	6

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109	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. <i>Food Chemistry</i> , 2017, 237, 53-57.	4.2	6
110	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.	3.2	6
111	<sup>210</sup> Pb/ <sup>210</sup> Bi detection in waters by cherenkov counting – perspectives and new possibilities. <i>Radiation Physics and Chemistry</i> , 2020, 166, 108474.	1.4	6
112	The study of interactions in aqueous solutions of 1-alkyl-3-(3-butenyl)imidazolium bromide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2021, 159, 106479.	1.0	6
113	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
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	Green one-pot synthesis of pyrido-dipyrimidine DNA-base hybrids in water. <i>Environmental Chemistry Letters</i> , 2021, 19, 729-736.	8.3	5
117	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
118	Influence of side-chain length on antifungal efficacy of N-alkyl nicotinamide-based compounds. <i>Environmental Science and Pollution Research</i> , 2022, 29, 71742-71751.	2.7	5
119	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
120	Effects of Guanidinoacetic Acid Loading on Biomarkers of Cardiometabolic Risk and Inflammation. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 18-20.	1.0	4
121	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
122	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
123	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
124	Ionic Liquid-Derived Carbon-Supported Metal Electrocatalysts as Anodes in Direct Borohydride-Peroxide Fuel Cells. <i>Catalysts</i> , 2021, 11, 632.	1.6	4
125	Improving ethylene glycol transport properties by caffeine – Thermodynamic and computational evidence. <i>Journal of Molecular Liquids</i> , 2021, 333, 115918.	2.3	4
126	Mineral composition and growth of tomato and cucumber affected by imidazolium-based ionic liquids. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 132-139.	2.8	4



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127	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
128	Viscosity of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 3365-3371.	1.0	3
129	Volumetric and viscosimetric properties of N-methyl-2-pyrrolidone with $\beta$ -butyrolactone and propylene carbonate. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 301-312.	1.0	3
130	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
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