

Milan B Vranes

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139
papers

1,476
citations

19
h-index

29
g-index

149
ext. papers

1,845
ext. citations

4.1
avg, IF

4.92
L-index

#	Paper	IF	Citations
139	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
138	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
137	New 4R(4-chlorophenyl)-2,2',6,6'-terpyridine ruthenium(II) complexes: Synthesis, characterization, interaction with DNA/BSA and cytotoxicity studies. <i>Journal of Inorganic Biochemistry</i> , 2017 , 169, 1-12	4.2	61
136	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide+butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2014 , 76, 161-171	2.9	56
135	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
134	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
133	Physicochemical properties of (1-butyl-1-methylpyrrolidinium dicyanamide + β -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 327-335	2.9	29
132	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide + β -butyrolactone} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 81, 66-76	2.9	29
131	The effect of the alkyl chain length on physicochemical features of (ionic liquids + β -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 99, 1-10	2.9	28
130	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
129	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, 1005-7	3	26
128	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
127	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
126	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
125	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
124	Effect of the alkyl chain length on the electrical conductivity of six (imidazolium-based ionic liquids + β -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 367-377	2.9	21
123	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

122	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
121	Self-assembling, reactivity and molecular dynamics of fullerene nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016 , 19, 135-144	3.6	19
120	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
119	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
118	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
117	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
116	A comprehensive study of {Ebutyrolactone + 1-methyl-3-propylimidazolium bis (trifluoromethylsulfonyl)imide} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 360-368	2.9	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	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	6.3	16
112	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
111	Physicochemical and structural properties of lidocaine-based ionic liquids with anti-inflammatory anions.. <i>RSC Advances</i> , 2020 , 10, 14089-14098	3.7	15
110	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	3.8	15
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] + Ebutyrolactone 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	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	5.1	12
105	DFT study of 1-butyl-3-methylimidazolium salicylate: a third-generation ionic liquid. <i>Journal of Molecular Modeling</i> , 2015 , 21, 246	2	12

104	Electrical and electrochemical behavior of [bmim][DCA] + β -butyrolactone electrolyte. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 293-299	2.9	12
103	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
102	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
101	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
100	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
99	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
98	Dietary guanidinoacetic acid increases brain creatine levels in healthy men. <i>Nutrition</i> , 2017 , 33, 149-156	4.8	11
97	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
96	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
95	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
94	Physicochemical features and toxicity of some vitamin based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017 , 247, 411-424	6	10
93	Synthesis, Anticancer Evaluation and Synergistic Effects with cisplatin of Novel Palladium Complexes: DNA, BSA Interactions and Molecular Docking Study. <i>Medicinal Chemistry</i> , 2020 , 16, 78-92	1.8	10
92	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with β -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 260-269	2.9	10
91	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
90	Electrical Conductivity and Density of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2914-2918	2.8	10
89	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
88	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
87	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	9

86	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
85	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
84	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
83	Correlation between lipophilicity of newly synthesized ionic liquids and selected genus growth rate.. <i>RSC Advances</i> , 2019 , 9, 19189-19196	3.7	8
82	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
81	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 ^{4.3}	4.3	8
80	Water-Tuned Tautomer-Selective Tandem Synthesis of the 5,6-Dihydropyrimidin-4(3H)-ones, Driven under the Umbrella of Sustainable Chemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 13358-13366 ^{8.3}	8.3	8
79	Thermophysical and electrochemical properties of 1-alkyl-3-butylimidazolium bromide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2019 , 139, 105871	2.9	8
78	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
77	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
76	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	3	7
75	Guanidinoacetic Acid and Creatine are Associated with Cardiometabolic Risk Factors in Healthy Men and Women: A Cross-Sectional Study. <i>Nutrients</i> , 2018 , 10,	6.7	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	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	5.1	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	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	3.8	7
69	Is choline kosmotrope or chaotrope?. <i>Journal of Chemical Thermodynamics</i> , 2018 , 124, 65-73	2.9	7

68	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
67	Uncommon structure making/breaking behaviour of cholinium taurate in water. <i>Journal of Chemical Thermodynamics</i> , 2017 , 107, 58-64	2.9	6
66	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
65	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
64	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
63	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
62	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
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	Biological activity of bis(pyrazolylpyridine) and terpyridine Os(II) complexes in the presence of biocompatible ionic liquids. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2749-2770	6.8	6
58	Interaction of D-panthenol with water molecules \square Experimental and computational study. <i>Journal of Chemical Thermodynamics</i> , 2018 , 118, 34-42	2.9	6
57	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. <i>Food Chemistry</i> , 2017 , 237, 53-57	8.5	5
56	New protic ionic liquids for fungi and bacteria removal from paper heritage artefacts.. <i>RSC Advances</i> , 2019 , 9, 17905-17912	3.7	5
55	New methylpyridinium ionic liquids \square Influence of the position of \square H ₃ group on physicochemical and structural properties. <i>Journal of Molecular Liquids</i> , 2019 , 283, 208-220	6	5
54	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
53	Computational modeling of ionic liquids density by multivariate chemometrics. <i>Journal of Molecular Liquids</i> , 2016 , 214, 276-282	6	5
52	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	4.8	5
51	Stability and Thermodynamics of Thermo-chromic Cobalt(II) Chloride Complexes in Low-Melting Phase Change Materials. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2000-2003	2.8	5

50	Towards edible ionic liquids - cholinium taurate. <i>Journal of the Serbian Chemical Society</i> , 2019 , 84, 991-1004	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	Ionic liquids as potentially new antifungal agents against species.. <i>RSC Advances</i> , 2020 , 10, 22318-22323	3.7 4
45	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
44	Insights into interactions between 1-butyl-3-methylimidazolium dicyanamide and molecular solvents: Valerolactone, Butyrolactone and propylene carbonate. Volumetric properties and MD simulations. <i>Journal of Molecular Liquids</i> , 2018 , 268, 481-489	6 4
43	Cobalt(II) Bromide association equilibria in ammonium nitrate dimethyl sulfoxide melts. II. Cobalt(II) bromide. <i>Journal of Molecular Liquids</i> , 2012 , 169, 117-123	6 4
42	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
41	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
40	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
39	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
38	Volumetric properties of ammonium nitrate in N-methylformamide. <i>Journal of Molecular Liquids</i> , 2014 , 193, 189-193	6 3
37	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
36	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
35	Synthesis, Characterization, Antioxidant Activity of α -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	1.8 3
34	Ionic Liquid-Derived Carbon-Supported Metal Electrocatalysts as Anodes in Direct Borohydride-Peroxide Fuel Cells. <i>Catalysts</i> , 2021 , 11, 632	4 3
33	Facile Monitoring of Water Hardness Levels Using Responsive Complex Emulsions. <i>Analytical Chemistry</i> , 2021 , 93, 9390-9396	7.8 3

32	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	2.9	3
31	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	1.2	3
30	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
29	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
28	Viscosity of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3365-3371	2.8	2
27	Transport properties of ammonium nitrate in N-methylformamide and N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , 2014 , 195, 99-104	6	2
26	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
25	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
24	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116353	6	2
23	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
22	Effects of Guanidinoacetic Acid Loading on Biomarkers of Cardiometabolic Risk and Inflammation. <i>Annals of Nutrition and Metabolism</i> , 2018 , 72, 18-20	4.5	1
21	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
20	Searching for a better formulation to enhance muscle bioenergetics: A randomized controlled trial of creatine nitrate plus creatinine creatine nitrate creatine monohydrate in healthy men. <i>Food Science and Nutrition</i> , 2019 , 7, 3766-3773	3.2	1
19	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids.. <i>International Journal of Pharmaceutics</i> , 2022 , 121510	6.5	1
18	Conductivity study with caffeinate anion - Caffeic acid and its sodium and potassium salts. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112219	6	1
17	Green one-pot synthesis of pyrido-dipyrimidine DNA-base hybrids in water. <i>Environmental Chemistry Letters</i> , 2021 , 19, 729-736	13.3	1
16	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
15	Electrostriction of water and lower alcohols around ammonium nitrate Volumetric approach. <i>Journal of Chemical Thermodynamics</i> , 2018 , 125, 56-63	2.9	1

14	Does Dietary Provision of Guanidinoacetic Acid Induce Global DNA Hypomethylation in Healthy Men and Women?. <i>Lifestyle Genomics</i> , 2018 , 11, 16-18	2	1
13	Improving ethylene glycol transport properties by caffeine □ Thermodynamic and computational evidence. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115918	6	1
12	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
11	Mineral composition and growth of tomato and cucumber affected by imidazolium-based ionic liquids. <i>Plant Physiology and Biochemistry</i> , 2021 , 167, 132-139	5.4	1
10	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
9	Synthesis and Characterization of Novel 2-Pyridine Mono(thio)carbohydrazones as Promising Antioxidant and Antimicrobial Agents. Experimental and Theoretical Approach. <i>Bulletin of the Chemical Society of Japan</i> , 2022 , 95, 185-194	5.1	0
8	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	3.4	0
7	Volumetric properties, conductivity and computation analysis of selected imidazolium chloride ionic liquids in ethylene glycol. <i>Journal of Molecular Liquids</i> , 2021 , 345, 118178	6	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	Serum creatine is not a reliable marker of muscular fitness in young adults. <i>Biomarkers</i> , 2018 , 23, 422-424.6		
3	Molecular docking and density functional theory studies on creatine, guanidinoacetic acid, and their phosphorylated analogues binding to muscle creatine kinase. <i>Journal of Chemical Research</i> , 174751982097858	0.6	
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	