Milan B VraneÅ¡

List of Publications by Year
in descending order

148	2,172	279701	360920
papers	citations	23 h-index	35 g-index

149	149	149	2154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Characterization, Antitumor Potential, BSA and DNA Binding Properties, and Molecular Docking Study of Some Novel 3-Hydroxy-3- Pyrrolin-2-Ones. Medicinal Chemistry, 2022, 18, 337-352.	0.7	7
2	Synthesis and Characterization of Novel 2-Pyridine Mono(thio)carbohydrazones as Promising Antioxidant and Antimicrobial Agents. Experimental and Theoretical Approach. Bulletin of the Chemical Society of Japan, 2022, 95, 185-194.	2.0	2
3	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids. International Journal of Pharmaceutics, 2022, 615, 121510.	2.6	8
4	Anticancer evaluation of the selected tetrahydropyrimidines: 3D-QSAR, cytotoxic activities, mechanism of action, DNA, and BSA interactions. Journal of Molecular Structure, 2022, 1257, 132621.	1.8	7
5	Volumetric Properties of Amino Alcohol-Based Protic Ionic Liquids: Influence of Counterions. Journal of Chemical & Engineering Data, 2022, 67, 956-965.	1.0	0
6	Influence of side-chain length on antifungal efficacy of N-alkyl nicotinamide-based compounds. Environmental Science and Pollution Research, 2022, 29, 71742-71751.	2.7	5
7	Synthesis and electrochemical properties of a nickel(II) thiacalix[4]arene-based electrocatalyst for the hydrogen evolution reaction. Journal of Chemical Research, 2022, 46, 174751982211091.	0.6	2
8	A new class of half-sandwich ruthenium complexes containing Biginelli hybrids: anticancer and anti-SARS-CoV-2 activities. Chemico-Biological Interactions, 2022, 363, 110025.	1.7	10
9	Green one-pot synthesis of pyrido-dipyrimidine DNA-base hybrids in water. Environmental Chemistry Letters, 2021, 19, 729-736.	8.3	5
10	Biological activity of bis(pyrazolylpyridine) and terpiridine Os(<scp>ii</scp>) complexes in the presence of biocompatible ionic liquids. Inorganic Chemistry Frontiers, 2021, 8, 2749-2770.	3.0	15
11	Electroanalytical performance of a Î²-cyclodextrin and ionic liquid modified carbon paste electrode for the determination of verapamil in urine and pharmaceutical formulation. Analytical Methods, 2021, 13, 2963-2973.	1.3	4
12	Influence of the carboxyl group on the physicochemical and hydration properties of the imidazolium-based ionic liquid. Journal of Molecular Liquids, 2021, 328, 115474.	2.3	0
13	From amino acids to dipeptide: The changes in thermal stability and hydration properties of Î²-alanine, L-histidine and L-carnosine. Journal of Molecular Liquids, 2021, 328, 115250.	2.3	8
14	Synthesis, Characterization, Antioxidant Activity of Î²-diketonates, and Effects of Coordination to Copper(II) Ion on their Activity: DNA, BSA Interactions and Molecular Docking Study. Medicinal Chemistry, 2021, 17, 519-532.	0.7	8
15	Ionic Liquid-Derived Carbon-Supported Metal Electrocatalysts as Anodes in Direct Borohydride-Peroxide Fuel Cells. Catalysts, 2021, 11, 632.	1.6	4
16	Scintillating and wavelength shifting effect investigation of 3-methylpiridinium salicylate and its application in LSC measurements. Applied Radiation and Isotopes, 2021, 172, 109697.	0.7	2
17	Improving ethylene glycol transport properties by caffeine â€“ Thermodynamic and computational evidence. Journal of Molecular Liquids, 2021, 333, 115918.	2.3	4
18	Facile Monitoring of Water Hardness Levels Using Responsive Complex Emulsions. Analytical Chemistry, 2021, 93, 9390-9396.	3.2	13

#	Article	IF	Citations
19	The study of interactions in aqueous solutions of 1-alkyl-3-(3-butenyl)imidazolium bromide ionic liquids. Journal of Chemical Thermodynamics, 2021, 159, 106479.	1.0	6
20	Ionic Liquids: Review of their Current and Future Industrial Applications and their Potential Environmental Impact. Recent Patents on Nanotechnology, 2021, 15, 225-244.	0.7	8
21	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. Journal of Molecular Liquids, 2021, 337, 116353.	2.3	8
22	The nature of ions organisation in aqueous solutions of ionic liquids based on local anaesthetic drugs and salicylic acid. Journal of Molecular Liquids, 2021, 338, 116673.	2.3	5
23	Mineral composition and growth of tomato and cucumber affected by imidazolium-based ionic liquids. Plant Physiology and Biochemistry, 2021, 167, 132-139.	2.8	4
24	Influence of structural changes of cation and anion on phytotoxicity of selected surface active ionic liquids. Journal of Molecular Liquids, 2021, 342, 117458.	2.3	1
25	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
26	Molecular docking and density functional theory studies on creatine, guanidinoacetic acid, and their phosphorylated analogues binding to muscle creatine kinase. Journal of Chemical Research, 2021, 45, 467-475.	0.6	1
27	Thermo-Analytical and Compatibility Study with Mechanistic Explanation of Degradation Kinetics of Ambroxol Hydrochloride Tablets under Non-Isothermal Conditions. Pharmaceutics, 2021, 13, 1910.	2.0	6
28	Volumetric properties, conductivity and computation analysis of selected imidazolium chloride ionic liquids in ethylene glycol. Journal of Molecular Liquids, 2021, 345, 118178.	2.3	9
29	Influence of oxygen functionalization on physico-chemical properties of imidazolium based ionic liquids â€“ Experimental and computational study. Arabian Journal of Chemistry, 2020, 13, 1598-1611.	2.3	11
30	Correlation between biomarkers of creatine metabolism and serum indicators of peripheral muscle fatigue during exhaustive exercise in active men. Research in Sports Medicine, 2020, 28, 147-154.	0.7	15
31	210Pb/210bi detection in waters by cherenkov counting â€“ perspectives and new possibilities. Radiation Physics and Chemistry, 2020, 166, 108474.	1.4	6
32	Protic ionic liquids as adjuvants to enhance extraction and separation performance of diverse polarity compounds in PEG-salt based aqueous biphasic system. Journal of Molecular Liquids, 2020, 303, 112484.	2.3	15
33	Volumetric properties, viscosity and taste behavior of MDMA-HCl in aqueous binary and (water +) Tj ETQq1 1 0.784314 rgBT /Overloc 106027.	1.0	0
34	Thermodynamic and computational study of isomerism effect at micellization of imidazolium based surface-active ionic liquids: Counterion structure. Journal of Molecular Liquids, 2020, 301, 112419.	2.3	16
35	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
36	Conductivity study with caffeinate anion - Caffeic acid and its sodium and potassium salts. Journal of Molecular Liquids, 2020, 300, 112219.	2.3	1

#	Article	IF	Citations
37	How the presence of ATP affect caffeine hydration and self-aggregation?. Journal of Molecular Liquids, 2020, 318, 113885.	2.3	10
38	Ionic liquids as potentially new antifungal agents against Alternaria species. RSC Advances, 2020, 10, 22318-22323.	1.7	8
39	Valorization of Expired Energy Drinks by Designed and Integrated Ionic Liquid-Based Aqueous Biphasic Systems. ACS Sustainable Chemistry and Engineering, 2020, 8, 5683-5692.	3.2	12
40	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
41	Synthesis, Anticancer Evaluation and Synergistic Effects with cisplatin of Novel Palladium Complexes: DNA, BSA Interactions and Molecular Docking Study. Medicinal Chemistry, 2020, 16, 78-92.	0.7	20
42	The effect of polar head group of dodecyl surfactants on the growth of wheat and cucumber. Chemosphere, 2020, 254, 126918.	4.2	8
43	Physicochemical and structural properties of lidocaine-based ionic liquids with anti-inflammatory anions. RSC Advances, 2020, 10, 14089-14098.	1.7	31
44	Anticancer and antimicrobial properties of imidazolium based ionic liquids with salicylate anion. Journal of the Serbian Chemical Society, 2020, 85, 291-303.	0.4	13
45	Comparison between the effects of continuous and intermittent aerobic exercise on biomarkers of creatine metabolism and oxidative-antioxidant balance in female athletes. Gazzetta Medica Italiana Archivio Per Le Scienze Mediche, 2020, 179, .	0.0	0
46	Guanidinoacetic acid with creatine compared with creatine alone for tissue creatine content, hyperhomocysteinemia, and exercise performance: A randomized, double-blind superiority trial. Nutrition, 2019, 57, 162-166.	1.1	9
47	The organisation of water around creatine and creatinine molecules. Journal of Chemical Thermodynamics, 2019, 128, 103-109.	1.0	9
48	Thermophysical and electrochemical properties of 1â€“alkylâ€“3â€“(3â€“butenyl)imidazolium bromide ionic liquids. Journal of Chemical Thermodynamics, 2019, 139, 105871.	1.0	15
49	Electrochemical study of anatase TiO2 nanotube array electrode in electrolyte based on 1,3-diethylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid. Ionics, 2019, 25, 5501-5513.	1.2	4
50	Spectrophotometric Investigation of Cobalt Chloride Complex Formation in Aqueous Calcium Nitrateâ€“Ammonium Nitrate Melts at Tâ€‰=â€‰328.15ÂK: Influence of Water Content. Journal of Solution Chemistry, 2019, 48, 1364-1377.	0.6	2
51	Searching for a better formulation to enhance muscle bioenergetics: A randomized controlled trial of creatine nitrate plus creatininevs.creatine nitratevs.creatine monohydrate in healthy men. Food Science and Nutrition, 2019, 7, 3766-3773.	1.5	7
52	Correlation between lipophilicity of newly synthesized ionic liquids and selected Fusarium genus growth rate. RSC Advances, 2019, 9, 19189-19196.	1.7	11
53	New protic ionic liquids for fungi and bacteria removal from paper heritage artefacts. RSC Advances, 2019, 9, 17905-17912.	1.7	10
54	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

#	Article	IF	Citations
55	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. Bioorganic Chemistry, 2019, 88, 102954.	2.0	20
56	Improved single-step extraction performance of aqueous biphasic systems using novel symmetric ionic liquids for the decolorisation of toxic dye effluents. Journal of Industrial and Engineering Chemistry, 2019, 76, 500-507.	2.9	28
57	Interactions of transition metal ions with N-methylformamide as a peptide bond model system. Journal of Molecular Liquids, 2019, 284, 405-414.	2.3	0
58	New methylpyridinium ionic liquids â€“ Influence of the position of â€“CH3 group on physicochemical and structural properties. Journal of Molecular Liquids, 2019, 283, 208-220.	2.3	5
59	Thermochromic behaviour and thermodynamics of cobalt(II) chloride complexes in ammonium nitrateâ€¯+â€¯N-methylformamide mixture. Journal of Molecular Liquids, 2019, 282, 264-274.	2.3	4
60	New Liquid Components in Formulation of Food Supplements. , 2019, , 1-7.		0
61	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. Bioorganic Chemistry, 2019, 86, 569-582.	2.0	18
62	What is the taste of vitamin-based ionic liquids?. Journal of Molecular Liquids, 2019, 276, 902-909.	2.3	12
63	Aggregation properties and toxicity of newly synthesized thiazolium based surfactants â€“ Thermodynamic and computational study. Journal of Chemical Thermodynamics, 2019, 131, 599-612.	1.0	11
64	Physicochemical characterization of choline based ionic liquids with chelating anions. Journal of Chemical Thermodynamics, 2019, 131, 80-87.	1.0	11
65	Towards edible ionic liquids - cholinium taurate. Journal of the Serbian Chemical Society, 2019, 84, 991-1004.	0.4	7
66	Biological evaluation of selected 3,4â€dihydroâ€2(1H)â€quinoxalinones and 3,4â€dihydroâ€1,4â€benzoxazinâ€2â€ones: Molecular docking study. Archiv Der Pharmazie, 2018, 351, e1700308.	2.1	13
67	Serum creatine is not a reliable marker of muscular fitness in young adults. Biomarkers, 2018, 23, 422-424.	0.9	0
68	Influence of the alkyl chain length on densities and volumetric properties of 1,3-dialkylimidazolium bromide ionic liquids and their aqueous solutions. Journal of Chemical Thermodynamics, 2018, 121, 72-78.	1.0	17
69	Effects of Guanidinoacetic Acid Loading on Biomarkers of Cardiometabolic Risk and Inflammation. Annals of Nutrition and Metabolism, 2018, 72, 18-20.	1.0	4
70	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
71	A systematic study on physicochemical and transport properties of imidazolium-based ionic liquids with Î³-butyrolactone. Journal of Chemical Thermodynamics, 2018, 116, 330-340.	1.0	11
72	The effect of imidazolium based ionic liquids on wheat and barley germination and growth: Influence of length and oxygen functionalization of alkyl side chain. Ecotoxicology and Environmental Safety, 2018, 147, 401-406.	2.9	35

#	Article	IF	Citations
73	New sample preparation method based on task-specific ionic liquids for extraction and determination of copper in urine and wastewater. Analytical and Bioanalytical Chemistry, 2018, 410, 155-166.	1.9	17
74	Interaction of D-panthenol with water molecules â€“ Experimental and computational study. Journal of Chemical Thermodynamics, 2018, 118, 34-42.	1.0	7
75	The solvation properties and effect of<scp>d</scp>-fructose on the taste behavior ofCitrus aurantiumactive components in aqueous solutions. Food and Function, 2018, 9, 5569-5579.	2.1	7
76	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. Organometallics, 2018, 37, 4250-4266.	1.1	24
77	Evaluation of the impact of different alkyl length and type of substituent in imidazolium ionic liquids on cucumber germination, growth and oxidative stress. Environmental Science and Pollution Research, 2018, 25, 35594-35601.	2.7	16
78	The Impact of Bromide-based Ionic Liquids on Alkaline Water Electrolysis. ECS Transactions, 2018, 86, 711-717.	0.3	1
79	Effect of cationic structure of surface active ionic liquids on their micellization: A thermodynamic study. Journal of Molecular Liquids, 2018, 271, 437-442.	2.3	34
80	Electrostriction of water and lower alcohols around ammonium nitrate â€“ Volumetric approach. Journal of Chemical Thermodynamics, 2018, 125, 56-63.	1.0	1
81	Does Dietary Provision of Guanidinoacetic Acid Induce Global DNA Hypomethylation in Healthy Men and Women?. Lifestyle Genomics, 2018, 11, 16-18.	0.6	2
82	Is choline kosmotrope or chaotrope?. Journal of Chemical Thermodynamics, 2018, 124, 65-73.	1.0	13
83	Influence of the N-3 alkyl chain length on improving inhibition properties of imidazolium-based ionic liquids on copper corrosion. Journal of Molecular Liquids, 2018, 264, 526-533.	2.3	57
84	Insights into interactions between 1-butyl-3-methylimidazolium dicyanamide and molecular solvents: Î³-valerolactone, Î³-butyrolactone and propylene carbonate. Volumetric properties and MD simulations. Journal of Molecular Liquids, 2018, 268, 481-489.	2.3	7
85	Guanidinoacetic Acid and Creatine are Associated with Cardiometabolic Risk Factors in Healthy Men and Women: A Cross-Sectional Study. Nutrients, 2018, 10, 87.	1.7	11
86	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
87	Water-Tuned Tautomer-Selective Tandem Synthesis of the 5,6-Dihydropyrimidin-4(3H)-ones, Driven under the Umbrella of Sustainable Chemistry. ACS Sustainable Chemistry and Engineering, 2018, 6, 13358-13366.	3.2	16
88	Dietary guanidinoacetic acid increases brain creatine levels in healthy men. Nutrition, 2017, 33, 149-156.	1.1	19
89	Self-assembling, reactivity and molecular dynamics of fullerenol nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 135-144.	1.3	25
90	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. Food Chemistry, 2017, 237, 53-57.	4.2	6

#	Article	IF	Citations
91	Investigation of 1,2,3-trialkylimidazolium ionic liquids: experiment and density functional theory calculations. New Journal of Chemistry, 2017, 41, 650-660.	1.4	12
92	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
93	Uncommon structure making/breaking behaviour of cholinium taurate in water. Journal of Chemical Thermodynamics, 2017, 107, 58-64.	1.0	12
94	A comparative study on the interactions of [bmim][NTf2] ionic liquid with selected four- to seven-membered-ring lactones. Journal of Chemical Thermodynamics, 2017, 107, 170-181.	1.0	9
95	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
96	Physicochemical features and toxicity of some vitamin based ionic liquids. Journal of Molecular Liquids, 2017, 247, 411-424.	2.3	22
97	Simultaneous extraction of pesticides of different polarity applying aqueous biphasic systems based on ionic liquids. Journal of Molecular Liquids, 2017, 243, 646-653.	2.3	25
98	Electrical, electrochemical and thermal properties of the ionic liquid + lactone binary mixtures as the potential electrolytes for lithium-ion batteries. Journal of Molecular Liquids, 2017, 243, 52-60.	2.3	16
99	New 4â€²-(4-chlorophenyl)-2,2â€²:6â€²,2â€³-terpyridine ruthenium(II) complexes: Synthesis, characterization, interaction with DNA/BSA and cytotoxicity studies. Journal of Inorganic Biochemistry, 2017, 169, 1-12.	1.5	77
100	Electrochemical Performance of Anatase TiO‹sub›2‹/sub›Nanotube Arrays Electrode in Ionic Liquid Based Electrolyte for Lithium Ion Batteries. Journal of the Electrochemical Society, 2017, 164, H5100-H5107.	1.3	15
101	Aqueous biphasic system formation using 1-alkyl-3-ethylimidazolium bromide ionic liquids as new extractants. Journal of Industrial and Engineering Chemistry, 2016, 40, 152-160.	2.9	23
102	The effect of the alkyl chain length on physicochemical features of (ionic liquids +Î³-butyrolactone) binary mixtures. Journal of Chemical Thermodynamics, 2016, 99, 1-10.	1.0	38
103	Advanced oxidation processes for the removal of [bmim][Sal] third generation ionic liquids: effect of water matrices and intermediates identification. RSC Advances, 2016, 6, 52826-52837.	1.7	19
104	Toxicity reduction of imidazolium-based ionic liquids by the oxygenation of the alkyl substituent. RSC Advances, 2016, 6, 96289-96295.	1.7	31
105	Determination of reactive properties of 1-butyl-3-methylimidazolium taurate ionic liquid employing DFT calculations. Journal of Molecular Liquids, 2016, 222, 796-803.	2.3	22
106	Effect of the alkyl chain length on the electrical conductivity of six (imidazolium-based ionic liquids) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	31
107	A single session of exhaustive exercise markedly decreases circulating levels of guanidinoacetic acid in healthy men and women. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1100-1103.	0.9	12
108	Electrical and electrochemical behavior of [bmim][DCA] + Î³-butyrolactone electrolyte. Journal of Chemical Thermodynamics, 2016, 101, 293-299.	1.0	14

#	Article	IF	Citations
109	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with Î³-butyrolactone. Journal of Chemical Thermodynamics, 2016, 101, 260-269.	1.0	16
110	Guanidinoacetic acid versus creatine for improved brain and muscle creatine levels: a superiority pilot trial in healthy men. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1005-1007.	0.9	34
111	How to rank and discriminate artificial neural networks? Case study: prediction of anticancer activity of 17-picolyl and 17-picolinylidene androstane derivatives. Journal of the Iranian Chemical Society, 2016, 13, 499-507.	1.2	9
112	Volumetric and viscosimetric properties of [bmim][DCA] + Î³-butyrolactone binary mixtures. Journal of Chemical Thermodynamics, 2016, 97, 307-314.	1.0	15
113	Computational modeling of ionic liquids density by multivariate chemometrics. Journal of Molecular Liquids, 2016, 214, 276-282.	2.3	7
114	Liquidâ€“Liquid Equilibria in Aqueous 1-Alkyl-3-methylimidazolium- and 1-Butyl-3-ethylimidazolium-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2016, 61, 549-555.	1.0	30
115	Structure making properties of 1-(2-hydroxylethyl)-3-methylimidazolium chloride ionic liquid. Journal of Chemical Thermodynamics, 2016, 95, 174-179.	1.0	30
116	Structuring of water in the new generation ionic liquid â€“ Comparative experimental and theoretical study. Journal of Chemical Thermodynamics, 2016, 93, 164-171.	1.0	42
117	Kosmotropism of newly synthesized 1-butyl-3-methylimidazolium taurate ionic liquid: Experimental and computational study. Journal of Chemical Thermodynamics, 2016, 94, 85-95.	1.0	16
118	Does the variation of the alkyl chain length on N1 and N3 of imidazole ring affect physicochemical features of ionic liquids in the same way?. Journal of Chemical Thermodynamics, 2016, 93, 52-59.	1.0	24
119	Multivariate Chemometrics with Regression and Classification Analyses in Heroin Profiling Based on the Chromatographic Data. Iranian Journal of Pharmaceutical Research, 2016, 15, 725-734.	0.3	3
120	A comprehensive study of {Î³-butyrolactone + 1-methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide} binary mixtures. Journal of Chemical Thermodynamics, 2015, 91, 360-368.	1.0	20
121	Physicochemical properties of (1-butyl-1-methylpyrrolydinium dicyanamide + Î³-butyrolactone) binary mixtures. Journal of Chemical Thermodynamics, 2015, 91, 327-335.	1.0	38
122	Volumetric and viscosimetric properties of N-methyl-2-pyrrolidone with Î³-butyrolactone and propylene carbonate. Journal of Chemical Thermodynamics, 2015, 91, 301-312.	1.0	3
123	DFT study of 1-butyl-3-methylimidazolium salicylate: a third-generation ionic liquid. Journal of Molecular Modeling, 2015, 21, 246.	0.8	16
124	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolydinium bis(trifluoromethylsulfonyl)imide + Î³-butyrolactone} binary mixtures. Journal of Chemical Thermodynamics, 2015, 81, 66-76.	1.0	36
125	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. Australian Journal of Forensic Sciences, 2014, 46, 166-179.	0.7	13
126	Density, electrical conductivity, viscosity and excess properties of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide + propylene carbonate binary mixtures. Journal of Chemical Thermodynamics, 2014, 68, 98-108.	1.0	102

#	Article	IF	Citations
127	Transport properties of ammonium nitrate in N-methylformamide and N,N-dimethylformamide. Journal of Molecular Liquids, 2014, 195, 99-104.	2.3	2
128	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide + Î³-butyrolactone binary mixtures. Journal of Chemical Thermodynamics, 2014, 76, 161-171.	1.0	67
129	Volumetric properties of ammonium nitrate in N-methylformamide. Journal of Molecular Liquids, 2014, 193, 189-193.	2.3	6
130	Viscosity of Ammonium Nitrate + Formamide Mixtures. Journal of Chemical & Engineering Data, 2014, 59, 3365-3371.	1.0	3
131	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. Journal of Chemical & Engineering Data, 2014, 59, 3372-3379.	1.0	23
132	Thermochromism, stability and thermodynamics of cobalt(<scp>ii</scp>) complexes in newly synthesized nitrate based ionic liquid and its photostability. Dalton Transactions, 2014, 43, 15515-15525.	1.6	36
133	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. Journal of Chemical & Engineering Data, 2014, 59, 1225-1231.	1.0	16
134	Volumetric Properties of Binary Mixtures of N-Ethylformamide with Tetrahydropyran, 2-Pentanone, and Propylacetate from (293.15 to 313.15) K. Journal of Chemical & Engineering Data, 2013, 58, 1070-1077.	1.0	13
135	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. Journal of Chemical & Engineering Data, 2013, 58, 1092-1102.	1.0	25
136	Volumetric properties of ammonium nitrate in N,N-dimethylformamide. Journal of Chemical Thermodynamics, 2012, 54, 245-249.	1.0	13
137	Physicochemical Characterization of 1-Butyl-3-methylimidazolium and 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)imide. Journal of Chemical & Engineering Data, 2012, 57, 1072-1077.	1.0	122
138	Thermochromic cobalt(II) chloro-complexes in different media: Possible application for auto-regulated solar protection. Solar Energy Materials and Solar Cells, 2012, 105, 309-316.	3.0	11
139	Cobalt(II)â€“halide association equilibria in ammonium nitrateâ€“dimethyl sulfoxide melts. II. Cobalt(II) bromide. Journal of Molecular Liquids, 2012, 169, 117-123.	2.3	4
140	Volumetric properties of binary mixtures of N-ethylformamide with tetrahydrofuran, 2-butanone, and ethylacetate from T= (293.15 to 313.15) K. Journal of Chemical Thermodynamics, 2012, 51, 37-44.	1.0	17
141	Electrical Conductivity and Density of Ammonium Nitrate + Formamide Mixtures. Journal of Chemical & Engineering Data, 2011, 56, 2914-2918.	1.0	10
142	Thermochromic behaviour and cobalt(II) bromide complex equilibrium in low temperature melting acetamideâ€“ammonium nitrateâ€“water mixtures. Journal of Molecular Liquids, 2011, 159, 157-160.	2.3	5
143	Absorption spectra of cobalt(II) chloride and nitrate complexes in aqueous calcium nitrateâ€“ammonium nitrate melts: The influence of solvent composition. Journal of Molecular Liquids, 2010, 152, 34-38.	2.3	15
144	Cobalt(II)â€“halide association equilibria in ammonium nitrateâ€“dimethyl sulfoxide melts. Journal of Molecular Liquids, 2010, 154, 82-87.	2.3	7

#	Article	IF	Citations
145	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
146	Electrical Conductivity and Phase Transitions of Calcium Nitrate + Ammonium Nitrate + Water Mixtures. Journal of Chemical & Engineering Data, 2010, 55, 1990-1993.	1.0	3
147	Cobalt halide complex formation in aqueous calcium nitrateâ€“ammonium nitrate melts. II. Cobalt(II) bromide. Journal of Molecular Liquids, 2009, 145, 14-18.	2.3	10
148	Cobalt halide complex formation in aqueous calcium nitrateâ€“ammonium nitrate melts. I. Cobalt(II) chlorides. Journal of Molecular Liquids, 2007, 135, 135-140.	2.3	16