

Slobodan B Gadzuric

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6293329/slobodan-b-gadzuric-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

1,511
citations

19
h-index

28
g-index

147
ext. papers

1,797
ext. citations

3.9
avg, IF

4.88
L-index

#	Paper	IF	Citations
142	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids.. <i>International Journal of Pharmaceutics</i> , 2022 , 121510	6.5	1
141	The analysis of chromatographic behavior of homoandrostane derivatives in reversed-phase ultra-high performance liquid chromatography. <i>Acta Periodica Technologica</i> , 2021 , 147-158	0.8	
140	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	
139	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
138	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
137	Experimental and Computational Evaluation of Extraction Procedure and Scavenging Capacity of Sweet Basil Extracts (<i>Ocimum basilicum</i> L.). <i>Plant Foods for Human Nutrition</i> , 2021 , 76, 240-247	3.9	4
136	Rapid Determination of the Primary Alkaloids in Illicit Heroin by High-Performance Liquid Chromatography with Tandem Mass Spectrometry (HPLC/MS/MS). <i>Analytical Letters</i> , 2021 , 54, 1224-1232 ^{2.2}		2
135	A comprehensive study of parameters correlated with honey health benefits.. <i>RSC Advances</i> , 2021 , 11, 12434-12441	3.7	2
134	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
133	Evaluation of pattern recognition techniques for the attribution of cultural heritage objects based on the qualitative XRF data. <i>Microchemical Journal</i> , 2021 , 167, 106267	4.8	5
132	Cation isomerism effect on micellization of pyridinium based surface-active ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116353	6	2
131	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
130	Analysis of functional ingredients and composition of <i>Ocimum basilicum</i> . <i>South African Journal of Botany</i> , 2021 , 141, 227-234	2.9	5
129	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
128	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
127	Ionic liquids as potentially new antifungal agents against species.. <i>RSC Advances</i> , 2020 , 10, 22318-22323	3.7	4
126	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

125	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
124	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
123	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
122	Aqueous biphasic systems comprising copolymers and cholinium-based salts or ionic liquids: Insights on the mechanisms responsible for their creation. <i>Separation and Purification Technology</i> , 2020 , 248, 117050	8.3	5
121	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
120	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	
119	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
118	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
117	Conductivity study with caffeinate anion - Caffeic acid and its sodium and potassium salts. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112219	6	1
116	How the presence of ATP affect caffeine hydration and self-aggregation?. <i>Journal of Molecular Liquids</i> , 2020 , 318, 113885	6	5
115	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
114	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
113	Physicochemical and structural properties of lidocaine-based ionic liquids with anti-inflammatory anions.. <i>RSC Advances</i> , 2020 , 10, 14089-14098	3.7	15
112	Correlation between lipophilicity of newly synthesized ionic liquids and selected genus growth rate.. <i>RSC Advances</i> , 2019 , 9, 19189-19196	3.7	8
111	New protic ionic liquids for fungi and bacteria removal from paper heritage artefacts.. <i>RSC Advances</i> , 2019 , 9, 17905-17912	3.7	5
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	8.3	6
109	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
108	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	

107	New methylpyridinium ionic liquids – Influence of the position of CH ₃ group on physicochemical and structural properties. <i>Journal of Molecular Liquids</i> , 2019 , 283, 208-220	6	5
106	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
105	The organisation of water around creatine and creatinine molecules. <i>Journal of Chemical Thermodynamics</i> , 2019 , 128, 103-109	2.9	7
104	Thermophysical and electrochemical properties of 1-alkyl-3-(n-butyl)imidazolium bromide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2019 , 139, 105871	2.9	8
103	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
102	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
101	Towards edible ionic liquids - cholinium taurate. <i>Journal of the Serbian Chemical Society</i> , 2019 , 84, 991-1004	10.4	5
100	What is the taste of vitamin-based ionic liquids?. <i>Journal of Molecular Liquids</i> , 2019 , 276, 902-909	6	6
99	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
98	Physicochemical characterization of choline based ionic liquids with chelating anions. <i>Journal of Chemical Thermodynamics</i> , 2019 , 131, 80-87	2.9	5
97	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
96	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
95	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
94	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
93	Insights into interactions between 1-butyl-3-methylimidazolium dicyanamide and molecular solvents: γ -valerolactone, γ -butyrolactone and propylene carbonate. Volumetric properties and MD simulations. <i>Journal of Molecular Liquids</i> , 2018 , 268, 481-489	6	4
92	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
91	Analysis of operating variables for Yerba mate leaves supercritical carbon dioxide extraction. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018 , 24, 231-238	0.7	3
90	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

89	Interaction of D-panthenol with water molecules [Experimental and computational study. <i>Journal of Chemical Thermodynamics</i> , 2018 , 118, 34-42	2.9	6
88	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
87	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
86	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
85	Electrostriction of water and lower alcohols around ammonium nitrate [Volumetric approach. <i>Journal of Chemical Thermodynamics</i> , 2018 , 125, 56-63	2.9	1
84	Is choline kosmotrope or chaotrope?. <i>Journal of Chemical Thermodynamics</i> , 2018 , 124, 65-73	2.9	7
83	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
82	Competition between Cation-Solvent and Cation-Anion Interactions in Imidazolium Ionic Liquids with Polar Aprotic Solvents. <i>ChemPhysChem</i> , 2017 , 18, 718-721	3.2	17
81	Experimental and chemometric study of antioxidant capacity of basil (<i>Ocimum basilicum</i>) extracts. <i>Industrial Crops and Products</i> , 2017 , 100, 176-182	5.9	23
80	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. <i>Food Chemistry</i> , 2017 , 237, 53-57	8.5	5
79	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
78	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
77	Uncommon structure making/breaking behaviour of cholinium taurate in water. <i>Journal of Chemical Thermodynamics</i> , 2017 , 107, 58-64	2.9	6
76	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
75	Physicochemical and electrochemical characterisation of imidazolium based IL + GBL mixtures as electrolytes for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 28139-28152	3.6	7
74	Physicochemical features and toxicity of some vitamin based ionic liquids. <i>Journal of Molecular Liquids</i> , 2017 , 247, 411-424	6	10
73	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
72	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

71	Determination of Carbendazim by an Ionic Liquid-Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2017 , 50, 1075-1090	2.2	12
70	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
69	Self-assembling, reactivity and molecular dynamics of fullerene nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016 , 19, 135-144	3.6	19
68	Effect of the alkyl chain length on the electrical conductivity of six (imidazolium-based ionic liquids + γ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 367-377	2.9	21
67	Electrical and electrochemical behavior of [bmim][DCA] + γ -butyrolactone electrolyte. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 293-299	2.9	12
66	Interactions of 1,2,3-trialkylimidazolium-based ionic liquids with γ -butyrolactone. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 260-269	2.9	10
65	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	2	9
64	Volumetric and viscosimetric properties of [bmim][DCA] + γ -butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 307-314	2.9	13
63	Computational modeling of ionic liquids density by multivariate chemometrics. <i>Journal of Molecular Liquids</i> , 2016 , 214, 276-282	6	5
62	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
61	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
60	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
59	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
58	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
57	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
56	The effect of the alkyl chain length on physicochemical features of (ionic liquids + γ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 99, 1-10	2.9	28
55	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
54	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

53	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
52	Physicochemical properties of (1-butyl-1-methylpyrrolidinium dicyanamide + γ -butyrolactone) binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 327-335	2.9	29
51	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
50	DFT study of 1-butyl-3-methylimidazolium salicylate: a third-generation ionic liquid. <i>Journal of Molecular Modeling</i> , 2015 , 21, 246	2	12
49	Ideal and non-ideal behaviour of {1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide + γ -butyrolactone} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 81, 66-76	2.9	29
48	A comprehensive study of { γ -butyrolactone + 1-methyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide} binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2015 , 91, 360-368	2.9	17
47	Onosma aucheriana: A source of biologically active molecules for novel food ingredients and pharmaceuticals. <i>Journal of Functional Foods</i> , 2015 , 19, 479-486	5.1	26
46	Density, excess properties, electrical conductivity and viscosity of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide+ γ -butyrolactone binary mixtures. <i>Journal of Chemical Thermodynamics</i> , 2014 , 76, 161-171	2.9	56
45	Volumetric properties of ammonium nitrate in N-methylformamide. <i>Journal of Molecular Liquids</i> , 2014 , 193, 189-193	6	3
44	Viscosity of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3365-3371	2.8	2
43	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
42	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
41	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
40	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
39	Compound formation in lanthanide-alkali metal halide systems. <i>Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy</i> , 2014 , 123, 35-42		2
38	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
37	Transport properties of ammonium nitrate in N-methylformamide and N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , 2014 , 195, 99-104	6	2
36	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

35	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
34	Cobalt(II) halide association equilibria in ammonium nitrate-dimethyl sulfoxide melts. II. Cobalt(II) bromide. <i>Journal of Molecular Liquids</i> , 2012 , 169, 117-123	6	4
33	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
32	Volumetric properties of ammonium nitrate in N,N-dimethylformamide. <i>Journal of Chemical Thermodynamics</i> , 2012 , 54, 245-249	2.9	13
31	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
30	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
29	Electrical Conductivity and Density of Ammonium Nitrate + Formamide Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2914-2918	2.8	10
28	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
27	Prediction of the inhibitory activity of benzimidazole derivatives against Bacillus spp.. <i>Acta Periodica Technologica</i> , 2011 , 251-261	0.8	2
26	Stability and Thermodynamics of Thermochromic Cobalt(II) Chloride Complexes in Low-Melting Phase Change Materials. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2000-2003	2.8	5
25	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
24	Review of the thermodynamic and transport properties of EuBr ₂ -Br binary system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 101, 455-461	4.1	0
23	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
22	Cobalt(II) halide association equilibria in ammonium nitrate-dimethyl sulfoxide melts. <i>Journal of Molecular Liquids</i> , 2010 , 154, 82-87	6	7
21	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
20	Multivariate Analysis for Chemistry-Property Relationships in Molten Salts. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 467-476	1.4	1
19	Physicochemical properties of the EuBr ₂ -Br binary system. <i>Journal of Alloys and Compounds</i> , 2008 , 450, 157-161	5.7	6
18	Thermal and conductometric studies of the CeBr ₃ -MBr binary systems (M=Li, Na). <i>Journal of Alloys and Compounds</i> , 2008 , 450, 162-166	5.7	19

17	Phase diagram and electrical conductivity of the CeBr ₃ -RbBr binary system. <i>Journal of Alloys and Compounds</i> , 2008 , 450, 175-180	5-7	13
16	Thermodynamic investigation of the KBr-LiBr system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2008 , 32, 43-48	1-9	7
15	Thermodynamic Functions of Definite Compounds Formed in EuBr ₂ -MBr Binary Systems (M = K, Rb). <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1266-1270	2-8	3
14	Electrical conductivity of the molten EuBr ₂ -MBr binary mixtures (M=Li, Na, K, Rb, or Cs). <i>Journal of Molecular Liquids</i> , 2008 , 140, 78-83	6	5
13	Phase Diagram and Electrical Conductivity of CeBr ₃ -KBr. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2007 , 62, 197-204	1-4	13
12	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
11	Extracting information from the molten salt database. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2006 , 37, 3411-3414	2-3	17
10	Phase diagram and electrical conductivity of EuBr ₂ -LiBr binary system. <i>Journal of Alloys and Compounds</i> , 2005 , 397, 63-67	5-7	8
9	Metal Complex Formation in Melts of Acetamide-Ammonium Nitrate-Water Mixtures, Part I. Cobalt(II) Chloride Complexes. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2005 , 60, 201-206	1-4	13
8	Thermodynamic and structural properties of high temperature solid and liquid EuBr ₂ . <i>Journal of Nuclear Materials</i> , 2005 , 344, 115-119	3-3	8
7	Phase diagram and electrical conductivity of the EuBr ₂ -NaBr binary system. <i>Journal of Nuclear Materials</i> , 2005 , 344, 120-123	3-3	9
6	Electronic Spectra and Stability of Cobalt Halide Complexes in Molten Calcium Nitrate Tetrahydrate. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004 , 59, 602-608	1-4	14
5	Electrical Conductivity of Molten Binary NdBr ₃ -Alkali Bromide Mixtures. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004 , 59, 77-83	1-4	14
4	Heat Capacity and Thermodynamic Properties of LaBr ₃ at 300 ± 100 K. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2004 , 59, 825-828	1-4	2
3	Thermodynamics of Lead(II) Halide Complex Formation in Calcium Nitrate Tetrahydrate -Acetamide Melts. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2001 , 56, 832-836	1-4	2
2	Thermodynamics of cadmium halide complex formation in acetamide -calcium nitrate tetrahydrate melt. <i>Journal of Molecular Liquids</i> , 1999 , 83, 75-82	6	4
1	Materials Informatics for Molten Salts Chemistry	355-366	