

Il'naz T Rakipov

List of Publications by Year in descending order

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38
papers

392
citations

758635

12
h-index

839053

18
g-index

38
all docs

38
docs citations

38
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermolecular interactions between imidazolium- and cholinium-based ionic liquids and lysozyme: Regularities and peculiarities. <i>Journal of Molecular Liquids</i> , 2022, 348, 118426.	2.3	11
2	FTIR spectral study of intermolecular interactions of C=O groups of amides in solution. <i>Journal of Molecular Liquids</i> , 2022, 354, 118838.	2.3	9
3	Thermochemistry of hydrogen bonding of ethers with aliphatic alcohols. <i>Thermochimica Acta</i> , 2022, 711, 179203.	1.2	1
4	A cytostatic drug from the class of triazine derivatives: Its properties in aqueous solutions, cytotoxicity, and therapeutic activity. <i>Journal of Molecular Liquids</i> , 2022, 356, 119043.	2.3	5
5	Group additive approach for heterocyclic aromatic solutes in [BMIM][BF ₄]. <i>Journal of Molecular Liquids</i> , 2021, 321, 114746.	2.3	2
6	Thermochemistry of Solution, Solvation and Hydrogen Bonding of Chloroform in Linear and Cyclic Ethers. <i>Journal of Solution Chemistry</i> , 2021, 50, 290-298.	0.6	3
7	Thermochemistry of Solution, Solvation, and Hydrogen Bonding of Cyclic Amides in Proton Acceptor and Donor Solvents. Amide Cycle Size Effect. <i>Molecules</i> , 2021, 26, 1411.	1.7	5
8	Thermochemistry of solution, solvation and hydrogen bonding of linear and cyclic ethers in solvents. <i>Thermochimica Acta</i> , 2021, 700, 178932.	1.2	4
9	Effect of cation structure on the formation of hydrogen bond between ionic liquids and solute molecules. <i>Journal of Molecular Liquids</i> , 2021, 334, 116089.	2.3	4
10	Measurements of density at elevated pressure – A vibrating-tube densimeter calibration, uncertainty assessment, and validation of the results. <i>Journal of Molecular Liquids</i> , 2021, 336, 116196.	2.3	3
11	Physicochemical investigation of water-soluble C ₆₀ (C ₂ NH ₄ O ₂) ₄ H ₄ (C ₆₀ -Gly) adduct. <i>Journal of Molecular Liquids</i> , 2021, 344, 117658.	2.3	4
12	Intermolecular interaction of organic solutes with protic [MIM][NO ₃] and aprotic [EMIM][NO ₃] ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 299, 112243.	2.3	6
13	Hydrogen bonding of linear and cyclic amides in ionic liquids. <i>Thermochimica Acta</i> , 2020, 692, 178757.	1.2	3
14	Thermochemistry of Solutions of Alkanes in Binary Mixtures: Azeotropes. <i>Journal of Solution Chemistry</i> , 2020, 49, 645-658.	0.6	1
15	The intermolecular interactions of methanol, pyrrole and chloroform in a binary solvent. <i>Thermochimica Acta</i> , 2020, 689, 178640.	1.2	1
16	The ability of ionic liquids to form hydrogen bonds with organic solutes evaluated by different experimental techniques. Part II. Alkyl substituted pyrrolidinium- and imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 309, 113138.	2.3	8
17	Density, speed of sound, viscosity, refractive index, surface tension and solubility of D ₆₀ [C(COOH) ₂] ₃ . <i>Journal of Molecular Liquids</i> , 2019, 291, 111256.	2.3	10
18	Solvation thermochemistry of aromatic hydrocarbons and their halogen derivatives in imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2019, 289, 111105.	2.3	4

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19	Solution and solvation enthalpies of aromatic derivatives in binary mixtures. Dipole moment and dielectric properties. <i>Thermochimica Acta</i> , 2019, 676, 1-6.	1.2	4
20	FTIR \hat{c} spectroscopy of intermolecular interactions of pyrrole in solutions: The influence of media and cooperativity of hydrogen bonds. <i>Journal of Molecular Liquids</i> , 2019, 277, 200-206.	2.3	10
21	Analysis of solute-pyridine intermolecular interactions based on experimental enthalpies of solution and enthalpies of solvation of solutes dissolved in pyridine. <i>Thermochimica Acta</i> , 2018, 660, 11-17.	1.2	17
22	Hydrogen bonding of molecular solutes in protic and aprotic ionic liquids. <i>Journal of Molecular Liquids</i> , 2018, 271, 815-819.	2.3	8
23	Thermocatalytic upgrading of heavy oil by iron oxides nanoparticles synthesized by oil-soluble precursors. <i>Journal of Petroleum Science and Engineering</i> , 2018, 169, 200-204.	2.1	7
24	The ability of ionic liquids to form hydrogen bonds with organic solutes evaluated by different experimental techniques. Part I. Alkyl substituted imidazolium and sulfonium based ionic liquids. <i>Journal of Molecular Liquids</i> , 2018, 265, 238-242.	2.3	14
25	EFFECT OF THE COMPOSITION OF A GAS MIXTURE OF OXYGEN WITH NITROGEN ON THE PROCESS OF OXIDATION OF HEAVY OILS.. , 2018, , .		0
26	INFLUENCE OF WATER CONTENT, CATALYSTS ON COMBUSTION PROCESSES OF HEAVY OILS.. , 2018, , .		0
27	Molecular Aggregation in Binary Mixtures of Pyrrolidine, <i>N</i> -Methylpyrrolidine, Piperidine, and <i>N</i> -Methylpiperidine with Water: Thermodynamic, SANS, and Theoretical Studies. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3070-3086.	1.2	7
28	Thermochemistry of hydrogen bonding of linear and cyclic amides in proton acceptors media. <i>Thermochimica Acta</i> , 2017, 652, 34-38.	1.2	16
29	Thermochemistry of hydrogen bonding of proton acceptors in the media of linear and cyclic amides. Cooperativity effects in multi-particle complexes of amides. <i>Thermochimica Acta</i> , 2017, 657, 20-25.	1.2	7
30	Chemical evaluation and kinetics of Siberian, north regions of Russia and Republic of Tatarstan crude oils. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 1031-1038.	1.2	28
31	Thermodynamic of dissolution and hydrogen bond of the pyrrole, <i>N</i> -methylpyrrole with proton acceptors. <i>Thermochimica Acta</i> , 2016, 640, 19-25.	1.2	15
32	Speed of Sound, Density, and Related Thermodynamic Excess Properties of Binary Mixtures of 2-Pyrrolidone and <i>N</i> -Methyl-2-pyrrolidone with Acetonitrile and Chloroform. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1032-1046.	1.0	15
33	Positive and Negative Contributions in the Solvation Enthalpy due to Specific Interactions in Binary Mixtures of C_{1-n} -Alkanols and Chloroform with Butan-2-one. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8125-8134.	1.2	17
34	Effect of halogen substitution on the enthalpies of solvation and hydrogen bonding of organic solutes in chlorobenzene and 1,2-dichlorobenzene derived using multi-parameter correlations. <i>Thermochimica Acta</i> , 2015, 617, 8-20.	1.2	28
35	Speed of Sound, Density, and Related Thermodynamic Excess Properties of Binary Mixtures of Butan-2-one with C_{1-n} -Alkanols and Chloroform. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 4118-4132.	1.0	31
36	Examination of hydrogen-bonding interactions between dissolved solutes and alkylbenzene solvents based on Abraham model correlations derived from measured enthalpies of solvation. <i>Thermochimica Acta</i> , 2014, 594, 68-79.	1.2	32

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37	Enthalpy of solvation correlations for organic solutes and gases dissolved in dichloromethane and 1,4-dioxane. Structural Chemistry, 2013, 24, 1841-1853.	1.0	27
38	Calorimetric Investigation of Hydrogen Bonding of Formamide and Its Methyl Derivatives in Organic Solvents and Water. International Journal of Thermophysics, 2013, 34, 710-724.	1.0	25