Il?naz T Rakipov

List of Publications by Year in descending order

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IL2NAZ T RAKIDOV

#	Article	IF	CITATIONS
1	Intermolecular interactions between imidazolium- and cholinium-based ionic liquids and lysozyme: Regularities and peculiarities. Journal of Molecular Liquids, 2022, 348, 118426.	4.9	11
2	FTIR spectral study of intermolecular interactions of C=O groups of amides in solution. Journal of Molecular Liquids, 2022, 354, 118838.	4.9	9
3	Thermochemistry of hydrogen bonding of ethers with aliphatic alcohols. Thermochimica Acta, 2022, 711, 179203.	2.7	1
4	A cytostatic drug from the class of triazine derivatives: Its properties in aqueous solutions, cytotoxicity, and therapeutic activity. Journal of Molecular Liquids, 2022, 356, 119043.	4.9	5
5	Group additive approach for heterocyclic aromatic solutes in [BMIM][BF4]. Journal of Molecular Liquids, 2021, 321, 114746.	4.9	2
6	Thermochemistry of Solution, Solvation and Hydrogen Bonding of Chloroform in Linear and Cyclic Ethers. Journal of Solution Chemistry, 2021, 50, 290-298.	1.2	3
7	Thermochemistry of Solution, Solvation, and Hydrogen Bonding of Cyclic Amides in Proton Acceptor and Donor Solvents. Amide Cycle Size Effect. Molecules, 2021, 26, 1411.	3.8	5
8	Thermochemistry of solution, solvation and hydrogen bonding of linear and cyclic ethers in solvents. Thermochimica Acta, 2021, 700, 178932.	2.7	4
9	Effect of cation structure on the formation of hydrogen bond between ionic liquids and solute molecules. Journal of Molecular Liquids, 2021, 334, 116089.	4.9	4
10	Measurements of density at elevated pressure – A vibrating-tube densimeter calibration, uncertainty assessment, and validation of the results. Journal of Molecular Liquids, 2021, 336, 116196.	4.9	3
11	Physicochemical investigation of water-soluble C60(C2NH4O2)4H4 (C60-Gly) adduct. Journal of Molecular Liquids, 2021, 344, 117658.	4.9	4
12	Intermolecular interaction of organic solutes with protic [MIM][NO3] and aprotic [EMIM][NO3] ionic liquids. Journal of Molecular Liquids, 2020, 299, 112243.	4.9	6
13	Hydrogen bonding of linear and cyclic amides in ionic liquids. Thermochimica Acta, 2020, 692, 178757.	2.7	3
14	Thermochemistry of Solutions of Alkanes in Binary Mixtures: Azeotropes. Journal of Solution Chemistry, 2020, 49, 645-658.	1.2	1
15	The intermolecular interactions of methanol, pyrrole and chloroform in a binary solvent. Thermochimica Acta, 2020, 689, 178640.	2.7	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. Journal of Molecular Liquids, 2020, 309, 113138.	4.9	8
17	Density, speed of sound, viscosity, refractive index, surface tension and solubility of С60[C(COOH)2]3. Journal of Molecular Liquids, 2019, 291, 111256.	4.9	10
18	Solvation thermochemistry of aromatic hydrocarbons and their halogen derivatives in imidazolium-based ionic liquids. Journal of Molecular Liquids, 2019, 289, 111105.	4.9	4

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19	Solution and solvation enthalpies of aromatic derivitives in binary mixtures. Dipole moment and dielectric properties. Thermochimica Acta, 2019, 676, 1-6.	2.7	4
20	FTIR – spectroscopy of intermolecular interactions of pyrrole in solutions: The influence of media and cooperativity of hydrogen bonds. Journal of Molecular Liquids, 2019, 277, 200-206.	4.9	10
21	Analysis of solute-pyridine intermolecular interactions based on experimental enthalpies of solution and enthalpies of solvation of solutes dissolved in pyridine. Thermochimica Acta, 2018, 660, 11-17.	2.7	17
22	Hydrogen bonding of molecular solutes in protic and aprotic ionic liquids. Journal of Molecular Liquids, 2018, 271, 815-819.	4.9	8
23	Thermocatalytic upgrading of heavy oil by iron oxides nanoparticles synthesized by oil-soluble precursors. Journal of Petroleum Science and Engineering, 2018, 169, 200-204.	4.2	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. Journal of Molecular Liquids, 2018, 265, 238-242.	4.9	14
25	EFFECT OF THE COMPOSITION OF A GAS MIXTURE OF OXYGEN WITH NITROGEN ON THE PROCESS OF OXIDATION OF HEAVY OILS , 2018, , .		Ο
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. Journal of Physical Chemistry B, 2017, 121, 3070-3086.	2.6	7
28	Thermochemistry of hydrogen bonding of linear and cyclic amides in proton acceptors media. Thermochimica Acta, 2017, 652, 34-38.	2.7	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. Thermochimica Acta, 2017, 657, 20-25.	2.7	7
30	Chemical evaluation and kinetics of Siberian, north regions of Russia and Republic of Tatarstan crude oils. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1031-1038.	2.3	28
31	Thermodynamic of dissolution and hydrogen bond of the pyrrole, N -methylpyrrole with proton acceptors. Thermochimica Acta, 2016, 640, 19-25.	2.7	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. Journal of Chemical & Engineering Data, 2016, 61, 1032-1046.	1.9	15
33	Positive and Negative Contributions in the Solvation Enthalpy due to Specific Interactions in Binary Mixtures of C1–C4 <i>n</i> -Alkanols and Chloroform with Butan-2-one. Journal of Physical Chemistry B, 2015, 119, 8125-8134.	2.6	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. Thermochimica Acta, 2015, 617, 8-20.	2.7	28
35	Speed of Sound, Density, and Related Thermodynamic Excess Properties of Binary Mixtures of Butan-2-one with C1–C4 <i>n</i> -Alkanols and Chloroform. Journal of Chemical & Engineering Data, 2014, 59, 4118-4132.	1.9	31
36	Examination of hydrogen-bonding interactions between dissolved solutes and alkylbenzene solvents based on Abraham model correlations derived from measured enthalpies of solvation. Thermochimica Acta, 2014, 594, 68-79.	2.7	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.	2.0	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.	2.1	25