

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	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
2	Speed of Sound, Density, and Related Thermodynamic Excess Properties of Binary Mixtures of Butan-2-one with C1- <i>n</i> -Alkanols and Chloroform. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 4118-4132.	1.0	31
3	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
4	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
5	Enthalpy of solvation correlations for organic solutes and gases dissolved in dichloromethane and 1,4-dioxane. <i>Structural Chemistry</i> , 2013, 24, 1841-1853.	1.0	27
6	Calorimetric Investigation of Hydrogen Bonding of Formamide and Its Methyl Derivatives in Organic Solvents and Water. <i>International Journal of Thermophysics</i> , 2013, 34, 710-724.	1.0	25
7	Positive and Negative Contributions in the Solvation Enthalpy due to Specific Interactions in Binary Mixtures of C1- <i>n</i> -Alkanols and Chloroform with Butan-2-one. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8125-8134.	1.2	17
8	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
9	Thermochemistry of hydrogen bonding of linear and cyclic amides in proton acceptors media. <i>Thermochimica Acta</i> , 2017, 652, 34-38.	1.2	16
10	Thermodynamic of dissolution and hydrogen bond of the pyrrole, N -methylpyrrole with proton acceptors. <i>Thermochimica Acta</i> , 2016, 640, 19-25.	1.2	15
11	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
12	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
13	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
14	Density, speed of sound, viscosity, refractive index, surface tension and solubility of $\text{D}_{60}[\text{C}(\text{COOH})_2]_3$. <i>Journal of Molecular Liquids</i> , 2019, 291, 111256.	2.3	10
15	FTIR μ 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
16	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
17	Hydrogen bonding of molecular solutes in protic and aprotic ionic liquids. <i>Journal of Molecular Liquids</i> , 2018, 271, 815-819.	2.3	8
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Thermochemistry of solution, solvation and hydrogen bonding of linear and cyclic ethers in solvents. <i>Thermochimica Acta</i> , 2021, 700, 178932.	1.2	4
28	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
29	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
30	Hydrogen bonding of linear and cyclic amides in ionic liquids. <i>Thermochimica Acta</i> , 2020, 692, 178757.	1.2	3
31	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
32	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
33	Group additive approach for heterocyclic aromatic solutes in [BMIM][BF ₄]. <i>Journal of Molecular Liquids</i> , 2021, 321, 114746.	2.3	2
34	Thermochemistry of Solutions of Alkanes in Binary Mixtures: Azeotropes. <i>Journal of Solution Chemistry</i> , 2020, 49, 645-658.	0.6	1
35	The intermolecular interactions of methanol, pyrrole and chloroform in a binary solvent. <i>Thermochimica Acta</i> , 2020, 689, 178640.	1.2	1
36	Thermochemistry of hydrogen bonding of ethers with aliphatic alcohols. <i>Thermochimica Acta</i> , 2022, 711, 179203.	1.2	1

#	ARTICLE	IF	CITATIONS
37	EFFECT OF THE COMPOSITION OF A GAS MIXTURE OF OXYGEN WITH NITROGEN ON THE PROCESS OF OXIDATION OF HEAVY OILS.. , 2018, , .		0
38	INFLUENCE OF WATER CONTENT, CATALYSTS ON COMBUSTION PROCESSES OF HEAVY OILS.. , 2018, , .		0