

Igor N Mezhevoi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Calorimetric study of dissolution of amino carboxylic acids in water at 298.15 K. Russian Journal of Applied Chemistry, 2007, 80, 711-715.	0.5	52
2	The enthalpies of solution of DL- α -alanine in water-organic solvent mixtures at 298.15 K. Russian Journal of Physical Chemistry A, 2006, 80, 672-677.	0.6	23
3	The thermochemical characteristics of solution of DL- α -alanylglycine and DL- α -alanyl-DL- α -alanine in water-organic solvent mixtures at 298.15 K. Russian Journal of Physical Chemistry A, 2007, 81, 1245-1249.	0.6	20
4	Thermodynamics of aromatic amino acid interactions with heterocyclic ligands. Journal of Molecular Liquids, 2015, 211, 494-497.	4.9	17
5	Thermodynamic characteristics of molecular interactions between L-tryptophan and nicotinic acid and uracyl in aqueous buffer solutions at 298 K. Russian Journal of Physical Chemistry A, 2015, 89, 2229-2233.	0.6	14
6	Volumetric and heat capacity studies of heterocyclic compounds in aqueous amino acids buffer solutions at 298.15 \pm K. Journal of Chemical Thermodynamics, 2019, 131, 40-48.	2.0	14
7	Standard enthalpies of dissolution of L-alanine in the water solutions of glycerol, ethylene glycol, and 1,2-propylene glycol at 298.15 K. Russian Journal of Physical Chemistry A, 2010, 84, 607-610.	0.6	13
8	Thermodynamical characteristics of the reaction of pyridoxal-5 α -phosphate with L-amino acids in aqueous buffer solution. Russian Journal of Physical Chemistry A, 2011, 85, 16-20.	0.6	13
9	The thermochemical characteristics of solution of DL- α -alanylglycine and DL- α -alanylanine in water-alcohol mixtures at 298.15 K. Russian Journal of Physical Chemistry A, 2007, 81, 727-730.	0.6	11
10	Thermodynamic characteristics of the interaction between nicotinic acid and phenylalanine in an aqueous buffer solution at 298 K. Russian Journal of Physical Chemistry A, 2013, 87, 1306-1309.	0.6	10
11	Study on the Interaction of Nicotinic Acid with L-Phenylalanine in Buffer Solution by Heat Capacity Measurements at Various Temperatures. Journal of Solution Chemistry, 2017, 46, 249-258.	1.2	10
12	Enthalpy characteristics of dissolution of L-cysteine and L-asparagine in aqueous solutions of acetonitrile and dimethyl sulfoxide at 298.15 K. Russian Chemical Bulletin, 2008, 57, 2452-2455.	1.5	9
13	The Enthalpies of Solution of L-cysteine, L-serine and L-asparagine in Aqueous Solutions of Some Alcohols at 298.15 K. Journal of Solution Chemistry, 2009, 38, 1217-1223.	1.2	9
14	Observation of complex formation between L-histidine and heterocyclic compounds in water and aqueous buffer solution using calorimetric and spectroscopic methods. Journal of Molecular Liquids, 2019, 278, 505-511.	4.9	9
15	Thermodynamic properties of crystalline L-carnosine and its aqueous solutions. Journal of Chemical Thermodynamics, 2020, 150, 106206.	2.0	9
16	Thermochemical investigation of interaction of L-serine with glycerol, ethylene glycol, and 1,2-propylene glycol in aqueous solutions. Russian Journal of General Chemistry, 2010, 80, 27-30.	0.8	7
17	The solvation of L-serine in mixtures of water with some aprotic solvents at 298.15 K. Russian Journal of Physical Chemistry A, 2009, 83, 388-391.	0.6	6
18	The influence of structure of isomolecular dipeptides of α -L-alanyl- α -L-alanine and β -alanyl- β -alanine on their behavior in aqueous micellar solution of SDS. Thermochimica Acta, 2020, 689, 178647.	2.7	6

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19	Enthalpy characteristics of L-asparagine interaction with glycerol, ethylene glycol, and 1,2-propylene glycol in aqueous solutions. Russian Journal of General Chemistry, 2012, 82, 1101-1104.	0.8	5
20	Thermochemical characteristics of interactions of DL-alanine in aqueous solutions of glycerol, ethylene glycol, and 1,2-propylene glycol. Russian Journal of General Chemistry, 2012, 82, 1801-1804.	0.8	5
21	Thermochemical analysis of intermolecular interaction of aliphatic amino acids with propanediol-1,3 in aqueous media. Russian Journal of General Chemistry, 2014, 84, 223-226.	0.8	5
22	Molecular complexes of polar basic amino acids (l-lysine, l-histidine) with nicotinic acid in water and buffer solution: A thermodynamic aspects. Journal of Chemical Thermodynamics, 2021, 161, 106552.	2.0	5
23	Enthalpy of Solution of Glycine at Various pHs. Russian Journal of General Chemistry, 2003, 73, 1032-1035.	0.8	4
24	Enthalpy characteristics of solution of L-cysteine and L-asparagine in water-alcohol mixtures at 298.15 K. Russian Journal of General Chemistry, 2008, 78, 597-601.	0.8	4
25	Thermochemistry of glycyl-DL- α -alanine dissolution in water-alcohol solutions at 298.15 K. Russian Journal of General Chemistry, 2008, 78, 1893-1896.	0.8	4
26	Thermochemical characteristics of the interaction of L-cysteine with glycerol, ethylene glycol, and 1,2-propylene glycol in aqueous solutions. Russian Journal of Physical Chemistry A, 2011, 85, 934-937.	0.6	4
27	Enthalpic parameters of interaction between diglycylglycine and polyatomic alcohols in aqueous solutions. Russian Journal of Physical Chemistry A, 2015, 89, 2222-2225.	0.6	4
28	The thermochemical characteristics of solution of L-cysteine and L-asparagine in aqueous 1,4-dioxane and acetone. Russian Journal of Physical Chemistry A, 2009, 83, 1121-1124.	0.6	3
29	Enthalpy pair coefficients of interaction for DL-valine in aqueous solutions of polyatomic alcohols at 298 K. Russian Journal of Physical Chemistry A, 2013, 87, 2023-2026.	0.6	3
30	Energetics of the molecular interactions of L-cysteine, L-serine, and L-asparagine in aqueous propylene glycol solutions at 298.15 K. Russian Journal of Physical Chemistry A, 2015, 89, 393-397.	0.6	3
31	Thermochemical study of glycylglycine interaction with polyhydric alcohols in aqueous solution. Russian Journal of General Chemistry, 2015, 85, 816-819.	0.8	3
32	Measuring the enthalpies of interaction between glycine, L-cysteine, glycylglycine, and sodium dodecyl sulfate in aqueous solutions. Russian Journal of Physical Chemistry A, 2017, 91, 521-524.	0.6	3
33	Enthalpic characteristics of solution of amino acids and aliphatic dipeptides in aqueous solutions of KCl. Russian Journal of Physical Chemistry A, 2010, 84, 1862-1866.	0.6	2
34	Energetics of the molecular interactions of L-alanine and L-serine with xylitol, D-sorbitol, and D-mannitol in aqueous solutions at 298.15 K. Russian Journal of Physical Chemistry A, 2013, 87, 589-592.	0.6	2
35	Insight into the complex formation of β -alanine-L-histidine with nicotinic acid in water and buffer aqueous solution. Journal of Molecular Liquids, 2021, 329, 115568.	4.9	2
36	Thermochemical analysis of intermolecular interactions between N-acetylglycine and polyols in aqueous solutions. Russian Journal of Physical Chemistry A, 2017, 91, 810-813.	0.6	1

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37	Enthalpy parameters of molecular interactions of dl- α -alanyl-dl- α -alanine with polyhydric alcohols in the aqueous solution. Russian Journal of General Chemistry, 2017, 87, 1766-1770.	0.8	1
38	Effect of Tryptophan and Asparagine Structure on the Enthalpic Characteristics of Their Dissolution in Aqueous Solutions of Sodium Dodecyl Sulfate. Russian Journal of Physical Chemistry A, 2018, 92, 466-469.	0.6	1