

Igor N Mezhevoi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2497773/publications.pdf>

Version: 2024-02-01

38
papers

316
citations

932766

10
h-index

940134

16
g-index

39
all docs

39
docs citations

39
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the complex formation of $\hat{1}^2$ -alanyl-L-histidine with nicotinic acid in water and buffer aqueous solution. <i>Journal of Molecular Liquids</i> , 2021, 329, 115568.	2.3	2
2	Molecular complexes of polar basic amino acids (l-lysine, l-histidine) with nicotinic acid in water and buffer solution: A thermodynamic aspects. <i>Journal of Chemical Thermodynamics</i> , 2021, 161, 106552.	1.0	5
3	Thermodynamic properties of crystalline L-carnosine and its aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106206.	1.0	9
4	The influence of structure of isomolecular dipeptides of $\hat{1}^{\pm}$ -L-alanyl- $\hat{1}^{\pm}$ -L-alanine and $\hat{1}^2$ -alanyl- $\hat{1}^2$ -alanine on their behavior in aqueous micellar solution of SDS. <i>Thermochimica Acta</i> , 2020, 689, 178647.	1.2	6
5	Observation of complex formation between l-histidine and heterocyclic compounds in water and aqueous buffer solution using calorimetric and spectroscopic methods. <i>Journal of Molecular Liquids</i> , 2019, 278, 505-511.	2.3	9
6	Volumetric and heat capacity studies of heterocyclic compounds in aqueous amino acids buffer solutions at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2019, 131, 40-48.	1.0	14
7	Effect of Tryptophan and Asparagine Structure on the Enthalpic Characteristics of Their Dissolution in Aqueous Solutions of Sodium Dodecyl Sulfate. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 466-469.	0.1	1
8	Thermochemical analysis of intermolecular interactions between N-acetylglycine and polyols in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 810-813.	0.1	1
9	Study on the Interaction of Nicotinic Acid with l-Phenylalanine in Buffer Solution by Heat Capacity Measurements at Various Temperatures. <i>Journal of Solution Chemistry</i> , 2017, 46, 249-258.	0.6	10
10	Enthalpy parameters of molecular interactions of dl- $\hat{1}^{\pm}$ -alanyl-dl- $\hat{1}^{\pm}$ -alanine with polyhydric alcohols in the aqueous solution. <i>Russian Journal of General Chemistry</i> , 2017, 87, 1766-1770.	0.3	1
11	Measuring the enthalpies of interaction between glycine, L-cysteine, glycyglycine, and sodium dodecyl sulfate in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 521-524.	0.1	3
12	Thermodynamic characteristics of molecular interactions between L-tryptophan and nicotinic acid and uracyl in aqueous buffer solutions at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 2229-2233.	0.1	14
13	Enthalpic parameters of interaction between diglycyglycine and polyatomic alcohols in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 2222-2225.	0.1	4
14	Energetics of the molecular interactions of L-cysteine, L-serine, and L-asparagine in aqueous propylene glycol solutions at 298.15 K. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 393-397.	0.1	3
15	Thermodynamics of aromatic amino acid interactions with heterocyclic ligands. <i>Journal of Molecular Liquids</i> , 2015, 211, 494-497.	2.3	17
16	Thermochemical study of glycyglycine interaction with polyhydric alcohols in aqueous solution. <i>Russian Journal of General Chemistry</i> , 2015, 85, 816-819.	0.3	3
17	Thermochemical analysis of intermolecular interaction of aliphatic amino acids with propanediol-1,3 in aqueous media. <i>Russian Journal of General Chemistry</i> , 2014, 84, 223-226.	0.3	5
18	Thermodynamic characteristics of the interaction between nicotinic acid and phenylalanine in an aqueous buffer solution at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2013, 87, 1306-1309.	0.1	10

#	ARTICLE	IF	CITATIONS
19	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.	0.1	2
20	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.	0.1	3
21	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.	0.3	5
22	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.	0.3	5
23	Thermodynamical characteristics of the reaction of pyridoxal-5-phosphate with L-amino acids in aqueous buffer solution. Russian Journal of Physical Chemistry A, 2011, 85, 16-20.	0.1	13
24	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.	0.1	4
25	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.	0.1	13
26	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.	0.1	2
27	Thermochemical investigation of interaction of L-serin with glycerol, ethylene glycol, and 1,2-propylene glycol in aqueous solutions. Russian Journal of General Chemistry, 2010, 80, 27-30.	0.3	7
28	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.	0.6	9
29	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.	0.1	6
30	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.	0.1	3
31	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.	0.4	9
32	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.	0.3	4
33	Thermochemistry of glycyl-DL-alanine dissolution in water-alcohol solutions at 298.15 K. Russian Journal of General Chemistry, 2008, 78, 1893-1896.	0.3	4
34	The thermochemical characteristics of solution of DL-alanylglycine and DL-alanylalanine in water-alcohol mixtures at 298.15 K. Russian Journal of Physical Chemistry A, 2007, 81, 727-730.	0.1	11
35	The thermochemical characteristics of solution of DL-alanylglycine and DL-alanyl-DL-alanine in water-organic solvent mixtures at 298.15 K. Russian Journal of Physical Chemistry A, 2007, 81, 1245-1249.	0.1	20
36	Calorimetric study of dissolution of amino carboxylic acids in water at 298.15 K. Russian Journal of Applied Chemistry, 2007, 80, 711-715.	0.1	52

#	ARTICLE	IF	CITATIONS
37	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.	0.1	23
38	Enthalpy of Solution of Glycine at Various pHs. Russian Journal of General Chemistry, 2003, 73, 1032-1035.	0.3	4