

Tatiana R Usacheva

List of Publications by Year in descending order

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48
papers

440
citations

840119

11
h-index

839053

18
g-index

48
all docs

48
docs citations

48
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal titration calorimetry investigation of the interactions between vitamin B6-derived hydrazones and bovine and human serum albumin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5483-5490.	2.0	4
2	Binding of quercetin and curcumin to human serum albumin in aqueous dimethyl sulfoxide and in aqueous ethanol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5511-5518.	2.0	2
3	Entropy Effects in Intermolecular Associations of Crown-Ethers and Cyclodextrins with Amino Acids in Aqueous and in Non-Aqueous Media. <i>Entropy</i> , 2022, 24, 24.	1.1	1
4	The study of interactions between textile auxiliary polyelectrolytes by isothermal titration calorimetry. <i>Journal of Molecular Liquids</i> , 2022, 359, 119286.	2.3	2
5	Selective binding of a bioactive porphyrin-based photosensitizer to the G-quadruplex from the KRAS oncogene promoter. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 244-251.	3.6	33
6	Thermodynamics of complexation of benzoic acid with β - and γ -cyclodextrins in water-DMSO media. <i>Russian Chemical Bulletin</i> , 2020, 69, 1692-1696.	0.4	3
7	Phase solubility and thermoanalytical studies of the inclusion complex formation between curcumin and hydroxypropyl- β -cyclodextrin in hydroalcoholic solutions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, , 1.	2.0	7
8	Host-guest inclusion complex of β -cyclodextrin and benzoic acid in water-ethanol solvents: spectroscopic and thermodynamic characterization of complex formation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 2015-2024.	2.0	6
9	Thermodynamics of complex formation between hydroxypropyl- β -cyclodextrin and quercetin in water-ethanol solvents at $T = 298.15$ K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 417-424.	2.0	18
10	Effect of reactant solvation on the stability of complexes of silver(I) with 18-crown-6 in ethanol-dimethyl sulfoxide mixtures. <i>Journal of Molecular Liquids</i> , 2019, 276, 78-82.	2.3	5
11	Effect of the Composition of Ethanol-DMSO Solvents on the Stability of Silver(I) Complexes with 18-Crown-6. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 687-690.	0.3	5
12	Thermodynamics of complex formation between Cu(II) and glycyl-glycyl-glycine in water-ethanol and water-dimethylsulfoxide solvents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 471-478.	2.0	12
13	Calorimetric study of the molecular complex formation of glycyl-glycyl-glycine with 18-crown-6 in aqueous organic solvents. <i>Russian Journal of General Chemistry</i> , 2017, 87, 591-599.	0.3	4
14	Influence of reagents solvation on $[Ag18C6]^+$ complex formation in methanol-acetonitrile mixed solvents. <i>Russian Journal of General Chemistry</i> , 2017, 87, 2229-2232.	0.3	0
15	Thermodynamics of the complex formation between Cu^{2+} and triglycine in water-ethanol solutions at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 1235-1240.	0.1	3
16	Thermodynamic characteristics of acid-base equilibria of glycyl-glycyl-glycine in water-ethanol solutions at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2016, 90, 2387-2392.	0.1	4
17	Molecular dynamics simulations of 18-crown-6 aqueous solutions. <i>Journal of Molecular Liquids</i> , 2016, 224, 825-831.	2.3	4
18	Thermodynamics of molecular complexation of glycyl-glycyl-glycine with cryptand [2.2.2] in water-dimethylsulfoxide solvent at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 307-314.	2.0	5

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19	Constants and thermodynamics of the acid-base equilibria of triglycine in water-ethanol solutions containing sodium perchlorate at 298 K. Russian Journal of Physical Chemistry A, 2016, 90, 344-348.	0.1	6
20	A thermodynamic study of reactions of amino acids with crown ethers in nonaqueous media as examples of guest-host molecular complex formation. Russian Chemical Bulletin, 2015, 64, 2536-2544.	0.4	8
21	Application of isothermal titration calorimetry for evaluation of water-acetone and water-dimethylsulfoxide solvent influence on the molecular complex formation between 18-crown-6 and triglycine at 298.15 K. Journal of Thermal Analysis and Calorimetry, 2015, 121, 975-981.	2.0	12
22	Change in the Gibbs energy of 18-crown-6 ether transfer from methanol to methanol-acetonitrile mixtures at 298 K. Russian Journal of Physical Chemistry A, 2015, 89, 73-75.	0.1	4
23	Stability of coordination compounds of Co ²⁺ and Ni ²⁺ ions with maleic acid anion in aqueous isopropanol solutions. Russian Journal of Inorganic Chemistry, 2014, 59, 148-151.	0.3	1
24	Formation of molecular complexes between 18-crown-6 and amino acids in aqueous-organic media. Russian Journal of General Chemistry, 2014, 84, 227-234.	0.3	5
25	Gibbs energies of transferring triglycine from water into H ₂ O-DMSO solvent. Russian Journal of Physical Chemistry A, 2014, 88, 1357-1360.	0.1	8
26	Effect of solvation on the thermodynamics of formation for 18-crown-6 ether complexes with glycine and triglycine in water-ethanol solutions at 298 K. Russian Journal of Physical Chemistry A, 2014, 88, 607-611.	0.1	2
27	Thermodynamics of formation for the 18-crown-6-triglycine molecular complex in water-dimethylsulfoxide solvents. Russian Journal of Physical Chemistry A, 2014, 88, 908-912.	0.1	2
28	Effect of solvation on the complexation of 18-crown-6 with amino acids in aqueous-organic media. Russian Journal of General Chemistry, 2014, 84, 911-917.	0.3	6
29	Calorimetric investigation of the complex formation reaction of 18-crown-6 ether with d,l-alanine in water-ethanol mixtures. Journal of Thermal Analysis and Calorimetry, 2013, 112, 983-989.	2.0	19
30	Dependence of the thermodynamic characteristics of the complexation of alanine-18-crown-6 on the composition of water-ethanol solvent. Russian Journal of Physical Chemistry A, 2013, 87, 204-207.	0.1	4
31	Thermochemistry of solvation of 18-crown-6 ether in binary methanol-acetonitrile solvents. Russian Journal of Physical Chemistry A, 2013, 87, 1076-1078.	0.1	6
32	Thermodynamic characteristics of 2,2'-Dipyridyl solvation in binary methanol-acetonitrile solvents. Russian Journal of Physical Chemistry A, 2013, 87, 945-947.	0.1	2
33	Molecular complexation of some amino acids and triglycine with 18-crown-6 ether in H ₂ O-EtOH solvents at 298.15 K. Russian Journal of Inorganic Chemistry, 2013, 58, 1264-1268.	0.3	6
34	Molecular complex formation between l-phenylalanine and 18-crown-6 in H ₂ O-DMSO solvents studied by titration calorimetry at 298.15 K. Journal of Thermal Analysis and Calorimetry, 2013, 112, 399-405.	2.0	14
35	The influence of water-ethanol mixture on the thermodynamics of complex formation between 18-crown-6 ether and l-phenylalanine. Chemical Physics Letters, 2012, 543, 155-158.	1.2	16
36	Thermodynamic characteristics of alanine-18-crown-6 ether complexes in binary water-acetone solvents. Russian Journal of Physical Chemistry A, 2012, 86, 36-39.	0.1	10

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37	Calculating the solvation contributions from reagents to the change in enthalpy of silver(I) complexation with 18-crown-6 ether in binary methanol-acetonitrile solvents. Russian Journal of Physical Chemistry A, 2012, 86, 50-52.	0.1	3
38	Effects of temperature and relative humidity on fibrillar collagen in parchment: A micro differential scanning calorimetry (micro DSC) study. Polymer Degradation and Stability, 2012, 97, 346-353.	2.7	60
39	Maleic acid solvation in mixed water-ethanol solvents. Russian Journal of Physical Chemistry A, 2012, 86, 577-579.	0.1	0
40	Influence of the composition of aqueous dimethylsulfoxide solvent on thermodynamics of complexing between 18-crown-6-ether and D,L-alanine. Russian Journal of Physical Chemistry A, 2012, 86, 1064-1067.	0.1	9
41	The influence of the composition of an aqueous-acetone solvent on the thermodynamic characteristics of complex formation of 18-crown-6 ether with glycine. Russian Journal of Physical Chemistry A, 2011, 85, 948-951.	0.1	17
42	The influence of solvation on the formation of Ag ⁺ complexes with 18-crown-6 ether in water-dimethyl sulfoxide solvents. Russian Journal of Physical Chemistry A, 2011, 85, 952-954.	0.1	11
43	Effect of solvation on the thermodynamics of the formation of molecular complexes of 18-crown-6 ether with glycine in water-dimethylsulfoxide solutions. Russian Journal of Physical Chemistry A, 2011, 85, 1898-1902.	0.1	15
44	Thermodynamics of complex formation in mixed solvents K and ¹ H for the formation reaction of [Gly18C6] at 298.15K. Journal of Thermal Analysis and Calorimetry, 2009, 97, 811-816.	2.0	18
45	Thermodynamics of solvation of some small peptides in water at T=298.15K. Journal of Chemical Thermodynamics, 2006, 38, 1054-1061.	1.0	36
46	The thermodynamic parameters of complex formation between silver (I) ions and 2,2'-dipyridyl in water-dimethylsulfoxide solvents. Russian Journal of Physical Chemistry A, 2006, 80, 747-750.	0.1	4
47	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 203-207.	0.3	12
48	Thermodynamics of Complexation of Ag ⁺ with 18-Crown-6 in Water-Dimethyl Sulfoxide Mixtures. Russian Journal of General Chemistry, 2001, 71, 707-711.	0.3	6