

Sergei Gridchin

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78
papers

200
citations

6
h-index

8
g-index

80
ext. papers

216
ext. citations

1.2
avg, IF

3.62
L-index

#	Paper	IF	Citations
78	Enthalpy changes in protolytic equilibria of glycyl-alanine in an aqueous solution. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 90, 607-609	4.1	13
77	Stability Constants of Cu(II) Hydroxypropylenediaminetetraacetates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2003 , 29, 868-870	1.6	10
76	Thermodynamic parameters of protolytic equilibria of selected dipeptides in aqueous solutions. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 810-815	0.7	8
75	Electrodeposition of tin-nickel alloys from oxalate-sulfate and fluoride-chloride electrolytes. <i>Surface Engineering and Applied Electrochemistry</i> , 2016 , 52, 152-156	0.8	6
74	Electroplating of zinc-cobalt alloys from oxalate electrolytes. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017 , 53, 483-487	0.9	6
73	Enthalpies and constants of dissociation for D,L-Alanyl-D,L-Serine at 298 K. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 1-4	0.7	6
72	The thermal effects of acid-base interactions in aqueous solutions of D,L-Alanyl-glycine. <i>Russian Journal of Physical Chemistry A</i> , 2007 , 81, 1941-1944	0.7	6
71	Thermodynamic characteristics of protolytic equilibria of Alanylglycine in aqueous solution. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 1037-1039	0.7	6
70	Thermodynamic characteristics of protolytic equilibria in aqueous solutions of glycyl peptides. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 2170-2176	0.7	6
69	Electrodeposition of Zinc-Nickel Alloys from Ammonium Oxalate Electrolytes. <i>Russian Journal of Electrochemistry</i> , 2018 , 54, 355-362	1.2	5
68	Thermodynamic study of heteroligand complex formation of copper(II) and nickel(II) nitrilotriacetates with amino acids in solution. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 124, 1003-1011	4.1	5
67	Thermodynamic characteristics of protolytic equilibria of L-valyl-L-valine in aqueous solution. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1315-1317	0.7	5
66	Thermodynamic characteristics of protolytic equilibria of D,L-alanyl-D,L-leucine in aqueous solution. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 429-431	0.7	5
65	Thermodynamics of Cobalt(II) Complexation with 2-Hydroxypropylene-1,3-Diamine-N,N,N",N"-Tetraethanoic Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 117-121	1.6	5
64	Thermochemical study of the complex formation of copper(II) and nickel(II) iminodiacetates with amino acids in aqueous solutions. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 909-917	1.5	4
63	Potentiometric determination of the ionization constants of ethylenediamine-N,N?-diglutamic acid at 298.15 K. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 1813-1816	0.7	4
62	Effect of Surfactants on Electrodeposition of the Sn-Ni Alloy from Oxalate Solutions. <i>Russian Journal of Electrochemistry</i> , 2017 , 53, 1274-1280	1.2	4

61	The step dissociation constants of ethylenediamine-N,N?-diacetic-N,N?-dipropionic and ethylenediamine-N,N,N?,N?-tetrapropionic acids. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 41-44 ^{0.7}	0.7	4
60	The heats of interaction of L-glutamine and L-glutamic acid with KOH and HNO ₃ in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 138-142	0.7	4
59	The enthalpies of solution of VOCl ₃ in dilute solutions of sodium hydroxide and the standard enthalpy of formation of liquid VOCl ₃ . <i>Russian Journal of Physical Chemistry A</i> , 2010 , 84, 143-145	0.7	4
58	Stability Constants of Manganese(II) Alkylenediaminetetraacetates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004 , 30, 781-785	1.6	4
57	Thermodynamic characteristics of the acid-base equilibria of taurine in aqueous solutions, according to calorimetry data. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 341-343	0.7	3
56	Effect of temperature on the enthalpies of formation of copper(II) complexes with L-Aspartic acid in aqueous solutions. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1163-1167	1.5	3
55	Thermodynamics of Mixed Ligand Complex Formation of Copper(II) and Nickel Ions with Glycine and Histidine in Solution. <i>Journal of Solution Chemistry</i> , 2020 , 49, 239-253	1.8	3
54	Thermodynamics of mixed-ligand complex formation of zinc nitrilotriacetate with amino acids and dipeptides in solution. <i>Thermochimica Acta</i> , 2014 , 594, 50-57	2.9	3
53	Thermodynamics of L-valine complex formation with Cu ²⁺ ions in an aqueous solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 693-696	1.6	3
52	Thermodynamic characteristics of protolytic equilibria of ethylenediamine-N,N?-diacetic-N,N?-dipropionic acid. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 395-401	0.7	3
51	Stability constants of zinc(II), cadmium(II), and cobalt(II) complexes of trimethylenediamine-N,N,N?,N?-tetraacetic acid. <i>Journal of Analytical Chemistry</i> , 2007 , 62, 522-525	1.1	3
50	Enthalpy changes in formation reactions of zinc and cadmium trimethylenediaminetetraacetates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 90, 951-954	4.1	3
49	Protolytic equilibria of N-(Hydroxyethyl)ethylenediamine-N,N?,N?-triacetic acid. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 1672-1676	1.5	3
48	The thermodynamic characteristics of step dissociation of trimethylenediamino-N,N,N?,N?-tetraacetic acid. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 41-44 ^{0.7}	0.7	3
47	Thermodynamics of cobalt(II) complexation with trimethylenediamine-N,N,N?,N?-tetraethanoic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 765-769	1.6	3
46	Stabilities of Scandium(III)- and Yttrium(III)-Tiron Chelates and their hydrolytic behavior. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 58-64	1.6	3
45	Thermodynamics of mixed ligand complex formation of metal(II) iminodiacetates and nitrilotriacetates with dipyridyl and phenanthroline in solution. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 1435-1441	4.1	3
44	New ternary complexes of zinc ions with glycine and histidine in solution. <i>Thermochimica Acta</i> , 2019 , 680, 178335	2.9	2

43	Thermodynamics of the complexation between the Cu ²⁺ Ion and L-aspartic acid in aqueous solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 501-505	1.6	2
42	Thermodynamic Parameters of the Complex Formation of Copper(II) Ions with L-Serine and L-Homoserine. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 2846-2851	0.7	2
41	Enthalpies of solution and standard enthalpy of formation of crystalline NaVO ₃ · 2H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 1491-1493	1.5	2
40	The enthalpies and dissociation constants of L-homoserine in aqueous solutions of KNO ₃ . <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 234-237	0.7	2
39	Thermodynamic characteristics of protolytic equilibria of hexamethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 706-709	0.7	2
38	Thermochemical study of processes of complex formation of Cu ²⁺ ions with L-glutamine in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , 2010 , 84, 1856-1861	0.7	2
37	Thermodynamic characteristics of protolytic equilibria of trimethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 372-375	0.7	2
36	Protolytic Equilibria of Glycyl-L-Aspartic Acid in Aqueous Solutions. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 1959-1961	0.7	2
35	Thermodynamic characteristics of the formation of complexes of nickel(II) with L-homoserine. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 2499-2501	0.7	2
34	Thermochemical studies of the acid-base interactions in solutions of complexones, derivatives of ethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 655-662	0.7	1
33	Stability constants of the complexes of ethylenediamine-N,N'-diglutamic acid with zinc, cadmium, cobalt, and manganese(II) ions. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 383-386	1.5	1
32	Ternary nickel(II) complexes with histidine and glycylglycine in solution: Thermodynamic approach. <i>Inorganica Chimica Acta</i> , 2020 , 508, 119624	2.7	1
31	Mixed-Ligand Complexation of Zinc and Cobalt(II) Complexonates with Amino Acids in an Aqueous Solution. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 180-190	1.5	1
30	Complex formation of magnesium and calcium ions with trimethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 1069-1072	0.7	1
29	Thermodynamic characteristics of the protolytic equilibria of tetramethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 573-577	0.7	1
28	Effect of background electrolyte concentration on the heat effects in the processes of formation of L-asparagine complexes with Cu ²⁺ ions in aqueous solution. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 417-421	0.7	1
27	Thermodynamic characteristics of the acid-base equilibria of ethylenediamine-N,N'-diglutamic acid in aqueous solutions using calorimetric data. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 2061-2063	0.7	1
26	Enthalpies of the formation and dissolution of D-asparagine monohydrate in water and aqueous solutions of potassium hydroxide. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 2038-2040	0.7	1

25	The thermodynamic characteristics of complex formation between Cd ²⁺ and ethylenediamine-N,N'-disuccinic acid in aqueous solution. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 926-929	0.7	1
24	Solution and formation enthalpies of L-glutamine in water and KOH aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 1810-1812	0.7	1
23	Standard enthalpies of the formation of malonic acid and products of its dissociation in an aqueous solution. <i>Russian Journal of Physical Chemistry A</i> , 2010 , 84, 1997-1999	0.7	1
22	Thermodynamics of nickel(II) complexing with trimethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 557-559	1.5	1
21	Complex Formation of Cobalt(II) and Nickel(II) with 2-Hydroxypropylene-1,3-diamine-N,N,N',N'-tetraacetic Acid. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 947-950	0.7	1
20	Stability Constants of Zinc and Cadmium Complexes of 2-Hydroxypropene-1,3-Diamine-N,N,N',N'-Tetraacetic Acid. <i>Journal of Analytical Chemistry</i> , 2003 , 58, 47-50	1.1	1
19	Magnesium and Calcium Complexation with 2-Hydroxypropylene-1,3-Diamine-N,N,N',N'-Tetraacetic Acid. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 342-344	0.7	1
18	Protolytic Equilibrium of Glycyl-L-glutamic Acid in an Aqueous Solution. <i>Russian Journal of Physical Chemistry A</i> , 2021 , 95, 2174-2176	0.7	1
17	Electrodeposition of Zn-Ni Coatings from Ammonium Oxalate Bath. <i>Gal'vanotekhnika i Obrabotka Poverhnosti</i> , 2019 , 27, 4-8	0.2	1
16	Mixed ligand complexes of copper(II) iminodiacetate with di- and tripeptides in solution. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 3424-3435	1.6	1
15	Formation and Cathodic Reduction of Taurine Complexes with Zinc and Cobalt(II). <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 1244-1250	0.8	1
14	Thermodynamic Characteristics of Protolytic Equilibria of L-Alanayl-L-isoleucine in Aqueous Solutions. <i>Russian Journal of Physical Chemistry A</i> , 2021 , 95, 80-83	0.7	1
13	Electroplating of zinc and tin alloys with nickel and cobalt from ammonium oxalate electrolytes. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1272-1278	1.7	0
12	Electroplating and Physicochemical Properties of Zinc-Nickel Alloy Coatings from Ammonium Oxalate Electrolytes. <i>Surface Engineering and Applied Electrochemistry</i> , 2020 , 56, 427-431	0.8	0
11	Formation and Cathodic Reduction of Taurine Complexes with Zinc and Nickel(II). <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020 , 56, 363-368	0.9	
10	Formation of Mixed-Ligand Complexes of Metals(II) with Monoamine Complexones and Amino Acids in Solution. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 909-917	0.7	
9	Enthalpies of dissolution of NaVO ₃ · 2H ₂ O in aqueous chloric acid and the standard formation enthalpy of the VO ²⁺ ion. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 699-701	0.7	
8	Thermodynamic characteristics of formation reactions of the vanadium(V) malonate complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009 , 35, 479-481	1.6	

- 7 Enthalpy of solution of VOCl_3 in dilute sodium hydroxide solutions and the standard enthalpy of formation of the HVO_2^- ion. *Russian Journal of Physical Chemistry A*, **2007**, 81, 2096-2098 0.7
- 6 Complex formation of zinc, cadmium and manganese(II) with 2-hydroxypropylene-1,3-diamine-N,N,N',N'-tetraacetic acid. *Russian Journal of General Chemistry*, **2006**, 76, 570-573 0.7
- 5 The thermodynamic characteristics of complex formation between vanadium(V) and malonic acid. *Russian Journal of Physical Chemistry A*, **2006**, 80, 566-569 0.7
- 4 Protonated Nickel Bis-Glycine Chelate: Effective Precursor for Electroless Deposition of Nickel-Phosphorus Alloy. *Theoretical Foundations of Chemical Engineering*, **2021**, 55, 870-879 0.9
- 3 Electrodeposition of zinc-iron coatings from ammonium oxalate baths. *Galvanotekhnika i Obrabotka Poverhnosti*, **2021**, 29, 19-24 0.2
- 2 Thermodynamics of the Stepwise Dissociation of N-Methyliminodiacetic Acid. *Russian Journal of Physical Chemistry A*, **2018**, 92, 2435-2439 0.7
- 1 TERNARY NICKEL(II) COMPLEXES WITH HISTIDINE AND GLYCYLGLYCYLGLYCINE IN SOLUTION. *Thermochimica Acta*, **2022**, 179232 2.9