

# Sergei Gridchin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	TERNARY NICKEL(II) COMPLEXES WITH HISTIDINE AND GLYCYLGLYCYLGLYCINE IN SOLUTION. <i>Thermochimica Acta</i> , <b>2022</b> , 179232	2.9	
77	Protonated Nickel Bis-Glycine Chelate: Effective Precursor for Electroless Deposition of Nickel-Phosphorus Alloy. <i>Theoretical Foundations of Chemical Engineering</i> , <b>2021</b> , 55, 870-879	0.9	
76	Protolytic Equilibrium of Glycyl-L-glutamic Acid in an Aqueous Solution. <i>Russian Journal of Physical Chemistry A</i> , <b>2021</b> , 95, 2174-2176	0.7	1
75	Electrodeposition of zinc-iron coatings from ammonium oxalate baths. <i>Gal'vanotekhnika i Obrabotka Poverhnosti</i> , <b>2021</b> , 29, 19-24	0.2	
74	Thermodynamic Characteristics of Protolytic Equilibria of L-Alanayl-L-isoleucine in Aqueous Solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2021</b> , 95, 80-83	0.7	1
73	Ternary nickel(II) complexes with histidine and glycylglycine in solution: Thermodynamic approach. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 508, 119624	2.7	1
72	Formation and Cathodic Reduction of Taurine Complexes with Zinc and Nickel(II). <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2020</b> , 56, 363-368	0.9	
71	Thermodynamics of Mixed Ligand Complex Formation of Copper(II) and Nickel Ions with Glycine and Histidine in Solution. <i>Journal of Solution Chemistry</i> , <b>2020</b> , 49, 239-253	1.8	3
70	Protolytic Equilibria of Glycyl-L-Aspartic Acid in Aqueous Solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2020</b> , 94, 1959-1961	0.7	2
69	Electroplating of zinc and tin alloys with nickel and cobalt from ammonium oxalate electrolytes. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 1272-1278	1.7	0
68	Electroplating and Physicochemical Properties of Zinc-Nickel Alloy Coatings from Ammonium Oxalate Electrolytes. <i>Surface Engineering and Applied Electrochemistry</i> , <b>2020</b> , 56, 427-431	0.8	0
67	Thermodynamics of mixed ligand complex formation of metal(II) iminodiacetates and nitrilotriacetates with dipyriddy and phenanthroline in solution. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 1435-1441	4.1	3
66	New ternary complexes of zinc ions with glycine and histidine in solution. <i>Thermochimica Acta</i> , <b>2019</b> , 680, 178335	2.9	2
65	Electrodeposition of Zn-Ni Coatings from Ammonium Oxalate Bath. <i>Gal'vanotekhnika i Obrabotka Poverhnosti</i> , <b>2019</b> , 27, 4-8	0.2	1
64	Formation and Cathodic Reduction of Taurine Complexes with Zinc and Cobalt(II). <i>Russian Journal of Applied Chemistry</i> , <b>2019</b> , 92, 1244-1250	0.8	1
63	Electrodeposition of Zinc-Nickel Alloys from Ammonium Oxalate Electrolytes. <i>Russian Journal of Electrochemistry</i> , <b>2018</b> , 54, 355-362	1.2	5
62	Formation of Mixed-Ligand Complexes of Metals(II) with Monoamine Complexones and Amino Acids in Solution. <i>Russian Journal of Physical Chemistry A</i> , <b>2018</b> , 92, 909-917	0.7	

61	Mixed-Ligand Complexation of Zinc and Cobalt(II) Complexonates with Amino Acids in an Aqueous Solution. <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 180-190	1.5	1
60	Thermodynamics of the Stepwise Dissociation of N-Methyliminodiacetic Acid. <i>Russian Journal of Physical Chemistry A</i> , <b>2018</b> , 92, 2435-2439	0.7	
59	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> , <b>2017</b> , 87, 655-662	0.7	1
58	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> , <b>2017</b> , 91, 2061-2063	0.7	1
57	Electroplating of zinc-cobalt alloys from oxalate electrolytes. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2017</b> , 53, 483-487	0.9	6
56	Effect of Surfactants on Electrodeposition of the Sn-Ni Alloy from Oxalate Solutions. <i>Russian Journal of Electrochemistry</i> , <b>2017</b> , 53, 1274-1280	1.2	4
55	Thermodynamic Parameters of the Complex Formation of Copper(II) Ions with L-Serine and L-Homoserine. <i>Russian Journal of General Chemistry</i> , <b>2017</b> , 87, 2846-2851	0.7	2
54	Electrodeposition of tin-nickel alloys from oxalate-sulfate and fluoride-hydroxide electrolytes. <i>Surface Engineering and Applied Electrochemistry</i> , <b>2016</b> , 52, 152-156	0.8	6
53	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> , <b>2016</b> , 61, 909-917	1.5	4
52	Complex formation of magnesium and calcium ions with trimethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of General Chemistry</i> , <b>2016</b> , 86, 1069-1072	0.7	1
51	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> , <b>2016</b> , 124, 1003-1011	4.1	5
50	Mixed ligand complexes of copper(II) iminodiacetate with di- and tripeptides in solution. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 3424-3435	1.6	1
49	Thermodynamic characteristics of the formation of complexes of nickel(II) with L-homoserine. <i>Russian Journal of Physical Chemistry A</i> , <b>2016</b> , 90, 2499-2501	0.7	2
48	Thermodynamic characteristics of protolytic equilibria in aqueous solutions of glycyl peptides. <i>Russian Journal of Physical Chemistry A</i> , <b>2016</b> , 90, 2170-2176	0.7	6
47	Thermodynamic characteristics of the acid-base equilibria of taurine in aqueous solutions, according to calorimetry data. <i>Russian Journal of Physical Chemistry A</i> , <b>2015</b> , 89, 341-343	0.7	3
46	Thermodynamic parameters of protolytic equilibria of selected dipeptides in aqueous solutions. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 810-815	0.7	8
45	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> , <b>2015</b> , 60, 383-386	1.5	1
44	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> , <b>2015</b> , 60, 1163-1167	1.5	3

43	Enthalpies and constants of dissociation for D,L-Alanyl-D,L-Serine at 298 K. <i>Russian Journal of Physical Chemistry A</i> , <b>2015</b> , 89, 1-4	0.7	6
42	Thermodynamics of mixed-ligand complex formation of zinc nitrilotriacetate with amino acids and dipeptides in solution. <i>Thermochimica Acta</i> , <b>2014</b> , 594, 50-57	2.9	3
41	Potentiometric determination of the ionization constants of ethylenediamine-N,N'-diglutamic acid at 298.15 K. <i>Russian Journal of Physical Chemistry A</i> , <b>2014</b> , 88, 1813-1816	0.7	4
40	Thermodynamic characteristics of the protolytic equilibria of tetramethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of Physical Chemistry A</i> , <b>2014</b> , 88, 573-577	0.7	1
39	Enthalpies of dissolution of NaVO <sub>3</sub> · 2H <sub>2</sub> O in aqueous chloric acid and the standard formation enthalpy of the VO <sup>2+</sup> ion. <i>Russian Journal of Physical Chemistry A</i> , <b>2013</b> , 87, 699-701	0.7	
38	Thermodynamic characteristics of protolytic equilibria of L-valyl-L-valine in aqueous solution. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 1315-1317	0.7	5
37	Thermodynamics of the complexation between the Cu <sup>2+</sup> ion and L-aspartic acid in aqueous solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2012</b> , 38, 501-505	1.6	2
36	Effect of background electrolyte concentration on the heat effects in the processes of formation of L-asparagine complexes with Cu <sup>2+</sup> ions in aqueous solution. <i>Russian Journal of General Chemistry</i> , <b>2012</b> , 82, 417-421	0.7	1
35	Enthalpies of solution and standard enthalpy of formation of crystalline NaVO <sub>3</sub> · 2H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 1491-1493	1.5	2
34	The enthalpies and dissociation constants of L-homoserine in aqueous solutions of KNO <sub>3</sub> . <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 234-237	0.7	2
33	Thermodynamic characteristics of protolytic equilibria of hexamethylenediamine-N,N,N',N'-tetraacetic acid. <i>Russian Journal of Physical Chemistry A</i> , <b>2011</b> , 85, 706-709	0.7	2
32	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> , <b>2011</b> , 85, 2038-2040	0.7	1
31	The enthalpies of solution of VOCl <sub>3</sub> in dilute solutions of sodium hydroxide and the standard enthalpy of formation of liquid VOCl <sub>3</sub> . <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 143-145	0.7	4
30	Thermochemical study of processes of complex formation of Cu <sup>2+</sup> ions with L-glutamine in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2010</b> , 84, 1856-1861	0.7	2
29	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> , <b>2010</b> , 84, 1997-1999	0.7	1
28	Thermodynamics of L-valine complex formation with Cu <sup>2+</sup> ions in an aqueous solution. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 693-696	1.6	3
27	Thermodynamic characteristics of protolytic equilibria of ethylenediamine-N,N'-diacetic-N,N'-dipropionic acid. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 395-401	0.7	3
26	Thermodynamic characteristics of formation reactions of the vanadium(V) malonate complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 479-481	1.6	

25	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> , <b>2009</b> , 83, 41-44 <sup>0.7</sup>	4
24	The heats of interaction of L-glutamine and L-glutamic acid with KOH and HNO <sub>3</sub> in aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2009</b> , 83, 138-142	0.7 4
23	The thermodynamic characteristics of complex formation between Cd <sup>2+</sup> and ethylenediamine-N,N?-disuccinic acid in aqueous solution. <i>Russian Journal of Physical Chemistry A</i> , <b>2009</b> , 83, 926-929	0.7 1
22	Solution and formation enthalpies of L-glutamine in water and KOH aqueous solutions. <i>Russian Journal of Physical Chemistry A</i> , <b>2009</b> , 83, 1810-1812	0.7 1
21	Thermodynamic characteristics of protolytic equilibria of trimethylenediamine-N,N,N?,N?-tetraacetic acid. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 372-375 <sup>0.7</sup>	2
20	Thermodynamic characteristics of protolytic equilibria of D,L-alanyl-D,L-leucine in aqueous solution. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 429-431	0.7 5
19	Thermodynamics of nickel(II) complexing with trimethylenediamine-N,N,N?,N?-tetraacetic acid. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 557-559	1.5 1
18	Protolytic equilibria of N-(Hydroxyethyl)ethylenediamine-N,N?,N?-triacetic acid. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 1672-1676	1.5 3
17	The thermodynamic characteristics of step dissociation of trimethylenediamino-N,N,N?,N?-tetraacetic acid. <i>Russian Journal of Physical Chemistry A</i> , <b>2008</b> , 82, 41-44 <sup>0.7</sup>	3
16	The thermal effects of acid-base interactions in aqueous solutions of D,L-Alanyl-glycine. <i>Russian Journal of Physical Chemistry A</i> , <b>2007</b> , 81, 1941-1944	0.7 6
15	Enthalpy of solution of VOCl <sub>3</sub> in dilute sodium hydroxide solutions and the standard enthalpy of formation of the HVO <sup>2+</sup> ion. <i>Russian Journal of Physical Chemistry A</i> , <b>2007</b> , 81, 2096-2098	0.7
14	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> , <b>2007</b> , 62, 522-525	1.1 3
13	Thermodynamic characteristics of protolytic equilibria of Alanylglycine in aqueous solution. <i>Russian Journal of General Chemistry</i> , <b>2007</b> , 77, 1037-1039	0.7 6
12	Enthalpy changes in protolytic equilibria of glycyL-Alanine in an aqueous solution. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2007</b> , 90, 607-609	4.1 13
11	Enthalpy changes in formation reactions of zinc and cadmium trimethylenediaminetetraacetates. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2007</b> , 90, 951-954	4.1 3
10	Thermodynamics of cobalt(II) complexation with trimethylenediamine-N,N,N?,N?-tetraethanoic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2006</b> , 32, 765-769	1.6 3
9	Complex formation of zinc, cadmium and manganese(II) with 2-hydroxypropylene-1,3-diamine-N,N,N?,N?-tetraacetic acid. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 570-573	0.7
8	The thermodynamic characteristics of complex formation between vanadium(V) and malonic acid. <i>Russian Journal of Physical Chemistry A</i> , <b>2006</b> , 80, 566-569	0.7

7	Stabilities of Scandium(III)- and Yttrium(III)-Tiron Chelates and their hydrolytic behavior. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2005</b> , 31, 58-64	1.6	3
6	Magnesium and Calcium Complexation with 2-Hydroxypropylene-1,3-Diamine-N,N,N',N'-Tetraacetic Acid. <i>Russian Journal of General Chemistry</i> , <b>2005</b> , 75, 342-344	0.7	1
5	Stability Constants of Manganese(II) Alkylenediaminetetraacetates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 781-785	1.6	4
4	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> , <b>2003</b> , 73, 947-950	0.7	1
3	Stability Constants of Cu(II) Hydroxypropylenediaminetetraacetates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2003</b> , 29, 868-870	1.6	10
2	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> , <b>2003</b> , 58, 47-50	1.1	1
1	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> , <b>2002</b> , 28, 117-121	1.6	5