

Silvio Sammartano

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.

289
papers

5,762
citations

36
h-index

50
g-index

292
ext. papers

6,120
ext. citations

3.9
avg, IF

5.53
L-index

#	Paper	IF	Citations
289	Risedronate complexes with Mg ²⁺ , Zn ²⁺ , Pb ²⁺ , and Cu ²⁺ : Species thermodynamics and sequestering ability in NaCl(aq) at different ionic strengths and at T = 298.15 K. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117699	6	1
288	Iron Coordination Properties of Gramibactin as Model for the New Class of Diazeniumdiolate Based Siderophores. <i>Chemistry - A European Journal</i> , 2021 , 27, 2724-2733	4.8	4
287	Thermodynamic Behavior of Polyalcohols and Speciation Studies in the Presence of Divalent Metal Cations. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 2805-2812	2.8	1
286	Understanding the Solution Behavior of Epinephrine in the Presence of Toxic Cations: A Thermodynamic Investigation in Different Experimental Conditions. <i>Molecules</i> , 2020 , 25,	4.8	1
285	Interaction of N-acetyl-L-cysteine with Na, Ca, Mg and Zn. Thermodynamic aspects, chemical speciation and sequestering ability in natural fluids. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114164	6	3
284	Thermodynamic Study on the Protonation and Complexation of the Neuroleptic Drug, Gabapentin with Na ⁺ , Ca ²⁺ and Mg ²⁺ at Various Temperatures and Ionic Strengths. <i>Journal of Solution Chemistry</i> , 2020 , 49, 1225-1236	1.8	0
283	Complexation of environmentally and biologically relevant metals with bifunctional 3-hydroxy-4-pyridinones. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114349	6	1
282	Nature as Resource. Thermodynamic characterization of natural and synthetic polymers and their sequestering ability towards some bivalent metal cations. <i>Journal of Chemical Thermodynamics</i> , 2020 , 150, 106205	2.9	
281	Thermodynamic Study on the Interaction of Nicotinic Acid with H ⁺ , Na ⁺ , Ca ²⁺ and Mg ²⁺ at Different Temperatures and Ionic Strengths. <i>Journal of Solution Chemistry</i> , 2019 , 48, 1671-1684	1.8	3
280	Prediction of water solubility and Setschenow coefficients by tree-based regression strategies. <i>Journal of Molecular Liquids</i> , 2019 , 282, 401-406	6	4
279	Thermodynamic study on levulinic acid in NaCl, (C ₂ H ₅) ₄ NI and mixed MgCl ₂ /NaCl and CaCl ₂ /NaCl aqueous solutions at T = 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2019 , 139, 105870	2.9	1
278	Phosphonic Derivatives of Nitrilotriacetic Acid as Sequestering Agents for Ca ²⁺ in Aqueous Solution: A Speciation Study for Application in Natural Waters. <i>ACS Earth and Space Chemistry</i> , 2019 , 3, 1942-1954	3.2	7
277	A new bis-(3-hydroxy-4-pyridinone)-DTPA-derivative: Synthesis, complexation of di-/tri-valent metal cations and in vivo M ³⁺ sequestering ability. <i>Journal of Molecular Liquids</i> , 2019 , 281, 280-294	6	4
276	Speciation Studies of Bifunctional 3-Hydroxy-4-Pyridinone Ligands in the Presence of Zn at Different Ionic Strengths and Temperatures. <i>Molecules</i> , 2019 , 24,	4.8	1
275	Thermodynamic Study on the Interaction of Ampicillin and Amoxicillin with Ca ²⁺ in Aqueous Solution at Different Ionic Strengths and Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 800-809	2.8	8
274	Thermodynamic study on polyaspartic acid biopolymer in solution and prediction of its chemical speciation and bioavailability in natural fluids. <i>Journal of Molecular Liquids</i> , 2019 , 274, 68-76	6	4
273	Characterization of the thermodynamic properties of some benzenepolycarboxylic acids: Acid-base properties, weak complexes, total and neutral species solubility, solubility products in NaCl(aq), (CH ₃) ₄ NCl(aq) and Synthetic Sea Water (SSW). <i>Fluid Phase Equilibria</i> , 2019 , 480, 41-52	2.5	1

272	Phytate-molybdate(VI) interactions in NaCl(aq) at different ionic strengths: unusual behaviour of the protonated species. <i>New Journal of Chemistry</i> , 2018 , 42, 7671-7679	3.6	2
271	A novel thermodynamic approach for the complexation study of toxic metal cations by a landfill leachate. <i>New Journal of Chemistry</i> , 2018 , 42, 7640-7648	3.6	4
270	Solubility, acid-base properties and thermodynamics of interaction between three NTA-phosphonate derivatives and the main cationic components (H ⁺ , Na ⁺ , Mg ²⁺ and Ca ²⁺) of natural fluids. <i>Journal of Chemical Thermodynamics</i> , 2018 , 123, 117-127	2.9	5
269	Thermodynamic study on 8-hydroxyquinoline-2-carboxylic acid as a chelating agent for iron found in the gut of Noctuid larvae. <i>New Journal of Chemistry</i> , 2018 , 42, 8062-8073	3.6	3
268	Sequestration of HEDPA, NTA and phosphonic NTA derivatives towards Al ³⁺ in aqueous solution. <i>Journal of Molecular Liquids</i> , 2018 , 261, 96-106	6	9
267	Thermodynamic Study on the Protonation and Na ⁺ , Ca ²⁺ , Mg ²⁺ -Complexation of a Biodegradable Chelant (HEIDA) at Different Ionic Strengths and Temperatures. <i>Journal of Solution Chemistry</i> , 2018 , 47, 528-543	1.8	1
266	Study of Al interaction with AMP, ADP and ATP in aqueous solution. <i>Biophysical Chemistry</i> , 2018 , 234, 42-50	3.5	17
265	Bifunctional 3-hydroxy-4-pyridinones as effective aluminium chelators: synthesis, solution equilibrium studies and in vivo evaluation. <i>Journal of Inorganic Biochemistry</i> , 2018 , 186, 116-129	4.2	7
264	A critical approach to the toxic metal ion removal by hazelnut and almond shells. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 4238-4253	5.1	13
263	Modeling solubility and acid-base properties of some polar side chain amino acids in NaCl and (CH ₃) ₄ NCl aqueous solutions at different ionic strengths and temperatures. <i>Fluid Phase Equilibria</i> , 2018 , 459, 51-64	2.5	13
262	Complexation of Molybdenum(VI) with GLDA at Different Ionic Strengths. <i>Journal of Solution Chemistry</i> , 2018 , 47, 1965-1979	1.8	0
261	New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca ²⁺ , Cu ²⁺ , Zn ²⁺ , Al ³⁺ , Fe ³⁺ and biological assays. <i>Journal of Molecular Liquids</i> , 2018 , 272, 609-624	6	6
260	Use of Gantrez Copolymers as Potential Chelating Agent for the Selective Sequestration of Metal Ions. Studies of the Interactions in Aqueous Solution at Different Ionic Strengths and Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 4193-4204	2.8	2
259	Exploring various ligand classes for the efficient sequestration of stannous cations in the environment. <i>Science of the Total Environment</i> , 2018 , 643, 704-714	10.2	2
258	Potentiometric, UV and H NMR study on the interaction of penicillin derivatives with Zn(II) in aqueous solution. <i>Biophysical Chemistry</i> , 2017 , 223, 1-10	3.5	11
257	Thermodynamic and spectroscopic study on Al ³⁺ -polycarboxylate interaction in aqueous solution. <i>Journal of Molecular Liquids</i> , 2017 , 232, 45-54	6	15
256	Thermodynamic Parameters for the Interaction of Amoxicillin and Ampicillin with Magnesium in NaCl Aqueous Solution, at Different Ionic Strengths and Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1018-1027	2.8	6
255	On the complexation of metal cations with pure diethylenetriamine-N,N,N',N',N''-pentakis(methylenephosphonic) acid. <i>New Journal of Chemistry</i> , 2017 , 41, 4065-4075	3.6	12

254	Thermodynamic solution properties of a biodegradable chelant (MGDA) and its interaction with the major constituents of natural fluids. <i>Fluid Phase Equilibria</i> , 2017 , 434, 63-73	2.5	11
253	Understanding the bioavailability and sequestration of different metal cations in the presence of a biodegradable chelant MGDA in biological fluids and natural waters. <i>Chemosphere</i> , 2017 , 183, 107-118	8.4	5
252	Thermodynamic Properties of O-Donor Polyelectrolytes: Determination of the AcidBase and Complexing Parameters in Different Ionic Media at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2676-2688	2.8	7
251	Potentiometric, UV and H NMR study on the interaction of Cu with ampicillin and amoxicillin in aqueous solution. <i>Biophysical Chemistry</i> , 2017 , 224, 59-66	3.5	9
250	Modeling the acid-base properties of molybdate(VI) in different ionic media, ionic strengths and temperatures, by EDH, SIT and Pitzer equations. <i>Journal of Molecular Liquids</i> , 2017 , 229, 15-26	6	12
249	Thermodynamic and spectroscopic study of Al interaction with glycine, l-cysteine and tranexamic acid in aqueous solution. <i>Biophysical Chemistry</i> , 2017 , 230, 10-19	3.5	6
248	Sequestration of Aluminium(III) by different natural and synthetic organic and inorganic ligands in aqueous solution. <i>Chemosphere</i> , 2017 , 186, 535-545	8.4	17
247	Thermodynamics (Solubility and Protonation Constants) of Risedronic Acid in Different Media and Temperatures (283.15-318.15 K). <i>Journal of Solution Chemistry</i> , 2017 , 46, 1903-1927	1.8	5
246	Sequestering Ability of Oligophosphate Ligands toward Al ³⁺ in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 3981-3990	2.8	31
245	Polycarboxylic acids in sea water: acidBase properties, solubilities, activity coefficients, and complex formation constants at different salinities. <i>Monatshefte Für Chemie</i> , 2016 , 147, 1481-1505	1.4	1
244	AcidBase and Thermodynamic Properties of d-Gluconic Acid and Its Interaction with Sn ²⁺ and Zn ²⁺ . <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2040-2051	2.8	5
243	Thermodynamics of Proton Binding of Halloysite Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7849-7859	3.8	43
242	Understanding the bioavailability and sequestration of different metal cations in the presence of a biodegradable chelant S,S-EDDS in biological fluids and natural waters. <i>Chemosphere</i> , 2016 , 150, 341-356	8.4	16
241	Alkali Metal Ion Complexes with Phosphates, Nucleotides, Amino Acids, and Related Ligands of Biological Relevance. Their Properties in Solution. <i>Metal Ions in Life Sciences</i> , 2016 , 16, 133-66	2.6	15
240	Thermodynamic Study on the Protonation and Complexation of GLDA with Ca ²⁺ and Mg ²⁺ at Different Ionic Strengths and Ionic Media at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1895-1903	2.8	8
239	Thermodynamics of Al ³⁺ -thiocarboxylate interaction in aqueous solution. <i>Journal of Molecular Liquids</i> , 2016 , 222, 614-621	6	22
238	Modeling solubility and acid-base properties of some amino acids in aqueous NaCl and (CH ₃) ₄ NCl aqueous solutions at different ionic strengths and temperatures. <i>SpringerPlus</i> , 2016 , 5, 928		10
237	Zinc(II) complexes with hydroxocarboxylates and mixed metal species with tin(II) in different salts aqueous solutions at different ionic strengths: formation, stability, and weak interactions with supporting electrolytes. <i>Monatshefte Für Chemie</i> , 2015 , 146, 527-540	1.4	14

236	On the interaction of phytate with proton and monocharged inorganic cations in different ionic media, and modeling of acid-base properties at low ionic strength. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 51-58	2.9	8
235	Thermodynamic Data for the Modeling of Lanthanoid(III) Sequestration by Reduced Glutathione in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 192-201	2.8	6
234	Modelling the Hydrolysis of Mixed Mono-, Di- and Trimethyltin(IV) Complexes in Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2015 , 44, 1611-1625	1.8	1
233	SALMO and S3M: A Saliva Model and a Single Saliva Salt Model for Equilibrium Studies. <i>Bioinorganic Chemistry and Applications</i> , 2015 , 2015, 267985	4.2	8
232	Thermodynamics of Zn ²⁺ 2-mercaptopyridine-N-oxide and 2-hydroxypyridine-N-oxide interactions: Stability, solubility, activity coefficients and medium effects. <i>Journal of Molecular Liquids</i> , 2015 , 211, 876-884	6	3
231	Solubility, protonation and activity coefficients of some aminobenzoic acids in NaCl _{aq} and (CH ₃) ₄ NCl _{aq} , at different salt concentrations, at T = 298.15 K. <i>Journal of Molecular Liquids</i> , 2015 , 212, 825-832	6	13
230	AcidBase and UV behavior of 3-(3,4-dihydroxyphenyl)-propenoic acid (caffeic acid) and complexing ability towards different divalent metal cations in aqueous solution. <i>Journal of Molecular Liquids</i> , 2014 , 195, 9-16	6	24
229	Evaluation of the sequestering ability of different complexones towards Ag ⁺ ion. <i>Journal of Molecular Liquids</i> , 2014 , 199, 432-439	6	6
228	Some Thermodynamic Properties of Aqueous 2-Mercaptopyridine-N-Oxide (Pyrithione) Solutions. <i>Journal of Solution Chemistry</i> , 2014 , 43, 1093-1109	1.8	4
227	AcidBase Properties and Alkali and Alkaline Earth Metal Complex Formation in Aqueous Solution of Diethylenetriamine-N,N,N',N',N'-pentakis(methylenephosphonic acid) Obtained by an Efficient Synthetic Procedure. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 9544-9553	3.9	22
226	Sequestering Ability of Aminopolycarboxylic (APCs) and Aminopolyphosphonic (APPs) Ligands Toward Palladium(II) in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 1970-1983	2.8	6
225	Thermodynamics for Proton Binding of Pyridine in Different Ionic Media at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 143-156	2.8	12
224	Thermodynamics of proton binding and weak (Cl ⁻ Na ⁺ and K ⁺) species formation, and activity coefficients of 1,2-dimethyl-3-hydroxypyridin-4-one (deferiprone). <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 98-106	2.9	26
223	Composition, Distribution, and Sources of Polycyclic Aromatic Hydrocarbons in Sediments of the Gulf of Milazzo (Mediterranean Sea, Italy). <i>Polycyclic Aromatic Compounds</i> , 2014 , 34, 397-424	1.3	18
222	The effect of the tetraalkylammonium salts on the protonation thermodynamics of the phytate anion. <i>Fluid Phase Equilibria</i> , 2014 , 383, 126-133	2.5	8
221	Formation, stability and empirical relationships for the binding of Sn ²⁺ by O-, N- and S-donor ligands. <i>Journal of Molecular Liquids</i> , 2014 , 200, 329-339	6	13
220	Chelating agents for the sequestration of mercury(II) and monomethyl mercury(II). <i>Current Medicinal Chemistry</i> , 2014 , 21, 3819-36	4.3	52
219	Sequestration of alkyltin(IV) cations by complexation with amino-polycarboxylic chelating agents. <i>Journal of Molecular Liquids</i> , 2013 , 187, 74-82	6	3

218	Thermodynamic properties of melamine (2,4,6-triamino-1,3,5-triazine) in aqueous solution. Effect of ionic medium, ionic strength and temperature on the solubility and acid-base properties. <i>Fluid Phase Equilibria</i> , 2013 , 355, 104-113	2.5	20
217	Speciation of tin(II) in aqueous solution: thermodynamic and spectroscopic study of simple and mixed hydroxocarboxylate complexes. <i>Monatshefte Für Chemie</i> , 2013 , 144, 761-772	1.4	21
216	Thermodynamic study of the non covalent interactions of phytate with xanthine derivatives and histamine in aqueous solution. <i>Journal of Molecular Liquids</i> , 2013 , 178, 37-43	6	6
215	Thermodynamic study on the protonation of glycine in different (water+1-butyl-3-methylimidazolium tetrafluoroborate) mixed solvents and ionic strengths. <i>Journal of Chemical Thermodynamics</i> , 2013 , 67, 163-169	2.9	3
214	Acid-Base Properties, Solubility, Activity Coefficients and Na ⁺ Ion Pair Formation of Complexons in NaCl(aq) at Different Ionic Strengths. <i>Journal of Solution Chemistry</i> , 2013 , 42, 1452-1471	1.8	24
213	Thermodynamics of HEDPA protonation in different media and complex formation with Mg ²⁺ and Ca ²⁺ . <i>Journal of Chemical Thermodynamics</i> , 2013 , 66, 151-160	2.9	26
212	Thermodynamics for proton binding of phytate in KNO ₃ (aq) at different temperatures and ionic strengths. <i>Thermochimica Acta</i> , 2013 , 566, 193-202	2.9	6
211	Enhancement of Hydrolysis through the Formation of Mixed Heterometal Species: Al ³⁺ /CH ₃ Sn ³⁺ Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 821-826	2.8	5
210	Speciation of cadmium in the environment. <i>Metal Ions in Life Sciences</i> , 2013 , 11, 63-83	2.6	12
209	Quantitative study on the interaction of Sn ²⁺ and Zn ²⁺ with some phosphate ligands, in aqueous solution at different ionic strengths. <i>Journal of Molecular Liquids</i> , 2012 , 165, 143-153	6	22
208	Protonation thermodynamics of some aminophenol derivatives in NaCl(aq) (0.1-3 mol kg ⁻¹) at T = 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2012 , 44, 154-162	2.9	8
207	Thermodynamics of binary and ternary interactions in the tin(II)/phytate system in aqueous solutions, in the presence of Cl ⁻ . <i>Journal of Chemical Thermodynamics</i> , 2012 , 51, 88-96	2.9	21
206	Binding Ability of Sodium Catechol Disulfonate (Tiron) toward Hg ²⁺ , CH ₃ Hg ⁺ , (CH ₃) ₃ Sn ⁺ , and (CH ₃) ₂ Sn ²⁺ Cations. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3636-3643	2.8	5
205	Quantitative Study of the Interaction between ATP and Aromatic Amines in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2012 , 41, 1240-1253	1.8	3
204	Protonation Constants, Activity Coefficients, and Chloride Ion Pair Formation of Some Aromatic Amino-Compounds in NaCl(aq) (0.1-3 mol kg ⁻¹) at T = 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1851-1859	2.8	11
203	Interaction of Phytate with Ag ⁺ , CH ₃ Hg ⁺ , Mn ²⁺ , Fe ²⁺ , Co ²⁺ , and VO ₂ ⁺ : Stability Constants and Sequestering Ability. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 2838-2847	2.8	17
202	The inorganic speciation of tin(II) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 87, 1-20	5.5	49
201	Modeling solubility, acid-base properties and activity coefficients of amoxicillin, ampicillin and (+)-6-aminopenicillanic acid, in NaCl(aq) at different ionic strengths and temperatures. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 661-77	5.1	27

200	Sequestering ability of phytate toward biologically and environmentally relevant trivalent metal cations. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8075-82	5.7	38
199	Modeling the acid-base properties of glutathione in different ionic media, with particular reference to natural waters and biological fluids. <i>Amino Acids</i> , 2012 , 43, 629-48	3.5	38
198	Aqueous solution chemistry of alkyltin(IV) compounds for speciation studies in biological fluids and natural waters. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 222-239	23.2	75
197	Advances in the investigation of dioxouranium(VI) complexes of interest for natural fluids. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 63-81	23.2	69
196	Some thermodynamic properties of dl-Tyrosine and dl-Tryptophan. Effect of the ionic medium, ionic strength and temperature on the solubility and acidBase properties. <i>Fluid Phase Equilibria</i> , 2012 , 314, 185-197	2.5	23
195	Potentiometric and spectrophotometric characterization of the UO ₂ ²⁺ -citrate complexes in aqueous solution, at different concentrations, ionic strengths and supporting electrolytes. <i>Radiochimica Acta</i> , 2012 , 100, 13-28	1.9	17
194	Palladium(II) Complexes of Aminopolycarboxylic Ligands in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4759-4771	2.8	9
193	Sequestration of Hg ²⁺ by Some Biologically Important Thiols. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4741-4750	2.8	36
192	Potentiometric, Calorimetric, and ¹ H NMR Investigation on Hg ²⁺ -Mercaptocarboxylate Interaction in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1995-2004	2.8	23
191	Quantitative study on the non-covalent interactions between ATP and caffeine, theophylline and theobromine in aqueous solution. <i>Fluid Phase Equilibria</i> , 2011 , 308, 47-54	2.5	11
190	Hydrolysis of Monomethyl-, Dimethyl-, and Trimethyltin(IV) Cations in Fairly Concentrated Aqueous Solutions at I= 1 mol L ⁻¹ (NaNO ₃) and T= 298.15 K. Evidence for the Predominance of Polynuclear Species. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1108-1115	2.8	10
189	Uranium(VI) sequestration by polyacrylic and fulvic acids in aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011 , 289, 689-697	1.5	11
188	Methylmercury(II)-sulfur containing ligand interactions: a potentiometric, calorimetric and ¹ H-NMR study in aqueous solution. <i>New Journal of Chemistry</i> , 2011 , 35, 800	3.6	26
187	Total and Specific Solubility and Activity Coefficients of Neutral Species of (CH ₂) ₂ Ni(CH ₂ COOH) _i +2 Complexons in Aqueous NaCl Solutions at Different Ionic Strengths, (0 ≤ I ≤ 1 mol L ⁻¹), and 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 437-443	2.8	23
186	Solubility, activity coefficients and acidBase properties of three naphthol derivatives in NaCl(aq) at different ionic strengths and at T=298.15K. <i>Journal of Molecular Liquids</i> , 2011 , 158, 50-56	6	13
185	AcidBase and UV properties of some aminophenol ligands and their complexing ability towards Zn ²⁺ in aqueous solution. <i>Journal of Molecular Liquids</i> , 2011 , 159, 146-151	6	26
184	Experimental study and modelling of inorganic Cd ²⁺ speciation in natural waters. <i>Environmental Chemistry</i> , 2011 , 8, 320	3.2	15
183	Palladium(II) sequestration by phytate in aqueous solution - speciation analysis and ionic medium effects. <i>Environmental Chemistry</i> , 2010 , 7, 259	3.2	15

182	Electrochemical Study on the Stability of Phytate Complexes with Cu ²⁺ , Pb ²⁺ , Zn ²⁺ , and Ni ²⁺ : A Comparison of Different Techniques <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4757-4767	2.8	36
181	Interactions of Dioxouranium(VI) with Polyamines in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3044-3050	2.8	5
180	On the Complexation of Cu(II) and Cd(II) With Polycarboxyl Ligands. Potentiometric Studies With ISE-H ⁺ , ISE-Cu ²⁺ , and ISE-Cd ²⁺ . <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 714-722	2.8	14
179	Ionic Strength Dependence of Protonation Constants of Carboxylate Ions in NaCl _{aq} (0 ≤ I ≤ 5.6 mol/kg) and KCl _{aq} (0 ≤ I ≤ 4.5 mol/kg): Specific Ion Interaction Theory and Pitzer Parameters and the Correlation between Them. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 904-911	2.8	23
178	Speciation of chitosan-phosphate and chitosan-nucleotide systems in NaCl aqueous solution. <i>Chemical Speciation and Bioavailability</i> , 2010 , 22, 99-107		5
177	Dissociation Constants of Protonated Oxidized Glutathione in Seawater Media at Different Salinities. <i>Aquatic Geochemistry</i> , 2010 , 16, 447-466	1.7	12
176	Thermodynamic data for lanthanoid(III) sequestration by phytate at different temperatures. <i>Monatshefte für Chemie</i> , 2010 , 141, 511-520	1.4	14
175	Formation and Stability of Cadmium(II)/Phytate Complexes by Different Electrochemical Techniques. Critical Analysis of Results. <i>Journal of Solution Chemistry</i> , 2010 , 39, 179-195	1.8	27
174	Solubility and acid-base properties of concentrated phytate in self-medium and in NaCl _{aq} at T = 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2010 , 42, 1393-1399	2.9	26
173	Sequestration of some biogenic amines and poly(allyl)amine by high molecular weight polycarboxylic ligands in aqueous solution. <i>Journal of Molecular Liquids</i> , 2010 , 151, 138-144	6	5
172	Activity coefficients, acid-base properties and weak Na ⁺ ion pair formation of some resorcinol derivatives. <i>Fluid Phase Equilibria</i> , 2010 , 292, 71-79	2.5	24
171	Speciation of chitosan with low and high molecular weight carboxylates in aqueous solution. <i>Chemical Speciation and Bioavailability</i> , 2009 , 21, 81-91		5
170	Interaction of Inorganic Mercury(II) with Polyamines, Polycarboxylates, and Amino Acids. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 893-903	2.8	32
169	Sequestration of Alkyltin(IV) compounds in aqueous solution: formation, stability, and empirical relationships for the binding of dimethyltin(IV) cation by N- and O-donor ligands. <i>Bioinorganic Chemistry and Applications</i> , 2009 , 219818	4.2	10
168	Speciation of Phytate Ion in Aqueous Solution. Thermodynamic Parameters for Zinc(II) Sequestration at Different Ionic Strengths and Temperatures. <i>Journal of Solution Chemistry</i> , 2009 , 38, 115-134	1.8	27
167	Thermodynamic Protonation Parameters of some Sulfur-Containing Anions in NaCl _{aq} and (CH ₃) ₄ NCl _{aq} at t=25 °C. <i>Journal of Solution Chemistry</i> , 2009 , 38, 1225-1245	1.8	25
166	Sequestering Ability of Dicarboxylic Ligands Towards Dioxouranium(VI) in NaCl and KNO ₃ Aqueous Solutions at T=298.15 K. <i>Journal of Solution Chemistry</i> , 2009 , 38, 1343-1356	1.8	12
165	Binding of benzene-1,2,3,4,5,6-hexacarboxylate by polyammonium cations. <i>Polyhedron</i> , 2009 , 28, 2703-2709		2

164	Acid-Base Properties of Synthetic and Natural Polyelectrolytes: Experimental Results and Models for the Dependence on Different Aqueous Media. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 589-605	2.8	38
163	Mixing Effects on the Protonation of Polycarboxylates. Protonation of Benzenehexacarboxylate in LiCl/KCl, NaCl/KCl, NaCl/NaCl, and LiCl/NaCl Aqueous Solutions at $I = 1 \text{ mol L}^{-1}$ and $T = 298.15 \text{ K}$. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2137-2139	2.8	5
162	Medium Effect on the Acid-Base Properties of Branched Polyethylenimine in Different Aqueous Electrolyte Solutions. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 502-510	2.8	6
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21	Studies on hexacyanoferrate(II) complexes. <i>Thermochimica Acta</i> , 1986 , 102, 1-14	2.9	14

20	The calculation of equilibrium concentrations in large multimetal/multiligand systems. <i>Analytica Chimica Acta</i> , 1986 , 191, 385-398	6.6	31
19	Formation and stability of zinc(II) and cadmium(II) citrate complexes in aqueous solution at various temperatures. <i>Talanta</i> , 1986 , 33, 763-7	6.2	38
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17	Complexing ability of pesticides and related compounds. Formation and stability in aqueous solution of H ⁺ , Li ⁺ , Na ⁺ , K ⁺ , Mg ²⁺ and Ca ²⁺ phenoxyacetate complexes at different temperatures and ionic strengths. <i>Thermochimica Acta</i> , 1985 , 95, 15-25	2.9	13
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