

Silvio Sammartano

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289
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292
ext. papers

6,120
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
289	Weak alkali and alkaline earth metal complexes of low molecular weight ligands in aqueous solution. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1093-1107	23.2	149
288	Formation and stability of phytate complexes in solution. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1108-1120	23.2	147
287	On the possibility of determining the thermodynamic parameters for the formation of weak complexes using a simple model for the dependence on ionic strength of activity coefficients: Na ⁺ , K ⁺ , and Ca ²⁺ complexes of low molecular weight ligands in aqueous solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 2007 , 2007, 1227-1233		126
286	Ionic strength dependence of formation constants. Alkali metal complexes of ethylenediaminetetraacetate, nitrilotriacetate, diphosphate, and tripolyphosphate in aqueous solution. <i>Analytical Chemistry</i> , 1985 , 57, 2956-2960	7.8	90
285	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
284	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
283	A new approach in the use of SIT in determining the dependence on ionic strength of activity coefficients. Application to some chloride salts of interest in the speciation of natural fluids. <i>Chemical Speciation and Bioavailability</i> , 2004 , 16, 105-110		64
282	Ionic strength dependence of formation constants-I Protonation constants of organic and inorganic acids. <i>Talanta</i> , 1983 , 30, 81-7	6.2	61
281	Hydrolysis of (CH ₃) ₂ Sn ²⁺ in Different Ionic Media: Salt Effects and Complex Formation. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 511-515	2.8	59
280	Speciation of phytate ion in aqueous solution. Alkali metal complex formation in different ionic media. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 376, 1030-40	4.4	55
279	Polyacrylate Protonation in Various Aqueous Ionic Media at Different Temperatures and Ionic Strengths. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 876-881	2.8	53
278	Solubility and Activity Coefficients of Acidic and Basic Nonelectrolytes in Aqueous Salt Solutions. 2. Solubility and Activity Coefficients of Suberic, Azelaic, and Sebacic Acids in NaCl(aq), (CH ₃) ₄ NCl(aq), and (C ₂ H ₅) ₄ Nl(aq) at Different Ionic Strengths and at t = 25 °C. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1660-1667	2.8	52
277	SIT Parameters for 1:1 Electrolytes and Correlation with Pitzer Coefficients. <i>Journal of Solution Chemistry</i> , 2006 , 35, 1401-1415	1.8	52
276	Chelating agents for the sequestration of mercury(II) and monomethyl mercury(II). <i>Current Medicinal Chemistry</i> , 2014 , 21, 3819-36	4.3	52
275	Protonation of carbonate in aqueous tetraalkylammonium salts at 25 degrees C. <i>Talanta</i> , 2006 , 68, 1102-1107		50
274	The interaction of amino acids with the major constituents of natural waters at different ionic strengths. <i>Marine Chemistry</i> , 2000 , 72, 61-76	3.7	50
273	Ionic strength dependence of formation constants-XVIII. The hydrolysis of iron(III) in aqueous KNO ₃ solutions. <i>Talanta</i> , 1994 , 41, 1577-82	6.2	50

272	The inorganic speciation of tin(II) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 87, 1-20	5.5	49
271	Dependence on Ionic Strength of Protonation Enthalpies of Polycarboxylate Anions in NaCl Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1417-1424	2.8	45
270	Speciation of Phytate Ion in Aqueous Solution. Protonation Constants in Tetraethylammonium Iodide and Sodium Chloride. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 114-119	2.8	44
269	Dependence on Ionic Strength of Polyamine Protonation in NaCl Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1425-1435	2.8	44
268	Thermodynamics of Proton Binding of Halloysite Nanotubes. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7849-7859	3.8	43
267	Copper(II) complexes of N-(phosphonomethyl)glycine in aqueous solution: a thermodynamic and spectrophotometric study. <i>Talanta</i> , 1997 , 45, 425-31	6.2	43
266	Polyacrylates in aqueous solution. The dependence of protonation on molecular weight, ionic medium and ionic strength. <i>Reactive and Functional Polymers</i> , 2003 , 55, 9-20	4.6	43
265	Calcium- and magnesium-EDTA complexes. Stability constants and their dependence on temperature and ionic strength. <i>Thermochimica Acta</i> , 1983 , 61, 129-138	2.9	39
264	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
263	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
262	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
261	Thermodynamic parameters for the binding of inorganic and organic anions by biogenic polyammonium cations. <i>Talanta</i> , 2001 , 54, 1135-52	6.2	38
260	Equilibrium studies in natural fluids: a chemical speciation model for the major constituents of sea water. <i>Chemical Speciation and Bioavailability</i> , 1994 , 6, 65-84		38
259	Salt effects on the protonation of ortho-phosphate between 10 and 50°C in aqueous solution. A complex formation model. <i>Journal of Solution Chemistry</i> , 1991 , 20, 495-515	1.8	38
258	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
257	Solubility and activity coefficients of acidic and basic non-electrolytes in aqueous salt solutions. <i>Fluid Phase Equilibria</i> , 2008 , 263, 43-54	2.5	37
256	Speciation of phytate ion in aqueous solution. Sequestration of magnesium and calcium by phytate at different temperatures and ionic strengths, in NaCl(aq). <i>Biophysical Chemistry</i> , 2006 , 124, 18-26	3.5	37
255	Ion association of Cl ⁻ with Na ⁺ , K ⁺ , Mg ²⁺ and Ca ²⁺ in aqueous solution at 10 ? T ? 45 °C and 0 ? I ? 1 mol l ⁻¹ . <i>Thermochimica Acta</i> , 1987 , 115, 241-248	2.9	37

- 254 Mixed metal complexes in solution. Thermodynamic and spectrophotometric study of copper(II)-citrate heterobinuclear complexes with nickel(II), zinc(II) or cadmium(II) in aqueous solution. *Transition Metal Chemistry*, **1988**, 13, 87-91 2.1 37
- 253 Sequestration of Hg²⁺ by Some Biologically Important Thiols. *Journal of Chemical & Engineering Data*, **2011**, 56, 4741-4750 2.8 36
- 252 Electrochemical Study on the Stability of Phytate Complexes with Cu²⁺, Pb²⁺, Zn²⁺, and Ni²⁺: A Comparison of Different Techniques *Journal of Chemical & Engineering Data*, **2010**, 55, 4757-4767 2.8 36
- 251 Protonation Constants of Ethylenediamine, Diethylenetriamine, and Spermine in NaCl(aq), NaI(aq), (CH₃)₄NCl(aq), and (C₂H₅)₄NI(aq) at Different Ionic Strengths and t = 25 °C. *Journal of Chemical & Engineering Data*, **2005**, 50, 1917-1923 2.8 36
- 250 Speciation of phytate ion in aqueous solution. *Thermochimica Acta*, **2004**, 423, 63-69 2.9 36
- 249 Thermodynamic parameters for the protonation of carboxylic acids in aqueous tetraethylammonium iodide solutions. *Journal of Solution Chemistry*, **1990**, 19, 569-587 1.8 36
- 248 Solubility and Activity Coefficients of Acidic and Basic Nonelectrolytes in Aqueous Salt Solutions. 1. Solubility and Activity Coefficients of o-Phthalic Acid and L-Cystine in NaCl(aq), (CH₃)₄NCl(aq), and (C₂H₅)₄NI(aq) at Different Ionic Strengths and at = 25 °C. *Journal of Chemical & Engineering Data*, **2005**, 50, 1761-1767 2.8 35
- 247 The formation of proton and alkali-metal complexes with ligands of biological interest in aqueous solution. Part I. Potentiometric and calorimetric investigation of H⁺ and Na⁺ complexes with citrate, tartrate and malate. *Thermochimica Acta*, **1980**, 36, 329-342 2.9 35
- 246 The Effect of Different Aqueous Ionic Media on the Acid-Base Properties of Some Open Chain Polyamines. *Journal of Solution Chemistry*, **2008**, 37, 183-201 1.8 34
- 245 Ionic strength dependence of formation constants. Part 4. Potentiometric study of the system Cu²⁺-Ni²⁺-citrate. *Transition Metal Chemistry*, **1984**, 9, 385-390 2.1 34
- 244 Speciation of phytate ion in aqueous solution. Protonation constants and copper(II) interactions in NaNO₃aq at different ionic strengths. *Biophysical Chemistry*, **2007**, 128, 176-84 3.5 33
- 243 Hydrolysis and chemical speciation of dioxouranium(VI) ion in aqueous media simulating the major ion composition of seawater. *Marine Chemistry*, **2004**, 85, 103-124 3.7 33
- 242 Interaction of Inorganic Mercury(II) with Polyamines, Polycarboxylates, and Amino Acids. *Journal of Chemical & Engineering Data*, **2009**, 54, 893-903 2.8 32
- 241 Potentiometric, ¹H NMR and ESI-MS investigation on dimethyltin(IV) cation-mercaptocarboxylate interaction in aqueous solution. *New Journal of Chemistry*, **2009**, 33, 2286 3.6 32
- 240 Modelling of natural and synthetic polyelectrolyte interactions in natural waters by using SIT, Pitzer and Ion Pairing approaches. *Marine Chemistry*, **2006**, 99, 93-105 3.7 32
- 239 Thermodynamic parameters for the formation of glycine complexes with magnesium(II), calcium(II), lead(II), manganese(II), cobalt(II), nickel(II), zinc(II) and cadmium(II) at different temperatures and ionic strengths, with particular reference to natural fluid conditions. *Thermochimica Acta*, **1995**, 255, 109-141 2.9 32
- 238 Speciation of phytate ion in aqueous solution. Sequestering ability toward mercury(II) cation in NaClaq at different ionic strengths. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 1459-66 5.7 31
- 237 Sequestering ability of polyaminopolycarboxylic ligands towards dioxouranium(VI) cation. *Journal of Alloys and Compounds*, **2006**, 424, 93-104 5.7 31

236	The calculation of equilibrium concentrations in large multimetal/multiligand systems. <i>Analytica Chimica Acta</i> , 1986 , 191, 385-398	6.6	31
235	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
234	Dependence on Ionic Strength of the Hydrolysis Constants for Dioxouranium(VI) in NaCl(aq) and NaNO ₃ (aq), at pH <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 533-538	2.8	30
233	Thermodynamics of metal complexes with ligand-ligand interaction, simple and mixed complexes of copper(II) and zinc(II) with adenosine 5'-triphosphate and L-tryptophan or L-alanine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983 , 1271-1278		30
232	Solubility and Acid-Base Properties of Ethylenediaminetetraacetic Acid in Aqueous NaCl Solution at 0 ≤ Γ ≤ 16 mol/kg and T = 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 363-367	2.8	29
231	Quantitative parameters for the sequestering capacity of polyacrylates towards alkaline earth metal ions. <i>Talanta</i> , 2003 , 61, 181-94	6.2	29
230	Enhancement of hydrolysis through the formation of mixed hetero-metal species. <i>Talanta</i> , 2005 , 65, 229-38	6.2	28
229	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
228	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
227	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
226	Modeling ATP protonation and activity coefficients in NaCl(aq) and KCl(aq) by SIT and Pitzer equations. <i>Biophysical Chemistry</i> , 2006 , 121, 121-30	3.5	27
225	Hydrolysis and chemical speciation of (C ₂ H ₅) ₂ Sn ²⁺ , (C ₂ H ₅) ₃ Sn ⁺ and (C ₃ H ₇) ₃ Sn ⁺ in aqueous media simulating the major composition of natural waters. <i>Applied Organometallic Chemistry</i> , 2002 , 16, 34-43	3.1	27
224	Thermodynamics of metal complexes with ligand-ligand interaction. Mixed complexes of copper(II) and zinc(II) with adenosine 5'-triphosphate and L-histidine or histamine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984 , 1651-1658		27
223	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
222	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
221	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
220	Acid-Base 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
219	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

218	Thermodynamic and spectroscopic study for the interaction of dimethyltin(IV) with L-cysteine in aqueous solution. <i>Biophysical Chemistry</i> , 2008 , 133, 19-27	3.5	26
217	Speciation of phytate ion in aqueous solution. Non covalent interactions with biogenic polyamines. <i>Chemical Speciation and Bioavailability</i> , 2003 , 15, 29-36		26
216	Effects of salt on the protonation in aqueous solution of triethylenetetramine and tetraethylenepentamine. <i>Journal of Solution Chemistry</i> , 1993 , 22, 927-940	1.8	26
215	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
214	Binding of polyanions by biogenic amines. I. Formation and stability of protonated putrescine and cadaverine complexes with inorganic anions. <i>Talanta</i> , 1998 , 46, 1085-93	6.2	25
213	Modeling S-carboxymethyl-L-cysteine protonation and activity coefficients in sodium and tetramethylammonium chloride aqueous solutions by SIT and Pitzer equations. <i>Fluid Phase Equilibria</i> , 2007 , 252, 119-129	2.5	25
212	Speciation of phytate ion in aqueous solution. Cadmium(II) interactions in aqueous NaCl at different ionic strengths. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 346-56	4.4	25
211	Ionic Strength Dependence of Protonation Constants of N-Alkyl Substituted Open Chain Diamines in NaCl _{aq} . <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 109-115	2.8	25
210	The single salt approximation for the major components of seawater: association and acid-base properties. <i>Chemical Speciation and Bioavailability</i> , 1998 , 10, 27-30		25
209	Chemical speciation of amino acids in electrolyte solutions containing major components of natural fluids. <i>Chemical Speciation and Bioavailability</i> , 1995 , 7, 1-8		25
208	Acid-base 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
207	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
206	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
205	Thermodynamic and spectroscopic study of the binding of dimethyltin(IV) by citrate at 25 °C. <i>Applied Organometallic Chemistry</i> , 2006 , 20, 425-435	3.1	24
204	Dioxouranium(VI)-carboxylate complexes. A calorimetric and potentiometric investigation of interaction with oxalate at infinite dilution and in NaCl aqueous solution at I=1.0 mol L ⁻¹ and T=25 degrees C. <i>Talanta</i> , 2007 , 71, 948-63	6.2	24
203	Hydrolysis of (CH ₃) ₃ Sn ⁺ in Various Salt Media. <i>Journal of Solution Chemistry</i> , 1999 , 28, 959-972	1.8	24
202	Hydrolysis of methyltin(IV) trichloride in aqueous NaCl and NaNO ₃ solutions at different ionic strengths and temperatures. <i>Applied Organometallic Chemistry</i> , 1999 , 13, 805-811	3.1	24
201	Ionic-strength dependence of formation constants-XII A model for the effect of background on the protonation constants of amines and amino-acids. <i>Talanta</i> , 1989 , 36, 903-7	6.2	24

200	Thermodynamics of metal complexes with ligand-ligand interaction. Mixed complexes of copper(II) and zinc(II) with adenosine 5'-triphosphate and l-phenylalanine or l-tyrosine. <i>Thermochimica Acta</i> , 1984 , 74, 77-86	2.9	24
199	Some thermodynamic properties of dl-Tyrosine and dl-Tryptophan. Effect of the ionic medium, ionic strength and temperature on the solubility and acid-base properties. <i>Fluid Phase Equilibria</i> , 2012 , 314, 185-197	2.5	23
198	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
197	Ionic Strength Dependence of Protonation Constants of Carboxylate Ions in NaCl(aq) (0 ≤ I ≤ 6 mol/kg) and KCl(aq) (0 ≤ I ≤ 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
196	Total and Specific Solubility and Activity Coefficients of Neutral Species of (CH ₂) ₂ Ni(CH ₂ COOH) ₂ Complexons in Aqueous NaCl Solutions at Different Ionic Strengths, (0 ≤ I ≤ 15 mol/L), and 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 437-443	2.8	23
195	Sequestering ability of polycarboxylic ligands towards dioxouranium(VI). <i>Talanta</i> , 2008 , 75, 775-85	6.2	23
194	Solubility and activity coefficients of 2,2'-bipyridyl, 1,10-phenanthroline and 2,2',6',2'-terpyridine in NaCl(aq) at different ionic strengths and T = 298.15 K. <i>Fluid Phase Equilibria</i> , 2008 , 272, 47-52	2.5	23
193	Ionic strength dependence of formation constants-X: proton activity coefficients at various temperatures and ionic strengths and their use in the study of complex equilibria. <i>Talanta</i> , 1987 , 34, 593-8	6.2	23
192	Acid-Base 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
191	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
190	Medium and Alkyl Chain Effects on the Protonation of Dicarboxylates in NaCl(aq) and Et ₄ Ni(aq) at 25°C. <i>Journal of Solution Chemistry</i> , 2004 , 33, 499-528	1.8	22
189	Thermodynamic Parameters for the Protonation of Poly(allylamine) in Concentrated LiCl(aq) and NaCl(aq). <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 658-663	2.8	22
188	Speciation of phytate ion in aqueous solution. Characterisation of Ca-phytate sparingly soluble species. <i>Chemical Speciation and Bioavailability</i> , 2004 , 16, 53-59		22
187	Modelling of proton and metal exchange in the alginate biopolymer. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 383, 587-96	4.4	22
186	Hydrolysis of (CH ₃)Hg ⁺ in Different Ionic Media: Salt Effects and Complex Formation. <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 957-960	2.8	22
185	Thermodynamics of Al ³⁺ -thiocarboxylate interaction in aqueous solution. <i>Journal of Molecular Liquids</i> , 2016 , 222, 614-621	6	22
184	Thermodynamics of binary and ternary interactions in the tin(II)/phytate system in aqueous solutions, in the presence of Cl ⁻ Br ⁻ . <i>Journal of Chemical Thermodynamics</i> , 2012 , 51, 88-96	2.9	21
183	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

182	Modeling the Dependence on Medium and Ionic Strength of Glutathione Acid-Base Behavior in LiCl(aq), NaCl(aq), KCl(aq), RbCl(aq), CsCl(aq), (CH ₃) ₄ NCl(aq), and (C ₂ H ₅) ₄ NCl(aq). <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1028-1036	2.8	21
181	Interaction of methyltin(IV) compounds with carboxylate ligands. Part 1: formation and stability of methyltin(IV)-carboxylate complexes and their relevance in speciation studies of natural waters. <i>Applied Organometallic Chemistry</i> , 2006 , 20, 89-98	3.1	21
180	Speciation of phytate ion in aqueous solution. Dimethyltin(IV) interactions in NaCl(aq) at different ionic strengths. <i>Biophysical Chemistry</i> , 2005 , 116, 111-20	3.5	21
179	Binding of carboxylic ligands by protonated amines. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 4219-4226		21
178	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
177	The dependence on ionic strength of protonation constants of carboxylic acids in aqueous tetraethylammonium iodide solution, at different temperatures. <i>Fluid Phase Equilibria</i> , 1998 , 149, 91-107	2.5	20
176	Mixing effects on the protonation of polyacrylate in LiCl/KCl aqueous solutions at different ionic strengths, I = 1 to 3.5 mol L ⁻¹ , at T = 298.15 K. <i>Journal of Molecular Liquids</i> , 2008 , 143, 129-133	6	20
175	Speciation of organic matter in natural waters-Interaction of polyacrylates and polymethacrylates with major cation components of seawater. <i>Marine Chemistry</i> , 2004 , 86, 33-44	3.7	20
174	Interaction of acrylic-maleic copolymers with H ⁺ , Na ⁺ , Mg ²⁺ and Ca ²⁺ : Thermodynamic parameters and their dependence on medium. <i>Reactive and Functional Polymers</i> , 2005 , 65, 329-342	4.6	20
173	Speciation of polyelectrolytes in natural fluids Protonation and interaction of polymethacrylates with major components of seawater. <i>Talanta</i> , 2002 , 58, 405-17	6.2	20
172	The formation of proton and alkali metal complexes with ligands of biological interest in aqueous solution. Thermodynamics of Li ⁺ , Na ⁺ and K ⁺ -dicarboxylate complex formation. <i>Thermochimica Acta</i> , 1983 , 62, 101-112	2.9	20
171	Formation and stability of mixed Mg ²⁺ /Ca ²⁺ /phytate species in synthetic seawater media: Consequences on ligand speciation. <i>Marine Chemistry</i> , 2008 , 112, 142-148	3.7	19
170	Speciation of organotin compounds in NaCl aqueous solution: interaction of mono-, di- and tri-organotin(IV) cations with nucleotide 5' monophosphates. <i>Applied Organometallic Chemistry</i> , 2004 , 18, 653-661	3.1	19
169	Speciation of trialkyltin(IV) cations in natural fluids. <i>Marine Chemistry</i> , 2004 , 85, 157-167	3.7	19
168	Enhancement of hydrolysis through the formation of mixed hetero-metal species: dioxouranium(VI)-cadmium(II) mixtures. <i>Annali Di Chimica</i> , 2005 , 95, 767-78		19
167	Salt effects on the protonation of imidazole in aqueous solution at different ionic strengths: A tentative explanation by a complex formation model. <i>Journal of Solution Chemistry</i> , 1989 , 18, 23-36	1.8	19
166	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
165	Thermodynamic parameters for the binding of ATP by protonated open-chain polyamines. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 1091-1095		18

164	SIT parameters for 1:2 electrolytes and correlation with Pitzer coefficients. <i>Annali Di Chimica</i> , 2007 , 97, 85-95		18
163	Modeling of Protonation Constants of Linear Aliphatic Dicarboxylates Containing -S-Groups in Aqueous Chloride Salt Solutions, at Different Ionic Strengths, Using the SIT and Pitzer Equations and Empirical Relationships. <i>Journal of Solution Chemistry</i> , 2008 , 37, 763-784	1.8	18
162	Speciation of phytate ion in aqueous solution. Protonation in CsClaq at different ionic strengths and mixing effects in LiClaq + CsClaq. <i>Journal of Molecular Liquids</i> , 2008 , 138, 76-83	6	18
161	The Speciation of (CH ₃) ₂ Sn ²⁺ in Electrolyte Solution Containing the Major Components of Natural Waters. <i>Aquatic Geochemistry</i> , 1999 , 5, 381-398	1.7	18
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