

Concetta De Stefano

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235
ext. papers

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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
228	Formation and stability of phytate complexes in solution. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1108-1120	23.2	147
227	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> , 1985 , 2353		126
226	The PAH composition of surface sediments from Stagnone coastal lagoon, Marsala (Italy). <i>Marine Chemistry</i> , 2006 , 99, 117-127	3.7	80
225	The determination of formation constants of weak complexes by potentiometric measurements: experimental procedures and calculation methods. <i>Talanta</i> , 1987 , 34, 933-8	6.2	74
224	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
223	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
222	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
221	Chelating agents for the sequestration of mercury(II) and monomethyl mercury(II). <i>Current Medicinal Chemistry</i> , 2014 , 21, 3819-36	4.3	52
220	Protonation of carbonate in aqueous tetraalkylammonium salts at 25 degrees C. <i>Talanta</i> , 2006 , 68, 1102-1112		50
219	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
218	The inorganic speciation of tin(II) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 87, 1-20	5.5	49
217	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
216	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
215	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
214	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
213	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
212	AcidBase 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

211	Study and characterization of the ancient bricks of monastery of San Filippo di Fragalò in Frazzanò (Sicily). <i>Analytica Chimica Acta</i> , 2004 , 519, 103-111	6.6	38
210	Thermodynamic parameters for the binding of inorganic and organic anions by biogenic polyammonium cations. <i>Talanta</i> , 2001 , 54, 1135-52	6.2	38
209	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
208	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
207	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
206	Thermodynamic Properties of Dopamine in Aqueous Solution. Acid-Base Properties, Distribution, and Activity Coefficients in NaCl Aqueous Solutions at Different Ionic Strengths and Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2835-2847	2.8	37
205	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
204	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
203	Protonation Constants of Ethylenediamine, Diethylenetriamine, and Spermine in NaCl(aq), NaI(aq), (CH ₃) ₄ NCl(aq), and (C ₂ H ₅) ₄ Nl(aq) at Different Ionic Strengths and t = 25 °C. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1917-1923	2.8	36
202	Speciation of phytate ion in aqueous solution. <i>Thermochimica Acta</i> , 2004 , 423, 63-69	2.9	36
201	Thermodynamic parameters for the protonation of carboxylic acids in aqueous tetraethylammonium iodide solutions. <i>Journal of Solution Chemistry</i> , 1990 , 19, 569-587	1.8	36
200	Speciation of phytate ion in aqueous solution. Protonation constants and copper(II) interactions in NaNO ₃ aq at different ionic strengths. <i>Biophysical Chemistry</i> , 2007 , 128, 176-84	3.5	33
199	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. <i>Thermochimica Acta</i> , 1995 , 255, 109-141	2.9	32
198	Speciation of phytate ion in aqueous solution. Sequestering ability toward mercury(II) cation in NaCl(aq) at different ionic strengths. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1459-66	5.7	31
197	Sequestering ability of polyaminopolycarboxylic ligands towards dioxouranium(VI) cation. <i>Journal of Alloys and Compounds</i> , 2006 , 424, 93-104	5.7	31
196	The calculation of equilibrium concentrations in large multimetal/multiligand systems. <i>Analytica Chimica Acta</i> , 1986 , 191, 385-398	6.6	31
195	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
194	Quantitative parameters for the sequestering capacity of polyacrylates towards alkaline earth metal ions. <i>Talanta</i> , 2003 , 61, 181-94	6.2	29

193	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
192	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
191	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
190	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
189	Salt effects on the protonation and on alkali and alkaline earth metal complex formation of 1,2,3-propanetricarboxylate in aqueous solution. <i>Talanta</i> , 1994 , 41, 1715-22	6.2	27
188	Complexation of Hg ²⁺ , CH ₃ Hg ⁺ , Sn ²⁺ and (CH ₃) ₂ Sn ²⁺ with phosphonic NTA derivatives. <i>New Journal of Chemistry</i> , 2016 , 40, 1443-1453	3.6	26
187	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
186	Speciation of phytate ion in aqueous solution. Non covalent interactions with biogenic polyamines. <i>Chemical Speciation and Bioavailability</i> , 2003 , 15, 29-36		26
185	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
184	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
183	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
182	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
181	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
180	The single salt approximation for the major components of seawater: association and acidBase properties. <i>Chemical Speciation and Bioavailability</i> , 1998 , 10, 27-30		25
179	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
178	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
177	AcidBase 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
176	Activity coefficients, acidBase properties and weak Na ⁺ ion pair formation of some resorcinol derivatives. <i>Fluid Phase Equilibria</i> , 2010 , 292, 71-79	2.5	24

175	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
174	Hydrolysis of (CH ₃) ₃ Sn ⁺ in Various Salt Media. <i>Journal of Solution Chemistry</i> , 1999 , 28, 959-972	1.8	24
173	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
172	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
171	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
170	Total and Specific Solubility and Activity Coefficients of Neutral Species of (CH ₂) ₂ iNi(CH ₂ COOH) _i +2 Complexons in Aqueous NaCl Solutions at Different Ionic Strengths, (0-10 molL ⁻¹), and 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 437-443	2.8	23
169	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
168	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
167	Thermodynamics of formation of magnesium, calcium, strontium and barium complexes with 2,2'-bipyridyl and 1,10-phenanthroline, at different ionic strengths in aqueous solution. <i>Talanta</i> , 1985 , 32, 675-7	6.2	23
166	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
165	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
164	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
163	Modelling of proton and metal exchange in the alginate biopolymer. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 383, 587-96	4.4	22
162	Speciation of low molecular weight carboxylic ligands in natural fluids: protonation constants and association with major components of seawater of oxydiacetic and citric acids. <i>Analytica Chimica Acta</i> , 1999 , 398, 103-110	6.6	22
161	Salt effects on the protonation of l-histidine and l-aspartic acid: a complex formation model. <i>Thermochimica Acta</i> , 1991 , 177, 39-57	2.9	22
160	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
159	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
158	Modeling the Dependence on Medium and Ionic Strength of Glutathione AcidBase Behavior in LiCl(aq), NaCl(aq), KCl(aq), RbCl(aq), CsCl(aq), (CH ₃) ₄ NCl(aq), and (C ₂ H ₅) ₄ Nl(aq). <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1028-1036	2.8	21

157	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
156	Binding of carboxylic ligands by protonated amines. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 4219-4226		21
155	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
154	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
153	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
152	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
151	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
150	Dissociation Constants of Protonated Cysteine Species in NaCl Media. <i>Journal of Solution Chemistry</i> , 2002 , 31, 783-792	1.8	19
149	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
148	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
147	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
146	SIT parameters for 1:2 electrolytes and correlation with Pitzer coefficients. <i>Annali Di Chimica</i> , 2007 , 97, 85-95		18
145	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
144	Speciation of phytate ion in aqueous solution. Protonation in CsCl(aq) at different ionic strengths and mixing effects in LiCl(aq) + CsCl(aq). <i>Journal of Molecular Liquids</i> , 2008 , 138, 76-83	6	18
143	The calculation of equilibrium concentrations. ES4EC1: A FORTRAN program for computing distribution diagrams and titration curves. <i>Computers & Chemistry</i> , 1989 , 13, 343-359		18
142	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
141	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
140	Interaction of Alkyltin(IV) Compounds with Ligands of Interest in the Speciation of Natural fluids: Complexes of (CH ₃) ₂ Sn ²⁺ with Carboxylates. <i>Applied Organometallic Chemistry</i> , 1997 , 11, 683-691	3.1	17

139	Speciation of poly-amino carboxylic compounds in seawater. <i>Chemical Speciation and Bioavailability</i> , 2003 , 15, 75-86		17
138	Interaction of UO ₂ (2+) with ATP in aqueous ionic media. <i>Biophysical Chemistry</i> , 2005 , 117, 147-53	3.5	17
137	Quantitative study of the interactions of ATP with amines and amino acids. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 1511-1518		17
136	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
135	SIT Parameters for the Dependence of (Poly)carboxylate Activity Coefficients on Ionic Strength in (C ₂ H ₄) ₄ NCl _{aq} (0 ≤ I ≤ 2 mol/kg-1) and (CH ₃) ₄ NCl _{aq} (0 ≤ I ≤ 9 mol/kg-1) in the Temperature Range 278 K ≤ T ≤ 288 K and Correlation with Pitzer Parameters <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 2195-2203	2.8	16
134	Dioxouranium(VI)-carboxylate complexes. Interaction with dicarboxylic acids in aqueous solution: speciation and structure. <i>Annali Di Chimica</i> , 2006 , 96, 399-420		16
133	Critical Evaluation of Protonation Constants. Literature Analysis and Experimental Potentiometric and Calorimetric Data for the Thermodynamics of Phthalate Protonation in Different Ionic Media. <i>Journal of Solution Chemistry</i> , 2006 , 35, 1227-1244	1.8	16
132	Speciation of low molecular weight ligands in natural fluids: protonation constants and association of open chain polyamines with the major components of seawater. <i>Analytica Chimica Acta</i> , 2000 , 418, 43-51	6.6	16
131	Interactions of diethylenetriaminepentaacetic acid (dtpa) and triethylenetetraaminehexaacetic acid (ttha) with major components of natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 375, 956-674	4.4	15
130	Protonation Constants and Association of Polycarboxylic Ligands with the Major Components of Seawater. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 996-1000	2.8	15
129	Binding of polyanions by biogenic amines. III. Formation and stability of protonated spermidine and spermine complexes with carboxylic ligands. <i>Talanta</i> , 1999 , 48, 119-26	6.2	15
128	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
127	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
126	Solubility, Activity Coefficients, and Protonation Sequence of Risedronic Acid. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3728-3740	2.8	14
125	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
124	Thermodynamic data for lanthanoid(III) sequestration by phytate at different temperatures. <i>Monatshefte Für Chemie</i> , 2010 , 141, 511-520	1.4	14
123	Binding of polyanions by biogenic amines. II. Formation and stability of protonated putrescine and cadaverine complexes with carboxylic ligands. <i>Talanta</i> , 1998 , 46, 1079-84	6.2	14
122	Sequestering ability of phytate towards protonated BPEI and other polyammonium cations in aqueous solution. <i>Biophysical Chemistry</i> , 2008 , 136, 108-14	3.5	14

121	Dissociation constants of protonated cysteine species in seawater media. <i>Marine Chemistry</i> , 2006 , 99, 52-61	3.7	14
120	Interaction of Polyamines with Mg ²⁺ and Ca ²⁺ . <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 744-749	2.8	14
119	Thermodynamics of formation of magnesium(II), calcium(II), strontium(II) and barium(II) succinate complexes in aqueous solution. <i>Thermochimica Acta</i> , 1984 , 80, 197-208	2.9	14
118	. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 767	3.8	14
117	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
116	Solubility, activity coefficients and acid-base 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
115	and charge relationships for the binding of carboxylic anions by open-chain polyammonium cations. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 2395-2398		13
114	Investigations on ancient mortars from the Basilian monastery of Fraga. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 91, 477-485	4.1	13
113	Dissociation Constants for Citric Acid in NaCl and KCl Solutions and their Mixtures at 25 °C. <i>Journal of Solution Chemistry</i> , 2004 , 33, 1349-1366	1.8	13
112	Dissociation constants of protonated methionine species in NaCl media. <i>Biophysical Chemistry</i> , 2003 , 105, 79-87	3.5	13
111	Complexes of Azelaic and Diethylenetrioxydiacetic Acids with Na ⁺ , Mg ²⁺ , and Ca ²⁺ in NaCl Aqueous Solutions, at 25 °C. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 15-19	2.8	13
110	Binding of acrylic and sulphonic polyanions by open-chain polyammonium cations. <i>Talanta</i> , 2001 , 53, 1241-8	6.2	13
109	Equilibrium studies in natural fluids: interactions of -PO ₄ ³⁻ , -P ₂ O ₇ ⁴⁻ and -P ₃ O ₁₀ ⁵⁻ with the major constituents of sea water. <i>Chemical Speciation and Bioavailability</i> , 1998 , 10, 19-26		13
108	On the complexation of metal cations with pure diethylenetriamine-N,N,N',N',N',N'-pentakis(methylenephosphonic) acid. <i>New Journal of Chemistry</i> , 2017 , 41, 4065-4075	3.6	12
107	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
106	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
105	Speciation of Al ³⁺ in fairly concentrated solutions (2000 mmol L ⁻¹) at I=1 mol L ⁻¹ (NaNO ₃), in the acidic pH range, at different temperatures. <i>Chemical Speciation and Bioavailability</i> , 2011 , 23, 33-37		12
104	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

103	Dissociation Constants of Protonated Oxidized Glutathione in Seawater Media at Different Salinities. <i>Aquatic Geochemistry</i> , 2010 , 16, 447-466	1.7	12
102	Interaction of methyltin(IV) compounds with carboxylate ligands. Part 2: formation thermodynamic parameters, predictive relationships and sequestering ability. <i>Applied Organometallic Chemistry</i> , 2008 , 22, 30-38	3.1	12
101	Salt effects on the protonation of polymethacrylate and Na ⁺ , K ⁺ , Ca ²⁺ complex formation. <i>Fluid Phase Equilibria</i> , 1999 , 163, 127-137	2.5	12
100	Protonation thermodynamics of 2,2'-bipyridyl in aqueous solution. Salt effects and weak complex formation. <i>Thermochimica Acta</i> , 1993 , 214, 325-338	2.9	12
99	Ionic strength dependence of formation constants. Part 7. Protonation constants of low molecular weight carboxylic acids at 10, 25 and 45°C. <i>Thermochimica Acta</i> , 1985 , 86, 273-280	2.9	12
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