Silvio Sammartano

List of Publications by Year
in descending order

290 papers	6,788 citations	76196 40 h-index	155451 55 g-index
292 all docs	292 docs citations	292 times ranked	3508 citing authors

#	Article	IF	Citations
1	Formation and stability of phytate complexes in solution. Coordination Chemistry Reviews, 2008, 252, 1108-1120.	9.5	180
2	Weak alkali and alkaline earth metal complexes of low molecular weight ligands in aqueous solution. Coordination Chemistry Reviews, 2008, 252, 1093-1107.	9.5	169
3	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 Ca2+ complexes of low molecular weight ligands in aqueous solution. Journal of the Chemical Society Dalton Transactions, 1985, , 2353.	1.1	136
4	Ionic strength dependence of formation constants. Alkali metal complexes of ethylenediaminetetraacetate nitrilotriacetate, diphosphate, and tripolyphosphate in aqueous solution. Analytical Chemistry, 1985, 57, 2956-2960.	3.2	111
5	Aqueous solution chemistry of alkyltin(IV) compounds for speciation studies in biological fluids and natural waters. Coordination Chemistry Reviews, 2012, 256, 222-239.	9.5	79
6	Ionic strength dependence of formation constantsâ€"IProtonation constants of organic and inorganic acids. Talanta, 1983, 30, 81-87.	2.9	75
7	Advances in the investigation of dioxouranium(VI) complexes of interest for natural fluids. Coordination Chemistry Reviews, 2012, 256, 63-81.	9.5	74
8	Chelating Agents for the Sequestration of Mercury(II) and Monomethyl Mercury(II). Current Medicinal Chemistry, 2014, 21, 3819-3836.	1.2	74
9	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. Chemical Speciation and Bioavailability, 2004, 16, 105-110.	2.0	73
10	Speciation of phytate ion in aqueous solution. Alkali metal complex formation in different ionic media. Analytical and Bioanalytical Chemistry, 2003, 376, 1030-1040.	1.9	64
11	The inorganic speciation of tin(II) in aqueous solution. Geochimica Et Cosmochimica Acta, 2012, 87, 1-20.	1.6	63
12	Copper(II) complexes of N-(phosphonomethyl)glycine in aqueous solution: a thermodynamic and spectrophotometric study. Talanta, 1997, 45, 425-431.	2.9	61
13	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), (CH3)4NCl(aq), and (C2H5)4NI(aq) at Different Ionic Strengths and att= 25 Â°C. Journal of Chemical & Engineering Data, 2006, 51, 1660-1667.	1.0	61
14	Hydrolysis of (CH3)2Sn2+in Different Ionic Media:Â Salt Effects and Complex Formation. Journal of Chemical & Engineering Data, 1996, 41, 511-515.	1.0	60
15	Polyacrylate Protonation in Various Aqueous Ionic Media at Different Temperatures and Ionic Strengths. Journal of Chemical & Engineering Data, 2000, 45, 876-881.	1.0	60
16	SIT Parameters for 1:1 Electrolytes and Correlation with Pitzer Coefficients. Journal of Solution Chemistry, 2006, 35, 1401-1415.	0.6	60
17	Ionic strength dependence of formation constantsâ€"XVIII. The hydrolysis of iron(III) in aqueous KNO3 solutions. Talanta, 1994, 41, 1577-1582.	2.9	57
18	Protonation of carbonate in aqueous tetraalkylammonium salts at 25Â°C. Talanta, 2006, 68, 1102-1112.	2.9	57

#	ARTICLE	IF	CITATIONS
19	The interaction of amino acids with the major constituents of natural waters at different ionic strengths. Marine Chemistry, 2000, 72, 61-76.	0.9	54
20	Salt effects on the protonation of ortho-phosphate between 10 and 50Â°C in aqueous solution. A complex formation model. Journal of Solution Chemistry, 1991, 20, 495-515.	0.6	52
21	Dependence on Ionic Strength of Protonation Enthalpies of Polycarboxylate Anions in NaCl Aqueous Solution. Journal of Chemical & Engineering Data, 2001, 46, 1417-1424.	1.0	51
22	Thermodynamics of Proton Binding of Halloysite Nanotubes. Journal of Physical Chemistry C, 2016, 120, 7849-7859.	1.5	49
23	Dependence on Ionic Strength of Polyamine Protonation in NaCl Aqueous Solution. Journal of Chemical & Engineering Data, 2001, 46, 1425-1435.	1.0	48
24	Sequestration of Hg²⁺ by Some Biologically Important Thiols. Journal of Chemical & Engineering Data, 2011, 56, 4741-4750.	1.0	47
25	Ion association of Clâˆ’ with Na+, K+, Mg2+ and Ca2+ in aqueous solution at 10 â©½ T â©½ 45 Â° C and 0 â©½ I â©½ 1 mol lâˆ’1. Thermochimica Acta, 1987, 115, 241-248.	1.2	46
26	Thermodynamic parameters for the protonation of carboxylic acids in aqueous tetraethylammonium iodide solutions. Journal of Solution Chemistry, 1990, 19, 569-587.	0.6	45
27	Speciation of Phytate Ion in Aqueous Solution. Protonation Constants in Tetraethylammonium Iodide and Sodium Chloride. Journal of Chemical & Engineering Data, 2003, 48, 114-119.	1.0	45
28	Equilibrium studies in natural fluids: a chemical speciation model for the major constituents of sea water. Chemical Speciation and Bioavailability, 1994, 6, 65-84.	2.0	44
29	Polyacrylates in aqueous solution. The dependence of protonation on molecular weight, ionic medium and ionic strength. Reactive and Functional Polymers, 2003, 55, 9-20.	2.0	44
30	Calcium- and magnesium-EDTA complexes. Stability constants and their dependence on temperature and ionic strength. Thermochimica Acta, 1983, 61, 129-138.	1.2	43
31	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.	1.2	42
32	Thermodynamic parameters for the binding of inorganic and organic anions by biogenic polyammonium cations. Talanta, 2001, 54, 1135-1152.	2.9	42
33	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 Â°C. Journal of Chemical & Engineering Data, 2005, 50, 1917-1923.	1.0	42
34	Acidâˆ’Base Properties of Synthetic and Natural Polyelectrolytes: Experimental Results and Models for the Dependence on Different Aqueous Media. Journal of Chemical & Engineering Data, 2009, 54, 589-605.	1.0	42
35	Sequestering Ability of Phytate toward Biologically and Environmentally Relevant Trivalent Metal Cations. Journal of Agricultural and Food Chemistry, 2012, 60, 8075-8082.	2.4	41
36	Formation and stability of zinc(II) and cadmium(II) citrate complexes in aqueous solution at various temperatures. Talanta, 1986, 33, 763-767.	2.9	40

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37	The calculation of equilibrium concentrations in large multimetal/multiligand systems. Analytica Chimica Acta, 1986, 191, 385-398.	2.6	40
38	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.	0.7	40
39	Hydrolysis and chemical speciation of dioxouranium(VI) ion in aqueous media simulating the major ion composition of seawater. Marine Chemistry, 2004, 85, 103-124.	0.9	40
40	Speciation of phytate ion in aqueous solution. Sequestration of magnesium and calcium by phytate at different temperatures and ionic strengths, in NaClaq. Biophysical Chemistry, 2006, 124, 18-26.	1.5	40
41	Solubility and activity coefficients of acidic and basic non-electrolytes in aqueous salt solutions. Fluid Phase Equilibria, 2008, 263, 43-54.	1.4	40
42	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.	1.0	40
43	Modeling the acidâ€“base properties of glutathione in different ionic media, with particular reference to natural waters and biological fluids. Amino Acids, 2012, 43, 629-648.	1.2	40
44	Ionic strength dependence of formation constants. Part 4. Potentiometric study of the system Cu2+-Ni2+-citrate. Transition Metal Chemistry, 1984, 9, 385-390.	0.7	39
45	Solubility and Activity Coefficients of Acidic and Basic Nonelectrolytes in Aqueous Salt Solutions. 1. Solubility and Activity Coefficients ofo-Phthalic Acid andl-Cystine in NaCl(aq), (CH3)4NCl(aq), and (C2H5)4NI(aq) at Different Ionic Strengths and att= 25 Â°C. Journal of Chemical & Engineering Data, 2005, 50, 1761-1767.	1.0	38
46	Speciation of phytate ion in aqueous solution. Thermochimica Acta, 2004, 423, 63-69.	1.2	37
47	Interaction of Inorganic Mercury(II) with Polyamines, Polycarboxylates, and Amino Acids. Journal of Chemical & Engineering Data, 2009, 54, 893-903.	1.0	37
48	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.	1.2	35
49	Dependence on Ionic Strength of the Hydrolysis Constants for Dioxouranium(VI) in NaCl(aq) and NaNO3(aq), at pH < 6 andt= 25 Â°C. Journal of Chemical & Engineering Data, 2002, 47, 533-538.	1.0	35
50	Sequestering ability of polyaminopolycarboxylic ligands towards dioxouranium(VI) cation. Journal of Alloys and Compounds, 2006, 424, 93-104.	2.8	35
51	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.	0.6	35
52	Enhancement of hydrolysis through the formation of mixed hetero-metal species. Talanta, 2005, 65, 229-238.	2.9	34
53	Speciation of phytate ion in aqueous solution. Protonation constants and copper(II) interactions in NaNO3aq at different ionic strengths. Biophysical Chemistry, 2007, 128, 176-184.	1.5	34
54	Potentiometric, 1H NMR and ESI-MS investigation on dimethyltin(iv) cationâ€“mercaptocarboxylate interaction in aqueous solution. New Journal of Chemistry, 2009, 33, 2286.	1.4	34

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55	Thermodynamics of metal complexes with ligandâ€“ligand interaction, simple and mixed complexes of copper(II) and zinc(II) with adenosine 5â€²-triphosphate andL-tryptophan orL-alanine. Journal of the Chemical Society Dalton Transactions, 1983, , 1271-1278.	1.1	33
56	Ionic-strength dependence of formation constantsâ€"XII A model for the effect of background on the protonation constants of amines and amino-acids. Talanta, 1989, 36, 903-907.	2.9	33
57	Effects of salt on the protonation in aqueous solution of triethylenetetramine and tetraethylenepentamine. Journal of Solution Chemistry, 1993, 22, 927-940.	0.6	33
58	Speciation of Phytate Ion in Aqueous Solution.â€Sequestering Ability toward Mercury(II) Cation in NaClaqat Different Ionic Strengths. Journal of Agricultural and Food Chemistry, 2006, 54, 1459-1466.	2.4	33
59	Modeling solubility, acidâ€“base properties and activity coefficients of amoxicillin, ampicillin and (+)6-aminopenicillanic acid, in NaCl(aq) at different ionic strengths and temperatures. European Journal of Pharmaceutical Sciences, 2012, 47, 661-677.	1.9	33
60	Speciation of phytate ion in aqueous solution. Non covalent interactions with biogenic polyamines. Chemical Speciation and Bioavailability, 2003, 15, 29-36.	2.0	32
61	Modeling ATP protonation and activity coefficients in NaClaq and KClaq by SIT and Pitzer equations. Biophysical Chemistry, 2006, 121, 121-130.	1.5	32
62	Modelling of natural and synthetic polyelectrolyte interactions in natural waters by using SIT, Pitzer and Ion Pairing approaches. Marine Chemistry, 2006, 99, 93-105.	0.9	32
63	Solubility and Acidâ€“Base Properties of Ethylenediaminetetraacetic Acid in Aqueous NaCl Solution at 0 â‰ <i>I</i> â‰ 6 molÂ·kg^{âˆ’1} and <i>T</i> = 298.15 K. Journal of Chemical & Engineering Data, 2008, 53, 363-367.	1.0	32
64	Some thermodynamic properties of dl-Tyrosine and dl-Tryptophan. Effect of the ionic medium, ionic strength and temperature on the solubility and acidâ€“base properties. Fluid Phase Equilibria, 2012, 314, 185-197.	1.4	32
65	Sequestering Ability of Oligophosphate Ligands toward Al³⁺ in Aqueous Solution. Journal of Chemical & Engineering Data, 2017, 62, 3981-3990.	1.0	32
66	Binding of carboxylic ligands by protonated amines. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4219-4226.	1.7	31
67	Binding of polyanions by biogenic amines. I. Formation and stability of protonated putrescine and cadaverine complexes with inorganic anions. Talanta, 1998, 46, 1085-1093.	2.9	31
68	Hydrolysis and chemical speciation of (C2H5)2Sn2+, (C2H5)3Sn+ and (C3H7)3Sn+ in aqueous media simulating the major composition of natural waters. Applied Organometallic Chemistry, 2002, 16, 34-43.	1.7	31
69	Thermodynamics of metal complexes with ligandâ€“ligand interaction. Mixed complexes of copper(II) and zinc(II) with adenosine 5â€²-triphosphate andL-histidine or histamine. Journal of the Chemical Society Dalton Transactions, 1984, , 1651-1658.	1.1	30
70	Quantitative parameters for the sequestering capacity of polyacrylates towards alkaline earth metal ions. Talanta, 2003, 61, 181-194.	2.9	30
71	Dioxouranium(VI)â€“carboxylate complexesA calorimetric and potentiometric investigation of interaction with oxalate at infinite dilution and in NaCl aqueous solution at I=1.0molLâˆ’1 and T=25Â°C. Talanta, 2007, 71, 948-963.	2.9	30
72	Speciation of Phytate Ion in Aqueous Solution. Thermodynamic Parameters for Zinc(II) Sequestration at Different Ionic Strengths and Temperatures. Journal of Solution Chemistry, 2009, 38, 115-134.	0.6	30

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73	Solubility and acidâ€“base properties of concentrated phytate in self-medium and in NaClaq at T=298.15K. Journal of Chemical Thermodynamics, 2010, 42, 1393-1399.	1.0	30
74	Thermodynamics of proton binding and weak (Clâˆ', Na+ and K+) species formation, and activity coefficients of 1,2-dimethyl-3-hydroxypyridin-4-one (deferiprone). Journal of Chemical Thermodynamics, 2014, 77, 98-106.	1.0	30
75	Ionic Strength Dependence of Protonation Constants ofN-Alkyl Substituted Open Chain Diamines in NaClaq. Journal of Chemical & Engineering Data, 2004, 49, 109-115.	1.0	29
76	Formation and Stability of Cadmium(II)/Phytate Complexes by Different Electrochemical Techniques. Critical Analysis of Results. Journal of Solution Chemistry, 2010, 39, 179-195.	0.6	29
77	Acidâ€“base and UV properties of some aminophenol ligands and their complexing ability towards Zn2+ in aqueous solution. Journal of Molecular Liquids, 2011, 159, 146-151.	2.3	29
78	Thermodynamics of HEDPA protonation in different media and complex formation with Mg2+ and Ca2+. Journal of Chemical Thermodynamics, 2013, 66, 151-160.	1.0	29
79	Acidâ€“base and UV behavior of 3-(3,4-dihydroxyphenyl)-propenoic acid (caffeic acid) and complexing ability towards different divalent metal cations in aqueous solution. Journal of Molecular Liquids, 2014, 195, 9-16.	2.3	29
80	Thermodynamics of metal complexes with ligandâ€"ligand interaction. Mixed complexes of copper(II) and zinc(II) with adenosine 5â€²-triphosphate and l-phenylalanine or l-tyrosine. Thermochimica Acta, 1984, 74, 77-86.	1.2	28
81	Ionic strength dependence of formation constantsâ€"XProton activity coefficients at various temperatures and ionic strengths and their use in the study of complex equilibria. Talanta, 1987, 34, 593-598.	2.9	28
82	Medium and Alkyl Chain Effects on the Protonation of Dicarboxylates in NaCl(aq)and Et4NI(aq)at 25Â°C. Journal of Solution Chemistry, 2004, 33, 499-528.	0.6	28
83	Acidâ€“Base Properties and Alkali and Alkaline Earth Metal Complex Formation in Aqueous Solution of Diethylenetriamine-<i>N</i>,<i>N</i>,<i>N</i>â€²,<i>N</i>â€³,<i>N</i>â€³-pentakis(methylenephosphonic acid) Obtained by an Efficient Synthetic Procedure. Industrial & Engineering Chemistry Research, 2014, 53, 9544-9553.	1.8	28
84	Chemical speciation of amino acids in electrolyte solutions containing major components of natural fluids. Chemical Speciation and Bioavailability, 1995, 7, 1-8.	2.0	27
85	Hydrolysis of (CH3)3Sn+ in Various Salt Media. Journal of Solution Chemistry, 1999, 28, 959-972.	0.6	27
86	Speciation of phytate ion in aqueous solution. Characterisation of Ca-phytate sparingly soluble species. Chemical Speciation and Bioavailability, 2004, 16, 53-59.	2.0	27
87	Enhancement of Hydrolysis through the Formation of Mixed Hetero-Metal Species: Dioxouranium(VI) - Cadmium(II) Mixtures. Annali Di Chimica, 2005, 95, 767-778.	0.6	27
88	Modeling S-carboxymethyl-l-cysteine protonation and activity coefficients in sodium and tetramethylammonium chloride aqueous solutions by SIT and Pitzer equations. Fluid Phase Equilibria, 2007, 252, 119-129.	1.4	27
89	Thermodynamic and spectroscopic study for the interaction of dimethyltin(IV) with Lâ€“cysteine in aqueous solution. Biophysical Chemistry, 2008, 133, 19-27.	1.5	27
90	Sequestering ability of polycarboxylic ligands towards dioxouranium(VI). Talanta, 2008, 75, 775-785.	2.9	27

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91	Composition, Distribution, and Sources of Polycyclic Aromatic Hydrocarbons in Sediments of the Gulf of Milazzo (Mediterranean Sea, Italy). Polycyclic Aromatic Compounds, 2014, 34, 397-424.	1.4	27
92	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. Thermochimica Acta, 1983, 62, 101-112.	1.2	26
93	Hydrolysis of (CH3)Hg+in Different Ionic Media:Â Salt Effects and Complex Formation. Journal of Chemical & Engineering Data, 1998, 43, 957-960.	1.0	26
94	The single salt approximation for the major components of seawater: association and acidâ€"base properties. Chemical Speciation and Bioavailability, 1998, 10, 27-30.	2.0	26
95	Modelling of proton and metal exchange in the alginate biopolymer. Analytical and Bioanalytical Chemistry, 2005, 383, 587-596.	1.9	26
96	Thermodynamic Protonation Parameters ofÂsomeÂSulfur-Containing Anions in NaClaq andÂ(CH3)4NClaq atÂt=25â€‰Â°C. Journal of Solution Chemistry, 2009, 38, 1225-1245.	0.6	26
97	Methylmercury(ii)-sulfur containing ligand interactions: a potentiometric, calorimetric and 1H-NMR study in aqueous solution. New Journal of Chemistry, 2011, 35, 800.	1.4	26
98	Thermodynamics of Al3+-thiocarboxylate interaction in aqueous solution. Journal of Molecular Liquids, 2016, 222, 614-621.	2.3	26
99	Hydrolysis of methyltin(IV) trichloride in aqueous NaCl and NaNO3 solutions at different ionic strengths and temperatures. Applied Organometallic Chemistry, 1999, 13, 805-811.	1.7	25
100	Speciation of phytate ion in aqueous solution. Cadmium(II) interactions in aqueous NaCl at different ionic strengths. Analytical and Bioanalytical Chemistry, 2006, 386, 346-356.	1.9	25
101	Activity coefficients, acidâ€"base properties and weak Na+ ion pair formation of some resorcinol derivatives. Fluid Phase Equilibria, 2010, 292, 71-79.	1.4	25
102	Total and Specific Solubility and Activity Coefficients of Neutral Species of (CH₂)_{2<i>i</i>âˆ'2}N_{<i>i</i>}(CH₂COOH)_{<i>i</i>+2}Complexons in Aqueous NaCl Solutions at Different Ionic Strengths, (0 â‰<i>I</i>â‰ 5) molÂ·L^{âˆ'1}, and 298.15 K. Journal of Chemical & Engineering Data, 2011, 56, 437-443.	1.0	25
103	Potentiometric, Calorimetric, and¹H NMR Investigation on Hg²⁺-Mercaptocarboxylate Interaction in Aqueous Solution. Journal of Chemical & Engineering Data, 2011, 56, 1995-2004.	1.0	25
104	Study of Al 3+ interaction with AMP , ADP and ATP in aqueous solution. Biophysical Chemistry, 2018, 234, 42-50.	1.5	25
105	The formation of proton and alkali-metal complexes with ligands of biological interest in aqueous solution. Thermodynamics of H+, Na+ and K+â€"oxalate complexes. Thermochimica Acta, 1981, 46, 103-116.	1.2	24
106	Studies on sulphate complexes. Part I. Potentiometric investigation of Li+, Na+, K+, Rb+ and Cs+ complexes at 37 Â°C and 0.03 â©½ I â©½ 0.5. Inorganica Chimica Acta, 1982, 63, 267-272.	1.2	24
107	Thermodynamic Parameters for the Protonation of Poly(allylamine) in Concentrated LiCl(aq) and NaCl(aq). Journal of Chemical & Engineering Data, 2004, 49, 658-663.	1.0	24
108	Thermodynamic and spectroscopic study of the binding of dimethyltin(IV) by citrate at 25 Â°C. Applied Organometallic Chemistry, 2006, 20, 425-435.	1.7	24

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109	Solubility and activity coefficients of 2,2â€²-bipyridyl, 1,10-phenanthroline and 2,2â€²,6â€²,2â€³-terpyridine in NaCl(aq) at different ionic strengths and T=298.15K. Fluid Phase Equilibria, 2008, 272, 47-52.	1.4	24
110	Quantitative study on the interaction of Sn2+ and Zn2+ with some phosphate ligands, in aqueous solution at different ionic strengths. Journal of Molecular Liquids, 2012, 165, 143-153.	2.3	24
111	Speciation of tin(II) in aqueous solution: thermodynamic and spectroscopic study of simple and mixed hydroxocarboxylate complexes. Monatshefte FÃ¼r Chemie, 2013, 144, 761-772.	0.9	24
112	Acidâ€“Base Properties, Solubility, Activity Coefficients and Na+ Ion Pair Formation of Complexons in NaCl(aq) at Different Ionic Strengths. Journal of Solution Chemistry, 2013, 42, 1452-1471.	0.6	24
113	Sequestration of Aluminium(III) by different natural and synthetic organic and inorganic ligands in aqueous solution. Chemosphere, 2017, 186, 535-545.	4.2	24
114	The calculation of equilibrium concentrations. ES4EC1: A FORTRAN program for computing distribution diagrams and titration curves. Computers & Chemistry, 1989, 13, 343-359.	1.2	23
115	Thermodynamic parameters for the binding of ATP by protonated open-chain polyamines. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 1091-1095.	1.7	23
116	Ionic Strength Dependence of Protonation Constants of Carboxylate Ions in NaClaq (0 â‰ I â‰ 5.6) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Correlation between Them. Journal of Chemical & Engineering Data, 2010, 55, 904-911.	1.0	23
117	Salt effects on the protonation of imidazole in aqueous solution at different ionic strengths: A tentative explanation by a complex formation model. Journal of Solution Chemistry, 1989, 18, 23-36.	0.6	22
118	Interaction of acrylic-maleic copolymers with H+, Na+, Mg2+ and Ca2+: Thermodynamic parameters and their dependence on medium. Reactive and Functional Polymers, 2005, 65, 329-342.	2.0	22
119	Modeling the Dependence on Medium and Ionic Strength of Glutathione Acidâˆ'Base Behavior in LiClaq, NaClaq, KClaq, RbClaq, CsClaq, (CH3)4NClaq, and (C2H5)4NIaq. Journal of Chemical & Engineering Data, 2007, 52, 1028-1036.	1.0	22
120	Thermodynamics of binary and ternary interactions in the tin(II)/phytate system in aqueous solutions, in the presence of Clâˆ' or Fâˆ'. Journal of Chemical Thermodynamics, 2012, 51, 88-96.	1.0	22
121	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 acidâ€“base properties. Fluid Phase Equilibria, 2013, 355, 104-113.	1.4	22
122	Speciation of Cadmium in the Environment. Metal Ions in Life Sciences, 2013, 11, 63-83.	2.8	22
123	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. Chemosphere, 2016, 150, 341-356.	4.2	22
124	WECO: A computer program for calculating thermodynamic parameters of simple weak complexes. Temperature and ionic strength dependence of the ionic product of water and of hydrolysis constants of Na+ and Ca2+. Thermochimica Acta, 1984, 74, 343-355.	1.2	21
125	Ionic strength dependence of formation constants. Part 7. Protonation constants of low molecular weight carboxylic acids at 10, 25 and 45Â°C. Thermochimica Acta, 1985, 86, 273-280.	1.2	21
126	Quantitative study of the interactions of ATP with amines and amino acids. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1511-1518.	1.7	21

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127	The dependence on ionic strength of protonation constants of carboxylic acids in aqueous tetraethylammonium iodide solution, at different temperatures. Fluid Phase Equilibria, 1998, 149, 91-101.	1.4	21
128	Speciation of polyelectrolytes in natural fluids Protonation and interaction of polymethacrylates with major components of seawater. Talanta, 2002, 58, 405-417.	2.9	21
129	Speciation of phytate ion in aqueous solution. Dimethyltin(IV) interactions in NaClaq at different ionic strengths. Biophysical Chemistry, 2005, 116, 111-120.	1.5	21
130	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. Applied Organometallic Chemistry, 2006, 20, 89-98.	1.7	21
131	Mixing effects on the protonation of polyacrylate in LiCl/KCl aqueous solutions at different ionic strengths, I=1 to 3.5Âmol Lâˆ'1, at T=298.15ÂK. Journal of Molecular Liquids, 2008, 143, 129-133.	2.3	21
132	Interaction of Phytate with Ag⁺, CH₃Hg⁺, Mn²⁺, Fe²⁺, Co²⁺, and VO²⁺: Stability Constants and Sequestering Ability. Journal of Chemical & Engineering Data, 2012, 57, 2838-2847.	1.0	21
133	A critical approach to the toxic metal ion removal by hazelnut and almond shells. Environmental Science and Pollution Research, 2018, 25, 4238-4253.	2.7	21
134	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. Fluid Phase Equilibria, 2018, 459, 51-64.	1.4	21
135	The formation of proton and alkali-metal coplexes with ligands of biological interest in aqueous solution. Potentiometric and PMR investigation of Li+, Na+, K+, Rb+, Cs+ and NH+4 complexes with citrate. Inorganica Chimica Acta, 1981, 56, L45-L47.	1.2	20
136	Binding of polyanions by biogenic amines. II. Formation and stability of protonated putrescine and cadaverine complexes with carboxylic ligands. Talanta, 1998, 46, 1079-1084.	2.9	20
137	Title is missing!. Aquatic Geochemistry, 1999, 5, 381-398.	1.5	20
138	Speciation of trialkyltin(IV) cations in natural fluids. Marine Chemistry, 2004, 85, 157-167.	0.9	20
139	Speciation of organic matter in natural watersâ€"interaction of polyacrylates and polymethacrylates with major cation components of seawater. Marine Chemistry, 2004, 86, 33-44.	0.9	20
140	Sit Parameters for 1:2 Electrolytes and Correlation with Pitzer Coefficients. Annali Di Chimica, 2007, 97, 85-95.	0.6	20
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