Concetta De Stefano

List of Publications by Year
in descending order

234 papers	4,708 citations	117625 34 h-index	197818 49 g-index
235 all docs	235 docs citations	235 times ranked	2563 citing authors

#	Article	IF	Citations
1	Formation and stability of phytate complexes in solution. Coordination Chemistry Reviews, 2008, 252, 1108-1120.	18.8	180
2	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
3	The PAH composition of surface sediments from Stagnone coastal lagoon, Marsala (Italy). Marine Chemistry, 2006, 99, 117-127.	2.3	90
4	The determination of formation constants of weak complexes by potentiometric measurements: experimental procedures and calculation methods. Talanta, 1987, 34, 933-938.	5.5	86
5	Chelating Agents for the Sequestration of Mercury(II) and Monomethyl Mercury(II). Current Medicinal Chemistry, 2014, 21, 3819-3836.	2.4	74
6	Speciation of phytate ion in aqueous solution. Alkali metal complex formation in different ionic media. Analytical and Bioanalytical Chemistry, 2003, 376, 1030-1040.	3.7	64
7	The inorganic speciation of tin(II) in aqueous solution. Geochimica Et Cosmochimica Acta, 2012, 87, 1-20.	3.9	63
8	Copper(II) complexes of N-(phosphonomethyl)glycine in aqueous solution: a thermodynamic and spectrophotometric study. Talanta, 1997, 45, 425-431.	5.5	61
9	Hydrolysis of (CH3)2Sn2+in Different Ionic Media:Â Salt Effects and Complex Formation. Journal of Chemical & Engineering Data, 1996, 41, 511-515.	1.9	60
10	Polyacrylate Protonation in Various Aqueous Ionic Media at Different Temperatures and Ionic Strengths. Journal of Chemical & Engineering Data, 2000, 45, 876-881.	1.9	60
11	Protonation of carbonate in aqueous tetraalkylammonium salts at 25Â°C. Talanta, 2006, 68, 1102-1112.	5.5	57
12	The interaction of amino acids with the major constituents of natural waters at different ionic strengths. Marine Chemistry, 2000, 72, 61-76.	2.3	54
13	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.	1.2	52
14	Study and characterization of the ancient bricks of monastery of â€œSan Filippo di FragalÃâ€•in FrazzanÃ² (Sicily). Analytica Chimica Acta, 2004, 519, 103-111.	5.4	52
15	Dependence on Ionic Strength of Protonation Enthalpies of Polycarboxylate Anions in NaCl Aqueous Solution. Journal of Chemical & Engineering Data, 2001, 46, 1417-1424.	1.9	51
16	Thermodynamic parameters for the protonation of carboxylic acids in aqueous tetraethylammonium iodide solutions. Journal of Solution Chemistry, 1990, 19, 569-587.	1.2	45
17	Speciation of Phytate Ion in Aqueous Solution. Protonation Constants in Tetraethylammonium Iodide and Sodium Chloride. Journal of Chemical & Engineering Data, 2003, 48, 114-119.	1.9	45
18	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

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19	Polyacrylates in aqueous solution. The dependence of protonation on molecular weight, ionic medium and ionic strength. Reactive and Functional Polymers, 2003, 55, 9-20.	4.1	44
20	Thermodynamic parameters for the binding of inorganic and organic anions by biogenic polyammonium cations. Talanta, 2001, 54, 1135-1152.	5.5	42
21	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.	1.9	42
22	Acidâ^'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.	1.9	42
23	Thermodynamic Properties of Dopamine in Aqueous Solution. Acidâ€"Base Properties, Distribution, and Activity Coefficients in NaCl Aqueous Solutions at Different Ionic Strengths and Temperatures. Journal of Chemical & Engineering Data, 2013, 58, 2835-2847.	1.9	41
24	Formation and stability of zinc(II) and cadmium(II) citrate complexes in aqueous solution at various temperatures. Talanta, 1986, 33, 763-767.	5.5	40
25	The calculation of equilibrium concentrations in large multimetal/multiligand systems. Analytica Chimica Acta, 1986, 191, 385-398.	5.4	40
26	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.	2.8	40
27	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.	1.9	40
28	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.	2.7	40
29	Speciation of phytate ion in aqueous solution. Thermochimica Acta, 2004, 423, 63-69.	2.7	37
30	Salt effects on the protonation and on alkali and alkaline earth metal complex formation of 1,2,3-propanetricarboxylate in aqueous solution. Talanta, 1994, 41, 1715-1722.	5.5	35
31	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.	2.7	35
32	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.	1.9	35
33	Sequestering ability of polyaminopolycarboxylic ligands towards dioxouranium(VI) cation. Journal of Alloys and Compounds, 2006, 424, 93-104.	5.5	35
34	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.	2.8	34
35	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.	5.5	33
36	Effects of salt on the protonation in aqueous solution of triethylenetetramine and tetraethylenepentamine. Journal of Solution Chemistry, 1993, 22, 927-940.	1.2	33

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37	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.	5.2	33
38	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.	4.0	33
39	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. Talanta, 1985, 32, 675-677.	5.5	32
40	Speciation of phytate ion in aqueous solution. Non covalent interactions with biogenic polyamines. Chemical Speciation and Bioavailability, 2003, 15, 29-36.	2.0	32
41	Modeling ATP protonation and activity coefficients in NaClaq and KClaq by SIT and Pitzer equations. Biophysical Chemistry, 2006, 121, 121-130.	2.8	32
42	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.	2.5	32
43	Binding of carboxylic ligands by protonated amines. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4219-4226.	1.7	31
44	Binding of polyanions by biogenic amines. I. Formation and stability of protonated putrescine and cadaverine complexes with inorganic anions. Talanta, 1998, 46, 1085-1093.	5.5	31
45	Quantitative parameters for the sequestering capacity of polyacrylates towards alkaline earth metal ions. Talanta, 2003, 61, 181-194.	5.5	30
46	Dioxouranium(VI)â€“carboxylate complexesA calorimetric and potentiometric investigation of interaction with oxalate at infinite dilution and in NaCl aqueous solution at I=1.0molLâ^'1 and T=25Â°C. Talanta, 2007, 71, 948-963.	5.5	30
47	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.	1.2	30
48	Ionic Strength Dependence of Protonation Constants ofN-Alkyl Substituted Open Chain Diamines in NaClaq. Journal of Chemical & Engineering Data, 2004, 49, 109-115.	1.9	29
49	Formation and Stability of Cadmium(II)/Phytate Complexes by Different Electrochemical Techniques. Critical Analysis of Results. Journal of Solution Chemistry, 2010, 39, 179-195.	1.2	29
50	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.	4.9	29
51	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.	5.5	28
52	Acidâ€“Base Properties and Alkali and Alkaline Earth Metal Complex Formation in Aqueous Solution of Diethylenetriamine-N,N,Nâ€²,Nâ€³,Nâ€³-pentakis(methylenephosphonic acid) Obtained by an Efficient Synthetic Procedure. Industrial & Engineering Chemistry Research, 2014, 53, 9544-9553.	3.7	28
53	Salt effects on the protonation of l-histidine and l-aspartic acid: a complex formation model. Thermochimica Acta, 1991, 177, 39-57.	2.7	27
54	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

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55	Hydrolysis of (CH3)3Sn+ in Various Salt Media. Journal of Solution Chemistry, 1999, 28, 959-972.	1.2	27
56	Thermodynamic and spectroscopic study for the interaction of dimethyltin(IV) with Lâ€“cysteine in aqueous solution. Biophysical Chemistry, 2008, 133, 19-27.	2.8	27
57	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.	2.6	27
58	Complexation of Hg2+, CH3Hg+, Sn2+ and (CH3)2Sn2+ with phosphonic NTA derivatives. New Journal of Chemistry, 2016, 40, 1443-1453.	2.8	27
59	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
60	Modelling of proton and metal exchange in the alginate biopolymer. Analytical and Bioanalytical Chemistry, 2005, 383, 587-596.	3.7	26
61	Thermodynamic Protonation Parameters ofÂsomeÂSulfur-Containing Anions in NaClaq andÂ(CH3)4NClaq atÂt=25â€‰Â°C. Journal of Solution Chemistry, 2009, 38, 1225-1245.	1.2	26
62	Hydrolysis of methyltin(IV) trichloride in aqueous NaCl and NaNO3 solutions at different ionic strengths and temperatures. Applied Organometallic Chemistry, 1999, 13, 805-811.	3.5	25
63	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.	3.7	25
64	Activity coefficients, acidâ€“base properties and weak Na+ ion pair formation of some resorcinol derivatives. Fluid Phase Equilibria, 2010, 292, 71-79.	2.5	25
65	Total and Specific Solubility and Activity Coefficients of Neutral Species of (CH₂)_{2iâ^'2}N_i(CH₂COOH)_{i+2}Complexons in Aqueous NaCl Solutions at Different Ionic Strengths, (0 â‰¤Iâ‰¤ 5) molÂ·L^{â^'1}, and 298.15 K. Journal of Chemical & Engineering Data, 2011, 56, 437-443.	1.9	25
66	Speciation of low molecular weight carboxylic ligands in natural fluids: protonation constants and association with major components of seawater of oxydiacetic and citric acids. Analytica Chimica Acta, 1999, 398, 103-110.	5.4	24
67	Thermodynamic Parameters for the Protonation of Poly(allylamine) in Concentrated LiCl(aq) and NaCl(aq). Journal of Chemical & Engineering Data, 2004, 49, 658-663.	1.9	24
68	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.	2.5	24
69	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.	4.9	24
70	Speciation of tin(II) in aqueous solution: thermodynamic and spectroscopic study of simple and mixed hydroxocarboxylate complexes. Monatshefte FÃ¼r Chemie, 2013, 144, 761-772.	1.8	24
71	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.	1.2	24
72	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

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73	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
74	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.	1.2	22
75	Modeling the Dependence on Medium and Ionic Strength of Glutathione Acidâ^'Base Behavior in LiClaq, NaClaq, KClaq, RbClaq, CsClaq, (CH3)4NClaq, and (C2H5)4Nlaq. Journal of Chemical & Engineering Data, 2007, 52, 1028-1036.	1.9	22
76	Thermodynamics of binary and ternary interactions in the tin(II)/phytate system in aqueous solutions, in the presence of Clâ^' or Fâ^'. Journal of Chemical Thermodynamics, 2012, 51, 88-96.	2.0	22
77	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.	2.5	22
78	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.	8.2	22
79	Thermodynamics of formation of magnesium(II), calcium(II), strontium(II) and barium(II)â€"succinate complexes in aqueous solution. Thermochimica Acta, 1984, 80, 197-208.	2.7	21
80	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.	2.7	21
81	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
82	Speciation of polyelectrolytes in natural fluids Protonation and interaction of polymethacrylates with major components of seawater. Talanta, 2002, 58, 405-417.	5.5	21
83	Speciation of phytate ion in aqueous solution. Dimethyltin(IV) interactions in NaClaq at different ionic strengths. Biophysical Chemistry, 2005, 116, 111-120.	2.8	21
84	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.	1.9	21
85	Binding of polyanions by biogenic amines. II. Formation and stability of protonated putrescine and cadaverine complexes with carboxylic ligands. Talanta, 1998, 46, 1079-1084.	5.5	20
86	Speciation of organic matter in natural watersâ€"interaction of polyacrylates and polymethacrylates with major cation components of seawater. Marine Chemistry, 2004, 86, 33-44.	2.3	20
87	Sit Parameters for 1:2 Electrolytes and Correlation with Pitzer Coefficients. Annali Di Chimica, 2007, 97, 85-95.	0.6	20
88	Potentiometric and spectrophotometric characterization of the UO₂²⁺-citrate complexes in aqueous solution, at different concentrations, ionic strengths and supporting electrolytes. Radiochimica Acta, 2012, 100, 13-28.	1.2	20
89	Interaction of Alkyltin(IV) Compounds with Ligands of Interest in the Speciation of Natural fluids: Complexes of (CH3)2Sn2+ with Carboxylates. Applied Organometallic Chemistry, 1997, 11, 683-691.	3.5	19
90	Î"GÂ° and TÎ"SÂ° charge relationships for the binding of carboxylic anions by open-chain polyammonium cations. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 2395-2398.	1.7	19

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91	Binding of polyanions by biogenic amines. III. Formation and stability of protonated spermidine and spermine complexes with carboxylic ligands. Talanta, 1999, 48, 119-126.	5.5	19
92	Speciation of low molecular weight ligands in natural fluids: protonation constants and association of open chain polyamines with the major components of seawater. Analytica Chimica Acta, 2000, 418, 43-51.	5.4	19
93	Dissociation Constants of Protonated Cysteine Species in NaCl Media. Journal of Solution Chemistry, 2002, 31, 783-792.	1.2	19
94	Speciation of organotin compounds in NaCl aqueous solution: interaction of mono-, di- and tri-organotin(IV) cations with nucleotide 5â€² monophosphates. Applied Organometallic Chemistry, 2004, 18, 653-661.	3.5	19
95	Dioxouranium(VI) â€“ Carboxylate Complexes. Interaction with Dicarboxylic Acids in Alqueous Solution: Speciation and Structure. Annali Di Chimica, 2006, 96, 399-420.	0.6	19
96	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. Journal of Solution Chemistry, 2008, 37, 763-784.	1.2	19
97	Formation and stability of mixed Mg2+/Ca2+/phytate species in synthetic seawater media. Marine Chemistry, 2008, 112, 142-148.	2.3	19
98	Modeling the acid-base properties of molybdate(VI) in different ionic media, ionic strengths and temperatures, by EDH, SIT and Pitzer equations. Journal of Molecular Liquids, 2017, 229, 15-26.	4.9	19
99	Speciation of poly-amino carboxylic compounds in seawater. Chemical Speciation and Bioavailability, 2003, 15, 75-86.	2.0	18
100	Interaction of UO22+ with ATP in aqueous ionic media. Biophysical Chemistry, 2005, 117, 147-153.	2.8	18
101	Speciation of phytate ion in aqueous solution. Protonation in CsClaq at different ionic strengths and mixing effects in LiClaq+CsClaq. Journal of Molecular Liquids, 2008, 138, 76-83.	4.9	18
102	Alkali Metal Ion Complexes with Phosphates, Nucleotides, Amino Acids, and Related Ligands of Biological Relevance. Their Properties in Solution. Metal Ions in Life Sciences, 2016, 16, 133-166.	2.8	18
103	Protonation Constants and Association of Polycarboxylic Ligands with the Major Components of Seawater. Journal of Chemical & Engineering Data, 2000, 45, 996-1000.	1.9	17
104	Critical Evaluation of Protonation Constants. Literature Analysis and Experimental Potentiometric and Calorimetric Data for the Thermodynamics of Phthalate Protonation in Different Ionic Media. Journal of Solution Chemistry, 2006, 35, 1227-1244.	1.2	17
105	Thermodynamic data for lanthanoid(III) sequestration by phytate at different temperatures. Monatshefte FÃ¼r Chemie, 2010, 141, 511-520.	1.8	17
106	On the complexation of metal cations with â€œpureâ€• diethylenetriamine-N,N,Nâ€²,Nâ€²â€²,Nâ€²â€²-pentakis(methylenephosphonic) acid. New Journal of Chemistry, 2017, 41, 4065-4075.	2.8	17
107	Interactions of diethylenetriaminepentaacetic acid (dtpa) and triethylenetetraaminehexaacetic acid (ttha) with major components of natural waters. Analytical and Bioanalytical Chemistry, 2003, 375, 956-967.	3.7	16
108	SIT Parameters for the Dependence of (Poly)carboxylate Activity Coefficients on Ionic Strength in (C₂H₄)₄NI_{aq} (0 â‰¤ I â‰¤ 1.2 molÂ·kg⁻¹) and (CH₃)₄NCl_{aq} (0 â‰¤ I â‰¤ 3.9 molÂ·kg⁻¹) in the Temperature Range 278 K â‰¤ T â‰¤ 328 K and Correlation with Pitzer Parameters. Journal of Chemical & Engineering Data, 2007, 52, 2195-2203.	1.9	16

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109	On the Complexation of Cu(II) and Cd(II) With Polycarboxyl Ligands. Potentiometric Studies With ISE-H+, ISE-Cu2+, and ISE-Cd2+. Journal of Chemical & Engineering Data, 2010, 55, 714-722.	1.9	16
110	Solubility, activity coefficients and acidâ€“base properties of three naphthol derivatives in NaCl(aq) at different ionic strengths and at T=298.15K. Journal of Molecular Liquids, 2011, 158, 50-56.	4.9	16
111	SALMO and S₃M: A Saliva Model and a Single Saliva Salt Model for Equilibrium Studies. Bioinorganic Chemistry and Applications, 2015, 2015, 1-12.	4.1	16
112	Thermodynamic solution properties of a biodegradable chelant (MGDA) and its interaction with the major constituents of natural fluids. Fluid Phase Equilibria, 2017, 434, 63-73.	2.5	16
113	Equilibrium studies in natural fluids: interactions of -PO₄^{3â^’}, -P₂O₇^{4â^’}and -P₃O₁₀^{5â^’}with the major constituents of sea water. Chemical Speciation and Bioavailability, 1998, 10, 19-26.	2.0	15
114	Investigations on ancient mortars from the Basilian monastery of FragalÃ. Journal of Thermal Analysis and Calorimetry, 2008, 91, 477-485.	3.6	15
115	Sequestering ability of phytate towards protonated BPEI and other polyammonium cations in aqueous solution. Biophysical Chemistry, 2008, 136, 108-114.	2.8	15
116	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. Monatshefte FÃ¼r Chemie, 2015, 146, 527-540.	1.8	15
117	Complexation of environmentally and biologically relevant metals with bifunctional 3-hydroxy-4-pyridinones. Journal of Molecular Liquids, 2020, 319, 114349.	4.9	15
118	EQUILIBRIUM STUDIES IN NATURAL WATERS:SPECIATION OF PHENOLIC COMPOUNDS IN SYNTHETIC SEAWATER AT DIFFERENT SALINITIES. Environmental Toxicology and Chemistry, 1995, 14, 767.	4.3	15
119	Mixed proton complexes of aminoacids and carboxylic ligands in aqueous solution. Talanta, 1993, 40, 629-635.	5.5	14
120	Formation and stability of proton-amine-inorganic anion complexes in aqueous solution. Journal of Solution Chemistry, 1995, 24, 325-341.	1.2	14
121	Salt effects on the protonation of polymethacrylate and Na+, K+, Ca2+ complex formation. Fluid Phase Equilibria, 1999, 163, 127-137.	2.5	14
122	Interaction of Polyamines with Mg2+and Ca2+. Journal of Chemical & Engineering Data, 1999, 44, 744-749.	1.9	14
123	Complexes of Azelaic and Diethylenetrioxydiacetic Acids with Na+, Mg2+, and Ca2+ in NaCl Aqueous Solutions, at 25 Â°C. Journal of Chemical & Engineering Data, 2000, 45, 15-19.	1.9	14
124	Binding of acrylic and sulphonic polyanions by open-chain polyammonium cations. Talanta, 2001, 53, 1241-1248.	5.5	14
125	Dissociation constants of protonated cysteine species in seawater media. Marine Chemistry, 2006, 99, 52-61.	2.3	14
126	Uranium(VI) sequestration by polyacrylic and fulvic acids in aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 689-697.	1.5	14

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127	Solubility, Activity Coefficients, and Protonation Sequence of Risedronic Acid. Journal of Chemical & Engineering Data, 2014, 59, 3728-3740.	1.9	14
128	Thermodynamics for Proton Binding of Pyridine in Different Ionic Media at Different Temperatures. Journal of Chemical & Engineering Data, 2014, 59, 143-156.	1.9	14
129	Solubility and modeling acidâ€“base properties of adrenaline in NaCl aqueous solutions at different ionic strengths and temperatures. European Journal of Pharmaceutical Sciences, 2015, 78, 37-46.	4.0	14
130	Thermodynamic Properties of O-Donor Polyelectrolytes: Determination of the Acidâ€“Base and Complexing Parameters in Different Ionic Media at Different Temperatures. Journal of Chemical & Engineering Data, 2017, 62, 2676-2688.	1.9	14
131	A new bis-(3-hydroxy-4-pyridinone)-DTPA-derivative: Synthesis, complexation of di-/tri-valent metal cations and in vivo M3+ sequestering ability. Journal of Molecular Liquids, 2019, 281, 280-294.	4.9	14
132	Speciation Studies of Bifunctional 3-Hydroxy-4-Pyridinone Ligands in the Presence of Zn2+ at Different Ionic Strengths and Temperatures. Molecules, 2019, 24, 4084.	3.8	14
133	Understanding the Solution Behavior of Epinephrine in the Presence of Toxic Cations: A Thermodynamic Investigation in Different Experimental Conditions. Molecules, 2020, 25, 511.	3.8	14
134	Caffeic Acid/Eu(III) Complexes: Solution Equilibrium Studies, Structure Characterization and Biological Activity. International Journal of Molecular Sciences, 2022, 23, 888.	4.1	14
135	Protonation thermodynamics of 2,2'-bipyridyl in aqueous solution. Salt effects and weak complex formation. Thermochimica Acta, 1993, 214, 325-338.	2.7	13
136	Dissociation constants of protonated methionine species in NaCl media. Biophysical Chemistry, 2003, 105, 79-87.	2.8	13
137	Dissociation Constants for Citric Acid in NaCl and KCl Solutions and their Mixtures at 25 Â°C. Journal of Solution Chemistry, 2004, 33, 1349-1366.	1.2	13
138	Speciation of Al³⁺ in fairly concentrated solutions (20â€“200 mmol L^{â^'1}) at I=1 mol L^{â^'1} (NaNO₃), in the acidic pH range, at different temperatures. Chemical Speciation and Bioavailability, 2011, 23, 33-37.	2.0	13
139	Protonation Constants, Activity Coefficients, and Chloride Ion Pair Formation of Some Aromatic Amino-Compounds in NaCl_{aq} (0 molÂ·kg^{â€“1} â‰¤ I â‰¤ 3 molÂ·kg^{â€“1}) at T = 298.15 K. Journal of Chemical & Engineering Data, 2012, 57, 1851-1859.	1.9	13
140	Formation, stability and empirical relationships for the binding of Sn2+ by O-, N- and S-donor ligands. Journal of Molecular Liquids, 2014, 200, 329-339.	4.9	13
141	Thermodynamic Data for the Modeling of Lanthanoid(III) Sequestration by Reduced Glutathione in Aqueous Solution. Journal of Chemical & Engineering Data, 2015, 60, 192-201.	1.9	13
142	Sequestration of HEDPA , NTA and phosphonic NTA derivatives towards Al 3+ in aqueous solution. Journal of Molecular Liquids, 2018, 261, 96-106.	4.9	13
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