# Concetta De Stefano

## List of Publications by Year in Descending Order



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| 228 papers | 3,955 citations | 31 h-index | 45 g-index |
| 235 ext. papers | 4,191 ext. citations | 3.8 avg, IF | 5.08 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 228 | Risedronate complexes with Mg2+, Zn2+, Pb2+, and Cu2+: Species thermodynamics and sequestering ability in NaCl(aq) at different ionic strengths and at T = 298.15 K. *Journal of Molecular Liquids*, **2021**, 343, 117699 | 6 | 1 |
| 227 | Towards a rational design of materials for the removal of environmentally relevant cations: polymer inclusion membranes (PIMs) and surface-modified PIMs for Sn sequestration in aqueous solution. *Environmental Science and Pollution Research*, **2021**, 28, 51072-51087 | 5.1 | |
| 226 | Behavior of Antibacterial Ofloxacin; Hydronation Constants and Solubility in Aqueous Solutions of Sodium Chloride at Different Temperatures. *Journal of Solution Chemistry*, **2021**, 50, 1236-1257 | 1.8 | |
| 225 | Thermodynamic Behavior of Polyalcohols and Speciation Studies in the Presence of Divalent Metal Cations. *Journal of Chemical & Engineering Data*, **2020**, 65, 2805-2812 | 2.8 | 1 |
| 224 | Understanding the Solution Behavior of Epinephrine in the Presence of Toxic Cations: A Thermodynamic Investigation in Different Experimental Conditions. *Molecules*, **2020**, 25, | 4.8 | 1 |
| 223 | Thermodynamic Study on the Protonation and Complexation of the Neuroleptic Drug, Gabapentin with Na+, Ca2+ and Mg2+ at Various Temperatures and Ionic Strengths. *Journal of Solution Chemistry*, **2020**, 49, 1225-1236 | 1.8 | 0 |
| 222 | Complexation of environmentally and biologically relevant metals with bifunctional 3-hydroxy-4-pyridinones. *Journal of Molecular Liquids*, **2020**, 319, 114349 | 6 | 1 |
| 221 | Nature as Resource. Thermodynamic characterization of natural and synthetic polymers and their sequestering ability towards some bivalent metal cations. *Journal of Chemical Thermodynamics*, **2020**, 150, 106205 | 2.9 | |
| 220 | Thermodynamic Study on the Interaction of Nicotinic Acid with H+, Na+, Ca2+ and Mg2+ at Different Temperatures and Ionic Strengths. *Journal of Solution Chemistry*, **2019**, 48, 1671-1684 | 1.8 | 3 |
| 219 | Prediction of water solubility and Setschenow coefficients by tree-based regression strategies. *Journal of Molecular Liquids*, **2019**, 282, 401-406 | 6 | 4 |
| 218 | 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 | 6 | 4 |
| 217 | Speciation Studies of Bifunctional 3-Hydroxy-4-Pyridinone Ligands in the Presence of Zn at Different Ionic Strengths and Temperatures. *Molecules*, **2019**, 24, | 4.8 | 1 |
| 216 | Thermodynamic study on polyaspartic acid biopolymer in solution and prediction of its chemical speciation and bioavailability in natural fluids. *Journal of Molecular Liquids*, **2019**, 274, 68-76 | 6 | 4 |
| 215 | Characterization of the thermodynamic properties of some benzenepolycarboxylic acids: Acid-base properties, weak complexes, total and neutral species solubility, solubility products in NaClaq, (CH3)4NClaq and Synthetic Sea Water (SSW). *Fluid Phase Equilibria*, **2019**, 480, 41-52 | 2.5 | 1 |
| 214 | Phytate□holybdate(VI) interactions in NaCl(aq) at different ionic strengths: unusual behaviour of the protonated species. *New Journal of Chemistry*, **2018**, 42, 7671-7679 | 3.6 | 2 |
| 213 | Solubility, acid-base properties and thermodynamics of interaction between three NTA-phosphonate derivatives and the main cationic components (H+, Na+, Mg2+ and Ca2+) of natural fluids. *Journal of Chemical Thermodynamics*, **2018**, 123, 117-127 | 2.9 | 5 |
| 212 | Sequestration of HEDPA, NTA and phosphonic NTA derivatives towards Al3+ in aqueous solution. *Journal of Molecular Liquids*, **2018**, 261, 96-106 | 6 | 9 |

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| 211 | Thermodynamic Study on the Protonation and Na+, Ca2+, Mg2+-Complexation of a Biodegradable Chelant (HEIDA) at Different Ionic Strengths and Temperatures. *Journal of Solution Chemistry*, **2018**, 47, 528-543 | 1.8 | 1 |
| 210 | Bifunctional 3-hydroxy-4-pyridinones as effective aluminium chelators: synthesis, solution equilibrium studies and in vivo evaluation. *Journal of Inorganic Biochemistry*, **2018**, 186, 116-129 | 4.2 | 7 |
| 209 | Complexation of Molybdenum(VI) with GLDA at Different Ionic Strengths. *Journal of Solution Chemistry*, **2018**, 47, 1965-1979 | 1.8 | 0 |
| 208 | New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca2+, Cu2+, Zn2+, Al3+, Fe3+ and biological assays. *Journal of Molecular Liquids*, **2018**, 272, 609-624 | 6 | 6 |
| 207 | Use of Gantrez Copolymers as Potential Chelating Agent for the Selective Sequestration of Metal Ions. Studies of the Interactions in Aqueous Solution at Different Ionic Strengths and Temperatures. *Journal of Chemical & Engineering Data*, **2018**, 63, 4193-4204 | 2.8 | 2 |
| 206 | Exploring various ligand classes for the efficient sequestration of stannous cations in the environment. *Science of the Total Environment*, **2018**, 643, 704-714 | 10.2 | 2 |
| 205 | Potentiometric, UV and H NMR study on the interaction of penicillin derivatives with Zn(II) in aqueous solution. *Biophysical Chemistry*, **2017**, 223, 1-10 | 3.5 | 11 |
| 204 | Thermodynamic Parameters for the Interaction of Amoxicillin and Ampicillin with Magnesium in NaCl Aqueous Solution, at Different Ionic Strengths and Temperatures. *Journal of Chemical & Engineering Data*, **2017**, 62, 1018-1027 | 2.8 | 6 |
| 203 | On the complexation of metal cations with [pure] diethylenetriamine-N,N,N?,N??,N??-pentakis(methylenephosphonic) acid. *New Journal of Chemistry*, **2017**, 41, 4065-4075 | 3.6 | 12 |
| 202 | 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 | 11 |
| 201 | Understanding the bioavailability and sequestration of different metal cations in the presence of a biodegradable chelant MGDA in biological fluids and natural waters. *Chemosphere*, **2017**, 183, 107-118 | 8.4 | 5 |
| 200 | Thermodynamic Properties of O-Donor Polyelectrolytes: Determination of the Acid[Base and Complexing Parameters in Different Ionic Media at Different Temperatures. *Journal of Chemical & Engineering Data*, **2017**, 62, 2676-2688 | 2.8 | 7 |
| 199 | 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 | 6 | 12 |
| 198 | Thermodynamics (Solubility and Protonation Constants) of Risedronic Acid in Different Media and Temperatures (283.15[318.15 K). *Journal of Solution Chemistry*, **2017**, 46, 1903-1927 | 1.8 | 5 |
| 197 | Polycarboxylic acids in sea water: acid[base properties, solubilities, activity coefficients, and complex formation constants at different salinities. *Monatshefte F[ Chemie*, **2016**, 147, 1481-1505 | 1.4 | 1 |
| 196 | Acid[Base and Thermodynamic Properties of d-Gluconic Acid and Its Interaction with Sn2+ and Zn2+. *Journal of Chemical & Engineering Data*, **2016**, 61, 2040-2051 | 2.8 | 5 |
| 195 | Complexation of Hg2+, CH3Hg+, Sn2+ and (CH3)2Sn2+ with phosphonic NTA derivatives. *New Journal of Chemistry*, **2016**, 40, 1443-1453 | 3.6 | 26 |
| 194 | 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 | 8.4 | 16 |

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| 193 | 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, 133-66 | 2.6 | 15 |
| 192 | Thermodynamic Study on the Protonation and Complexation of GLDA with Ca2+ and Mg2+ at Different Ionic Strengths and Ionic Media at 298.15 K. *Journal of Chemical & Engineering Data*, **2016**, 61, 1895-1903 | 2.8 | 8 |
| 191 | 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 F□ Chemie*, **2015**, 146, 527-540 | 1.4 | 14 |
| 190 | On the interaction of phytate with proton and monocharged inorganic cations in different ionic media, and modeling of acid-base properties at low ionic strength. *Journal of Chemical Thermodynamics*, **2015**, 90, 51-58 | 2.9 | 8 |
| 189 | Solubility and modeling acid-base properties of adrenaline in NaCl aqueous solutions at different ionic strengths and temperatures. *European Journal of Pharmaceutical Sciences*, **2015**, 78, 37-46 | 5.1 | 8 |
| 188 | Thermodynamic Data for the Modeling of Lanthanoid(III) Sequestration by Reduced Glutathione in Aqueous Solution. *Journal of Chemical & Engineering Data*, **2015**, 60, 192-201 | 2.8 | 6 |
| 187 | Modelling the Hydrolysis of Mixed Mono-, Di- and Trimethyltin(IV) Complexes in Aqueous Solutions. *Journal of Solution Chemistry*, **2015**, 44, 1611-1625 | 1.8 | 1 |
| 186 | SALMO and S3M: A Saliva Model and a Single Saliva Salt Model for Equilibrium Studies. *Bioinorganic Chemistry and Applications*, **2015**, 2015, 267985 | 4.2 | 8 |
| 185 | Thermodynamics of Zn2+ 2-mercaptopyridine-N-oxide and 2-hydroxypyridine-N-oxide interactions: Stability, solubility, activity coefficients and medium effects. *Journal of Molecular Liquids*, **2015**, 211, 876-884 | 6 | 3 |
| 184 | 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. *Journal of Molecular Liquids*, **2014**, 195, 9-16 | 6 | 24 |
| 183 | Evaluation of the sequestering ability of different complexones towards Ag+ ion. *Journal of Molecular Liquids*, **2014**, 199, 432-439 | 6 | 6 |
| 182 | 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. *Industrial & Engineering Chemistry Research*, **2014**, 53, 9544-9553 | 3.9 | 22 |
| 181 | Sequestering Ability of Aminopolycarboxylic (APCs) and Aminopolyphosphonic (APPs) Ligands Toward Palladium(II) in Aqueous Solution. *Journal of Chemical & Engineering Data*, **2014**, 59, 1970-1983 | 2.8 | 6 |
| 180 | Solubility, Activity Coefficients, and Protonation Sequence of Risedronic Acid. *Journal of Chemical & Engineering Data*, **2014**, 59, 3728-3740 | 2.8 | 14 |
| 179 | Thermodynamics for Proton Binding of Pyridine in Different Ionic Media at Different Temperatures. *Journal of Chemical & Engineering Data*, **2014**, 59, 143-156 | 2.8 | 12 |
| 178 | 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 | 1.3 | 18 |
| 177 | The effect of the tetraalkylammonium salts on the protonation thermodynamics of the phytate anion. *Fluid Phase Equilibria*, **2014**, 383, 126-133 | 2.5 | 8 |
| 176 | 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 | 6 | 13 |

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| 175 | Chelating agents for the sequestration of mercury(II) and monomethyl mercury(II). *Current Medicinal Chemistry*, **2014**, 21, 3819-36 | 4.3 | 52 |
| 174 | Sequestration of alkyltin(IV) cations by complexation with amino-polycarboxylic chelating agents. *Journal of Molecular Liquids*, **2013**, 187, 74-82 | 6 | 3 |
| 173 | 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 acidBase properties. *Fluid Phase Equilibria*, **2013**, 355, 104-113 | 2.5 | 20 |
| 172 | Speciation of tin(II) in aqueous solution: thermodynamic and spectroscopic study of simple and mixed hydroxocarboxylate complexes. *Monatshefte F Chemie*, **2013**, 144, 761-772 | 1.4 | 21 |
| 171 | Thermodynamic study of the non covalent interactions of phytate with xanthine derivatives and histamine in aqueous solution. *Journal of Molecular Liquids*, **2013**, 178, 37-43 | 6 | 6 |
| 170 | Thermodynamic study on the protonation of glycine in different (water+1-butyl-3-methylimidazolium tetrafluoroborate) mixed solvents and ionic strengths. *Journal of Chemical Thermodynamics*, **2013**, 67, 163-169 | 2.9 | 3 |
| 169 | AcidBase 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 | 1.8 | 24 |
| 168 | Thermodynamic Properties of Dopamine in Aqueous Solution. AcidBase Properties, Distribution, and Activity Coefficients in NaCl Aqueous Solutions at Different Ionic Strengths and Temperatures. *Journal of Chemical & Engineering Data*, **2013**, 58, 2835-2847 | 2.8 | 37 |
| 167 | Thermodynamics for proton binding of phytate in KNO3(aq) at different temperatures and ionic strengths. *Thermochimica Acta*, **2013**, 566, 193-202 | 2.9 | 6 |
| 166 | Enhancement of Hydrolysis through the Formation of Mixed Heterometal Species: Al3+/CH3Sn3+ Mixtures. *Journal of Chemical & Engineering Data*, **2013**, 58, 821-826 | 2.8 | 5 |
| 165 | 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 | 6 | 22 |
| 164 | Protonation thermodynamics of some aminophenol derivatives in NaCl(aq) (0 ? I ?3 mol kg1) at T = 298.15 K. *Journal of Chemical Thermodynamics*, **2012**, 44, 154-162 | 2.9 | 8 |
| 163 | Thermodynamics of binary and ternary interactions in the tin(II)/phytate system in aqueous solutions, in the presence of Cl or F *Journal of Chemical Thermodynamics*, **2012**, 51, 88-96 | 2.9 | 21 |
| 162 | Quantitative Study of the Interaction between ATP and Aromatic Amines in Aqueous Solution. *Journal of Solution Chemistry*, **2012**, 41, 1240-1253 | 1.8 | 3 |
| 161 | Protonation Constants, Activity Coefficients, and Chloride Ion Pair Formation of Some Aromatic Amino-Compounds in NaClaq(0 molkg1 I 3 molkg1) at T = 298.15 K. *Journal of Chemical & Engineering Data*, **2012**, 57, 1851-1859 | 2.8 | 11 |
| 160 | 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 | 2.8 | 17 |
| 159 | Sequestration of (CH3)Hg+ by amino-polycarboxylic chelating agents. *Journal of Molecular Liquids*, **2012**, 172, 46-52 | 6 | 7 |
| 158 | The inorganic speciation of tin(II) in aqueous solution. *Geochimica Et Cosmochimica Acta*, **2012**, 87, 1-20 | 5.5 | 49 |

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| 157 | Modeling solubility, acid-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, 661-77 | 5.1 | 27 |
| 156 | Modeling the acid-base properties of glutathione in different ionic media, with particular reference to natural waters and biological fluids. *Amino Acids*, **2012**, 43, 629-48 | 3.5 | 38 |
| 155 | Some thermodynamic properties of dl-Tyrosine and dl-Tryptophan. Effect of the ionic medium, ionic strength and temperature on the solubility and acidBase properties. *Fluid Phase Equilibria*, **2012**, 314, 185-197 | 2.5 | 23 |
| 154 | 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 | 1.9 | 17 |
| 153 | Palladium(II) Complexes of Aminopolycarboxylic Ligands in Aqueous Solution. *Journal of Chemical & Engineering Data*, **2011**, 56, 4759-4771 | 2.8 | 9 |
| 152 | Speciation of Al3+ in fairly concentrated solutions (20200 mmol L1) at I=1 mol L1 (NaNO3), in the acidic pH range, at different temperatures. *Chemical Speciation and Bioavailability*, **2011**, 23, 33-37 | | 12 |
| 151 | Hydrolysis of Monomethyl-, Dimethyl-, and Trimethyltin(IV) Cations in Fairly Concentrated Aqueous Solutions atI= 1 molL1(NaNO3) andT= 298.15 K. Evidence for the Predominance of Polynuclear Species. *Journal of Chemical & Engineering Data*, **2011**, 56, 1108-1115 | 2.8 | 10 |
| 150 | Uranium(VI) sequestration by polyacrylic and fulvic acids in aqueous solution. *Journal of Radioanalytical and Nuclear Chemistry*, **2011**, 289, 689-697 | 1.5 | 11 |
| 149 | Total and Specific Solubility and Activity Coefficients of Neutral Species of (CH2)2i2Ni(CH2COOH)i+2 Complexons in Aqueous NaCl Solutions at Different Ionic Strengths, (0 I 5) molL1, and 298.15 K. *Journal of Chemical & Engineering Data*, **2011**, 56, 437-443 | 2.8 | 23 |
| 148 | Solubility, activity coefficients and acidBase 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 | 6 | 13 |
| 147 | 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 |
| 146 | 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 | 2.8 | 14 |
| 145 | Speciation of chitosanPhosphate and chitosanNucleotide systems in NaCl aqueous solution. *Chemical Speciation and Bioavailability*, **2010**, 22, 99-107 | | 5 |
| 144 | Dissociation Constants of Protonated Oxidized Glutathione in Seawater Media at Different Salinities. *Aquatic Geochemistry*, **2010**, 16, 447-466 | 1.7 | 12 |
| 143 | Thermodynamic data for lanthanoid(III) sequestration by phytate at different temperatures. *Monatshefte F Chemie*, **2010**, 141, 511-520 | 1.4 | 14 |
| 142 | Formation and Stability of Cadmium(II)/Phytate Complexes by Different Electrochemical Techniques. Critical Analysis of Results. *Journal of Solution Chemistry*, **2010**, 39, 179-195 | 1.8 | 27 |
| 141 | Sequestration of some biogenic amines and poly(allyl)amine by high molecular weight polycarboxylic ligands in aqueous solution. *Journal of Molecular Liquids*, **2010**, 151, 138-144 | 6 | 5 |
| 140 | Activity coefficients, acidBase properties and weak Na+ ion pair formation of some resorcinol derivatives. *Fluid Phase Equilibria*, **2010**, 292, 71-79 | 2.5 | 24 |

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| 139 | Speciation of chitosan with low and high molecular weight carboxylates in aqueous solution. *Chemical Speciation and Bioavailability*, **2009**, 21, 81-91 | | 5 |
| 138 | Sequestration of Alkyltin(IV) compounds in aqueous solution: formation, stability, and empirical relationships for the binding of dimethyltin(IV) cation by N- and O-donor ligands. *Bioinorganic Chemistry and Applications*, **2009**, 219818 | 4.2 | 10 |
| 137 | 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 | 1.8 | 27 |
| 136 | Thermodynamic Protonation Parameters of some Sulfur-Containing Anions in NaClaq and (CH3)4NClaq at t=25 °C. *Journal of Solution Chemistry*, **2009**, 38, 1225-1245 | 1.8 | 25 |
| 135 | Sequestering Ability of Dicarboxylic Ligands Towards Dioxouranium(VI) in NaCl and KNO3 Aqueous Solutions at T=298.15 K. *Journal of Solution Chemistry*, **2009**, 38, 1343-1356 | 1.8 | 12 |
| 134 | Acid–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 | 2.8 | 38 |
| 133 | Mixing Effects on the Protonation of Polycarboxylates. Protonation of Benzenehexacarboxylate in LiCl–KCl, NaCl–KCl, NaCl–LiCl, and LiCl–CsCl Aqueous Solutions at I = 1 mol·L⁻¹ and T = 298.15 K. *Journal of Chemical & Engineering Data*, **2009**, 54, 2137-2139 | 2.8 | 5 |
| 132 | Medium Effect on the Acid–Base Properties of Branched Polyethylenimine in Different Aqueous Electrolyte Solutions. *Journal of Chemical & Engineering Data*, **2009**, 54, 502-510 | 2.8 | 6 |
| 131 | Investigations on ancient mortars from the Basilian monastery of Fragal. *Journal of Thermal Analysis and Calorimetry*, **2008**, 91, 477-485 | 4.1 | 13 |
| 130 | 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 | 1.8 | 18 |
| 129 | Effect of Ionic Strength and Temperature on the Protonation of Oxidized Glutathione. *Journal of Solution Chemistry*, **2008**, 37, 1245-1259 | 1.8 | 7 |
| 128 | Interaction of methyltin(IV) compounds with carboxylate ligands. Part 2: formation thermodynamic parameters, predictive relationships and sequestering ability. *Applied Organometallic Chemistry*, **2008**, 22, 30-38 | 3.1 | 12 |
| 127 | Formation and stability of mixed Mg2+/Ca2+/phytate species in synthetic seawater media: Consequences on ligand speciation. *Marine Chemistry*, **2008**, 112, 142-148 | 3.7 | 19 |
| 126 | Thermodynamic and spectroscopic study for the interaction of dimethyltin(IV) with L-cysteine in aqueous solution. *Biophysical Chemistry*, **2008**, 133, 19-27 | 3.5 | 26 |
| 125 | Sequestering ability of phytate towards protonated BPEI and other polyammonium cations in aqueous solution. *Biophysical Chemistry*, **2008**, 136, 108-14 | 3.5 | 14 |
| 124 | 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. *Fluid Phase Equilibria*, **2008**, 272, 47-52 | 2.5 | 23 |
| 123 | Formation and stability of phytate complexes in solution. *Coordination Chemistry Reviews*, **2008**, 252, 1108-1120 | 23.2 | 147 |
| 122 | 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 | 6 | 18 |

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| 121 | SIT Parameters for the Dependence of (Poly)carboxylate Activity Coefficients on Ionic Strength in (C2H4)4NIaq (0 I 1.2 mol kg-1) and (CH3)4NClaq (0 I 3.9 mol kg-1) in the Temperature Range 278 K T 328 K and Correlation with Pitzer Parameters. *Journal of Chemical & Engineering Data*, **2007**, 52, 2195-2203 | 2.8 | 16 |
| 120 | Modeling the Dependence on Medium and Ionic Strength of Glutathione Acid Base Behavior in LiClaq, NaClaq, KClaq, RbClaq, CsClaq, (CH3)4NClaq, and (C2H5)4NIaq. *Journal of Chemical & Engineering Data*, **2007**, 52, 1028-1036 | 2.8 | 21 |
| 119 | SIT parameters for 1:2 electrolytes and correlation with Pitzer coefficients. *Annali Di Chimica*, **2007**, 97, 85-95 | | 18 |
| 118 | Dioxouranium(VI)-carboxylate complexes. Speciation of UO2(2+)-1,2,3-propanetricarboxylate system in NaCl(aq) at different ionic strengths and at t=25 degrees C. *Annali Di Chimica*, **2007**, 97, 163-75 | | 6 |
| 117 | Dissociation constants of protonated methionine species in seawater media. *Marine Chemistry*, **2007**, 106, 463-470 | 3.7 | 4 |
| 116 | Dioxouranium(VI)-Carboxylate Complexes. Interaction of ({rm OU}_{2}^{2+}) with 1,2,3,4,5,6-Benzenehexacarboxylate (Mellitate) in 0 (NaCl a q ) 1.0 mol L-1. *Journal of Solution Chemistry*, **2007**, 36, 479-496 | 1.8 | 11 |
| 115 | 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 |
| 114 | Sequestration of organometallic compounds by synthetic and naturally occurring polycarboxylate ligands. Binding of monomethylmercury(II) by polyacrylic and alginic acids. *Chemical Speciation and Bioavailability*, **2007**, 19, 129-140 | | 4 |
| 113 | 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. *Talanta*, **2007**, 71, 948-63 | 6.2 | 24 |
| 112 | Speciation of phytate ion in aqueous solution. Cadmium(II) interactions in aqueous NaCl at different ionic strengths. *Analytical and Bioanalytical Chemistry*, **2006**, 386, 346-56 | 4.4 | 25 |
| 111 | Dioxouranium(VI)--carboxylate complexes. Interaction with dicarboxylic acids in aqueous solution: speciation and structure. *Annali Di Chimica*, **2006**, 96, 399-420 | | 16 |
| 110 | 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 |
| 109 | Sequestering ability of polyaminopolycarboxylic ligands towards dioxouranium(VI) cation. *Journal of Alloys and Compounds*, **2006**, 424, 93-104 | 5.7 | 31 |
| 108 | Protonation of carbonate in aqueous tetraalkylammonium salts at 25 degrees C. *Talanta*, **2006**, 68, 1102-12 | 4.2 | 50 |
| 107 | Modeling ATP protonation and activity coefficients in NaClaq and KClaq by SIT and Pitzer equations. *Biophysical Chemistry*, **2006**, 121, 121-30 | 3.5 | 27 |
| 106 | Sequestration of biogenic amines by alginic and fulvic acids. *Biophysical Chemistry*, **2006**, 122, 221-31 | 3.5 | 6 |
| 105 | Speciation of phytate ion in aqueous solution. Sequestration of magnesium and calcium by phytate at different temperatures and ionic strengths, in NaCl(aq). *Biophysical Chemistry*, **2006**, 124, 18-26 | 3.5 | 37 |
| 104 | Dissociation constants of protonated cysteine species in seawater media. *Marine Chemistry*, **2006**, 99, 52-61 | 3.7 | 14 |

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| 103 | The PAH composition of surface sediments from Stagnone coastal lagoon, Marsala (Italy). *Marine Chemistry*, **2006**, 99, 117-127 | 3.7 | 80 |
| 102 | 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 | 1.8 | 16 |
| 101 | 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 |
| 100 | Modelling of proton and metal exchange in the alginate biopolymer. *Analytical and Bioanalytical Chemistry*, **2005**, 383, 587-96 | 4.4 | 22 |
| 99 | Speciation of phytate ion in aqueous solution. Dimethyltin(IV) interactions in NaCl(aq) at different ionic strengths. *Biophysical Chemistry*, **2005**, 116, 111-20 | 3.5 | 21 |
| 98 | Interaction of UO2(2+) with ATP in aqueous ionic media. *Biophysical Chemistry*, **2005**, 117, 147-53 | 3.5 | 17 |
| 97 | Additivity Factors in the Binding of the Diethyltin(IV) Cation by Ligands Containing Amino and Carboxylic Groups at Different Ionic Strengths. *Journal of Solution Chemistry*, **2005**, 34, 1211-1226 | 1.8 | 6 |
| 96 | Dissociation Constants for Citric Acid in NaCl and KCl Solutions and their Mixtures at 25 °C. *Journal of Solution Chemistry*, **2004**, 33, 1349-1366 | 1.8 | 13 |
| 95 | Speciation of organotin compounds in NaCl aqueous solution: interaction of mono-, di- and tri-organotin(IV) cations with nucleotide 5? monophosphates. *Applied Organometallic Chemistry*, **2004**, 18, 653-661 | 3.1 | 19 |
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