Daniela Piazzese

List of Publications by Year
in descending order

52 papers	1,171 citations	331670 21 h-index	395702 33 g-index
52 all docs	52 docs citations	52 times ranked	1148 citing authors

#	Article	IF	Citations
1	Alginate gel beads filled with halloysite nanotubes. Applied Clay Science, 2013, 72, 132-137.	5.2	91
2	Aqueous solution chemistry of alkyltin(IV) compounds for speciation studies in biological fluids and natural waters. Coordination Chemistry Reviews, 2012, 256, 222-239.	18.8	79
3	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
4	Protonation of carbonate in aqueous tetraalkylammonium salts at 25Â°C. Talanta, 2006, 68, 1102-1112.	5.5	57
5	Polycyclic Aromatic Hydrocarbons in Sediments of Marine Coastal Lagoons in Messina, Italy: Extraction and GC/MS Analysis, Distribution and Sources. Polycyclic Aromatic Compounds, 2004, 24, 135-149.	2.6	46
6	Study of [2-(2â€²-pyridyl)imidazole] complexes to confirm two main characteristic thermoanalytical behaviors of transition metal complexes based on imidazole derivatives. Journal of Analytical and Applied Pyrolysis, 2016, 117, 82-87.	5.5	46
7	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
8	Kinetic and equilibrium study for cadmium and copper removal from aqueous solutions by sorption onto mixed alginate/pectin gel beads. Journal of Environmental Chemical Engineering, 2013, 1, 1252-1260.	6.7	44
9	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
10	Combination of advanced oxidation processes and active carbons adsorption for the treatment of simulated saline wastewater. Separation and Purification Technology, 2016, 171, 101-111.	7.9	38
11	Experimental and robust modeling approach for lead(II) uptake by alginate gel beads: Influence of the ionic strength and medium composition. Journal of Colloid and Interface Science, 2014, 434, 77-88.	9.4	35
12	Solubility and acid-base properties and activity coefficients of chitosan in different ionic media and at different ionic strengths, at T=25Â°C. Journal of Molecular Liquids, 2009, 148, 120-126.	4.9	33
13	Metals distribution in the organic and inorganic fractions of soil: a case study on soils from Sicily. Chemical Speciation and Bioavailability, 2005, 17, 83-93.	2.0	32
14	Modelling of natural and synthetic polyelectrolyte interactions in natural waters by using SIT, Pitzer and Ion Pairing approaches. Marine Chemistry, 2006, 99, 93-105.	2.3	32
15	Sequestering ability of some chelating agents towards methylmercury(II). Analytical and Bioanalytical Chemistry, 2013, 405, 881-893.	3.7	31
16	Quantitative parameters for the sequestering capacity of polyacrylates towards alkaline earth metal ions. Talanta, 2003, 61, 181-194.	5.5	30
17	Inorganic speciation of organotin(IV) cations in natural waters with particular reference to seawater. Chemical Speciation and Bioavailability, 2000, 12, 41-52.	2.0	27
18	Modelling of proton and metal exchange in the alginate biopolymer. Analytical and Bioanalytical Chemistry, 2005, 383, 587-596.	3.7	26

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19	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
20	Evaluation and comparison of trace metal accumulation in different tissues of potential bioindicator organisms: Macrobenthic filter feeders Styela plicata, Sabella spallanzanii, and Mytilus galloprovincialis. Environmental Toxicology and Chemistry, 2016, 35, 3062-3070.	4.3	22
21	Speciation of polyelectrolytes in natural fluids Protonation and interaction of polymethacrylates with major components of seawater. Talanta, 2002, 58, 405-417.	5.5	21
22	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
23	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
24	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
25	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
26	Speciation of poly-amino carboxylic compounds in seawater. Chemical Speciation and Bioavailability, 2003, 15, 75-86.	2.0	18
27	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
28	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
29	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
30	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
31	Binding of acrylic and sulphonic polyanions by open-chain polyammonium cations. Talanta, 2001, 53, 1241-1248.	5.5	14
32	Uranium(VI) sequestration by polyacrylic and fulvic acids in aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 689-697.	1.5	14
33	Electrospray ion mobility mass spectrometry of positively and negatively charged (1R,2S)â€dodecyl(2â€hydroxyâ€1â€methylâ€2â€phenylethyl)dimethylammonium bromide aggregates. Rapid Communications in Mass Spectrometry, 2016, 30, 230-238.	2.5	11
34	One-Pot Analysis: a New Integrated Methodology for Determination of TAG and FA Determination through LC/MS and in-silico Saponification. Food Analytical Methods, 2018, 11, 873-882.	2.6	11
35	Zirconium and hafnium fractionation and distribution of Rare Earth Elements in neutralâ€“alkaline waters: Case study of Lake Van hydrothermal system, Turkey. Journal of Geochemical Exploration, 2021, 226, 106784.	3.2	11
36	Micelles, Rods, Liposomes, and Other Supramolecular Surfactant Aggregates: Computational Approaches. Interdisciplinary Sciences, Computational Life Sciences, 2017, 9, 392-405.	3.6	10

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37	The ascidian Styela plicata hemocytes as a potential biomarker of marine pollution: In vitro effects of seawater and organic mercury. Ecotoxicology and Environmental Safety, 2017, 136, 126-134.	6.0	10
38	Trace element fractionation through halite crystallisation: Geochemical mechanisms and environmental implications. Science of the Total Environment, 2020, 723, 137926.	8.0	9
39	Collision induced fragmentations of multiply charged sodium bis(2-ethylhexyl)-sulfosuccinate aggregates in gas phase: neutral loss versus charge separation. International Journal of Mass Spectrometry, 2016, 409, 29-37.	1.5	8
40	Chemical speciation of organic matter in natural waters. Interaction of nucleotide 5â€™ mono-, di- and triphosphates with major components of seawater. Chemical Speciation and Bioavailability, 2004, 16, 1-8.	2.0	7
41	Speciation of chitosanâ€“phosphate and chitosanâ€“nucleotide systems in NaCl aqueous solution. Chemical Speciation and Bioavailability, 2010, 22, 99-107.	2.0	7
42	Chemical speciation of nucleotide 5â€²-monophosphates in the presence of biogenic amines. Chemical Speciation and Bioavailability, 2001, 13, 113-119.	2.0	6
43	Sequestration of biogenic amines by alginic and fulvic acids. Biophysical Chemistry, 2006, 122, 221-231.	2.8	6
44	Speciation of chitosan with low and high molecular weight carboxylates in aqueous solution. Chemical Speciation and Bioavailability, 2009, 21, 81-91.	2.0	6
45	Co-inertia multivariate approach for the evaluation of anthropogenic impact on two commercial fish along Tyrrhenian coasts. Ecotoxicology and Environmental Safety, 2019, 182, 109435.	6.0	5
46	In vitro effects of methylmercury on ascidian (Styela plicata) immunocyte responses. Applied Organometallic Chemistry, 2007, 21, 1022-1028.	3.5	4
47	Hg and Se exposure in brain tissues of striped dolphin (Stenella coeruleoalba) and bottlenose dolphin (Tursiops truncatus) from the Tyrrhenian and Adriatic Seas. Ecotoxicology, 2017, 26, 250-260.	2.4	4
48	Effect of a co-substrate supply in a MBR treating shipboard slop: Analysis of hydrocarbon removal, biomass activity and membrane fouling tendency. Biochemical Engineering Journal, 2018, 140, 178-188.	3.6	4
49	Preliminary evaluation of biopolymers production by mixed microbial culture from citrus wastewater in a MBR system using respirometric techniques. Journal of Water Process Engineering, 2021, 41, 102003.	5.6	3
50	Boron and lithium behaviour in river waters under semiarid climatic conditions. Chemosphere, 2022, 306, 135509.	8.2	2
51	Protonation and complex formation of 5-sulfosalicylate in NaCl, CaCl2 and MgCl2 aqueous media. Speciation in synthetic seawater. Annali Di Chimica, 2002, 92, 551-62.	0.6	1
52	Anomalous Behavior of Zirconium and Hafnium in Volcanic Fumarolic Fluids. Geophysical Research Letters, 2022, 49, .	4.0	0