

Daniela Piazzese

List of Publications by Year in descending order

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52
papers

1,171
citations

331670

21
h-index

395702

33
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52
all docs

52
docs citations

52
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous Behavior of Zirconium and Hafnium in Volcanic Fumarolic Fluids. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	0
2	Boron and lithium behaviour in river waters under semiarid climatic conditions. <i>Chemosphere</i> , 2022, 306, 135509.	8.2	2
3	Preliminary evaluation of biopolymers production by mixed microbial culture from citrus wastewater in a MBR system using respirometric techniques. <i>Journal of Water Process Engineering</i> , 2021, 41, 102003.	5.6	3
4	Zirconium and hafnium fractionation and distribution of Rare Earth Elements in neutral-alkaline waters: Case study of Lake Van hydrothermal system, Turkey. <i>Journal of Geochemical Exploration</i> , 2021, 226, 106784.	3.2	11
5	Trace element fractionation through halite crystallisation: Geochemical mechanisms and environmental implications. <i>Science of the Total Environment</i> , 2020, 723, 137926.	8.0	9
6	Co-inertia multivariate approach for the evaluation of anthropogenic impact on two commercial fish along Tyrrhenian coasts. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109435.	6.0	5
7	One-Pot Analysis: a New Integrated Methodology for Determination of TAG and FA Determination through LC/MS and in-silico Saponification. <i>Food Analytical Methods</i> , 2018, 11, 873-882.	2.6	11
8	Effect of a co-substrate supply in a MBR treating shipboard slop: Analysis of hydrocarbon removal, biomass activity and membrane fouling tendency. <i>Biochemical Engineering Journal</i> , 2018, 140, 178-188.	3.6	4
9	Hg and Se exposure in brain tissues of striped dolphin (<i>Stenella coeruleoalba</i>) and bottlenose dolphin (<i>Tursiops truncatus</i>) from the Tyrrhenian and Adriatic Seas. <i>Ecotoxicology</i> , 2017, 26, 250-260.	2.4	4
10	Micelles, Rods, Liposomes, and Other Supramolecular Surfactant Aggregates: Computational Approaches. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2017, 9, 392-405.	3.6	10
11	The ascidian <i>Styela plicata</i> hemocytes as a potential biomarker of marine pollution: In vitro effects of seawater and organic mercury. <i>Ecotoxicology and Environmental Safety</i> , 2017, 136, 126-134.	6.0	10
12	Evaluation and comparison of trace metal accumulation in different tissues of potential bioindicator organisms: Macrobenthic filter feeders <i>Styela plicata</i> , <i>Sabella spallanzanii</i> , and <i>Mytilus galloprovincialis</i> . <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 3062-3070.	4.3	22
13	Electrospray ion mobility mass spectrometry of positively and negatively charged (1-dodecyl-2-(methylphenylethyl)dimethylammonium bromide aggregates. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 230-238.	2.5	11
14	Combination of advanced oxidation processes and active carbons adsorption for the treatment of simulated saline wastewater. <i>Separation and Purification Technology</i> , 2016, 171, 101-111.	7.9	38
15	Collision induced fragmentations of multiply charged sodium bis(2-ethylhexyl)-sulfosuccinate aggregates in gas phase: neutral loss versus charge separation. <i>International Journal of Mass Spectrometry</i> , 2016, 409, 29-37.	1.5	8
16	Study of [2-(2-pyridyl)imidazole] complexes to confirm two main characteristic thermoanalytical behaviors of transition metal complexes based on imidazole derivatives. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 82-87.	5.5	46
17	Experimental and robust modeling approach for lead(II) uptake by alginate gel beads: Influence of the ionic strength and medium composition. <i>Journal of Colloid and Interface Science</i> , 2014, 434, 77-88.	9.4	35
18	Alginate gel beads filled with halloysite nanotubes. <i>Applied Clay Science</i> , 2013, 72, 132-137.	5.2	91

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19	Kinetic and equilibrium study for cadmium and copper removal from aqueous solutions by sorption onto mixed alginate/pectin gel beads. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 1252-1260.	6.7	44
20	Sequestering ability of some chelating agents towards methylmercury(II). <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 881-893.	3.7	31
21	Aqueous solution chemistry of alkyltin(IV) compounds for speciation studies in biological fluids and natural waters. <i>Coordination Chemistry Reviews</i> , 2012, 256, 222-239.	18.8	79
22	Uranium(VI) sequestration by polyacrylic and fulvic acids in aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 689-697.	1.5	14
23	Speciation of chitosan-phosphate and chitosan-nucleotide systems in NaCl aqueous solution. <i>Chemical Speciation and Bioavailability</i> , 2010, 22, 99-107.	2.0	7
24	Speciation of chitosan with low and high molecular weight carboxylates in aqueous solution. <i>Chemical Speciation and Bioavailability</i> , 2009, 21, 81-91.	2.0	6
25	Solubility and acid-base properties and activity coefficients of chitosan in different ionic media and at different ionic strengths, at T=25°C. <i>Journal of Molecular Liquids</i> , 2009, 148, 120-126.	4.9	33
26	Acid-Base 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.	1.9	42
27	<i>In vitro</i> effects of methylmercury on ascidian (<i>Styela plicata</i>) immunocyte responses. <i>Applied Organometallic Chemistry</i> , 2007, 21, 1022-1028.	3.5	4
28	Protonation of carbonate in aqueous tetraalkylammonium salts at 25°C. <i>Talanta</i> , 2006, 68, 1102-1112.	5.5	57
29	Sequestration of biogenic amines by alginic and fulvic acids. <i>Biophysical Chemistry</i> , 2006, 122, 221-231.	2.8	6
30	Modelling of natural and synthetic polyelectrolyte interactions in natural waters by using SIT, Pitzer and Ion Pairing approaches. <i>Marine Chemistry</i> , 2006, 99, 93-105.	2.3	32
31	Modelling of proton and metal exchange in the alginate biopolymer. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 587-596.	3.7	26
32	Metals distribution in the organic and inorganic fractions of soil: a case study on soils from Sicily. <i>Chemical Speciation and Bioavailability</i> , 2005, 17, 83-93.	2.0	32
33	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.	3.5	19
34	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.	2.3	20
35	Polycyclic Aromatic Hydrocarbons in Sediments of Marine Coastal Lagoons in Messina, Italy: Extraction and GC/MS Analysis, Distribution and Sources. <i>Polycyclic Aromatic Compounds</i> , 2004, 24, 135-149.	2.6	46
36	Chemical speciation of organic matter in natural waters. Interaction of nucleotide 5' mono-, di- and triphosphates with major components of seawater. <i>Chemical Speciation and Bioavailability</i> , 2004, 16, 1-8.	2.0	7

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37	Interactions of diethylenetriaminepentaacetic acid (dtpa) and triethylenetetraaminehexaacetic acid (ttha) with major components of natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 956-967.	3.7	16
38	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.	4.1	44
39	Quantitative parameters for the sequestering capacity of polyacrylates towards alkaline earth metal ions. <i>Talanta</i> , 2003, 61, 181-194.	5.5	30
40	Speciation of poly-amino carboxylic compounds in seawater. <i>Chemical Speciation and Bioavailability</i> , 2003, 15, 75-86.	2.0	18
41	Speciation of polyelectrolytes in natural fluids Protonation and interaction of polymethacrylates with major components of seawater. <i>Talanta</i> , 2002, 58, 405-417.	5.5	21
42	Protonation and complex formation of 5-sulfosalicylate in NaCl, CaCl ₂ and MgCl ₂ aqueous media. Speciation in synthetic seawater. <i>Annali Di Chimica</i> , 2002, 92, 551-62.	0.6	1
43	Binding of acrylic and sulphonic polyanions by open-chain polyammonium cations. <i>Talanta</i> , 2001, 53, 1241-1248.	5.5	14
44	Chemical speciation of nucleotide 5'-monophosphates in the presence of biogenic amines. <i>Chemical Speciation and Bioavailability</i> , 2001, 13, 113-119.	2.0	6
45	Inorganic speciation of organotin(IV) cations in natural waters with particular reference to seawater. <i>Chemical Speciation and Bioavailability</i> , 2000, 12, 41-52.	2.0	27
46	Protonation Constants and Association of Polycarboxylic Ligands with the Major Components of Seawater. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 996-1000.	1.9	17
47	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.	1.9	14
48	Polyacrylate Protonation in Various Aqueous Ionic Media at Different Temperatures and Ionic Strengths. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 876-881.	1.9	60
49	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.	5.4	24
50	Binding of polyanions by biogenic amines. II. Formation and stability of protonated putrescine and cadaverine complexes with carboxylic ligands. <i>Talanta</i> , 1998, 46, 1079-1084.	5.5	20
51	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.	2.0	15
52	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.	3.5	19