

Marcela Zanetti Corazza

List of Publications by Year in descending order

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27
papers

545
citations

687363

13
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of imprinted polyvinylimidazole-silica hybrid copolymer for Pb ²⁺ determination by flow-injection thermospray flame furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2011, 703, 145-151.	5.4	95
2	Methyl orange and tartrazine yellow adsorption on activated carbon prepared from boiler residue: Kinetics, isotherms, thermodynamics studies and material characterization. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6669-6679.	6.7	60
3	Preparation of new ion-selective cross-linked poly(vinylimidazole-co-ethylene glycol dimethacrylate) using a double-imprinting process for the preconcentration of Pb ²⁺ ions. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 254-263.	9.4	37
4	Cellulose microfiber functionalized with N,N-bis (2-aminoethyl)-1,2-ethanediamine as a solid sorbent for the fast preconcentration of Cd(II) in flow system analysis. <i>Talanta</i> , 2011, 85, 2417-2424.	5.5	34
5	Factorial design for Fe, Cu, Zn, Se and Pb preconcentration optimization with APDC and analysis with a portable X-ray fluorescence system. <i>Talanta</i> , 2007, 73, 121-126.	5.5	33
6	Grafting 3-mercaptopropyl trimethoxysilane on multi-walled carbon nanotubes surface for improving on-line cadmium(II) preconcentration from water samples. <i>Journal of Hazardous Materials</i> , 2012, 243, 326-333.	12.4	32
7	Synthesis and characterization of cross-linked molecularly imprinted polyacrylamide for the extraction/preconcentration of glyphosate and aminomethylphosphonic acid from water samples. <i>Reactive and Functional Polymers</i> , 2014, 83, 76-83.	4.1	32
8	Study of cross-linked poly(methacrylic acid) and polyvinylimidazole as selective adsorbents for on-line preconcentration and redox speciation of chromium with flame atomic absorption spectrometry determination. <i>Microchemical Journal</i> , 2014, 117, 18-26.	4.5	31
9	On-line micro-solid phase preconcentration of Cd ²⁺ coupled to TS-FF-AAS using a novel ion-selective bifunctional hybrid imprinted adsorbent. <i>Microchemical Journal</i> , 2017, 131, 57-69.	4.5	26
10	Synthesis of novel copper ion-selective material based on hierarchically imprinted cross-linked poly(acrylamide-co-ethylene glycol dimethacrylate). <i>Reactive and Functional Polymers</i> , 2014, 82, 72-80.	4.1	23
11	Development and feasibility of emulsion breaking method for the extraction of cadmium from omega-3 dietary supplements and determination by flow injection TS-FF-AAS. <i>Microchemical Journal</i> , 2016, 127, 145-151.	4.5	23
12	Vortex-assisted magnetic solid-phase extraction of cadmium in food, medicinal herb, and water samples using silica-coated thiol-functionalized magnetic multiwalled carbon nanotubes as adsorbent. <i>Food Chemistry</i> , 2022, 368, 130823.	8.2	18
13	3-mercaptopropyltrimethoxysilane-Modified Multi-walled Carbon Nanotubes as a New Functional Adsorbent for Flow Injection Extraction of Pb(II) from Water and Sediment Samples. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 6069-6081.	2.4	15
14	Assessment of organosilane-functionalized nano-carbon black for interference-free on-line Pb(II) ion enrichment in water, herbal medicines and environmental samples. <i>Analytical Methods</i> , 2016, 8, 2820-2830.	2.7	13
15	Synthesis of Pb(II)-imprinted poly(methacrylic acid) polymeric particles loaded with 1-(2-pyridylazo)-2-naphthol (PAN) for micro-solid phase preconcentration of Pb ²⁺ on-line coupled to flame atomic absorption spectrometry. <i>RSC Advances</i> , 2017, 7, 33001-33011.	3.6	13
16	Monte Carlo method applied to modeling copper transport in river sediments. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012, 26, 1063-1079.	4.0	11
17	A Facile Vortex-Assisted Dispersive Liquid-Liquid Microextraction Method for the Determination of Uranyl Ion at Low Levels by Spectrophotometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 215-220.	2.7	10
18	Preconcentration of Nickel(II) by a Mini-Flow System with a Novel Ternary Oxide Solid Phase and Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2016, 49, 723-736.	1.8	10

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19	Feasibility of dispersive liquid-liquid microextraction to determine Ca, Mg, K, and Na in biodiesel by atomic spectrometry. <i>Analytical Methods</i> , 2018, 10, 3284-3291.	2.7	9
20	Double-Imprinted Cross-Linked Poly(Acrylamide-co-Ethylene Glycol Dimethacrylate) as a Novel Sorbent for the On-Line Preconcentration and Determination of Copper(II) by Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2015, 48, 61-74.	1.8	6
21	Investigation on the Performance of Chemically Modified Aquatic Macrophytes "Salvinia molesta for the Micro-Solid Phase Preconcentration of Cd(II) On-Line Coupled to FAAS. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 863-869.	2.7	4
22	Simple and efficient method for the determination of Cr(VI) ions in water samples using m-MWCNT@APTMS through dispersive magnetic solid phase extraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1817-1835.	3.3	3
23	Renewable Energy Sources: A Sustainable Strategy for Biodiesel Productions. <i>Green Energy and Technology</i> , 2018, , 1-31.	0.6	2
24	AVALIAÇÃO DE NANOTUBOS DE CARBONO FUNCIONALIZADOS VISANDO O DESENVOLVIMENTO DE MÉTODOS DE PRÉ-CONCENTRAÇÃO DE IONS METÁLICOS E DETERMINAÇÃO POR TÉCNICAS ESPECTROMÉTRICAS E ELETROANALÍTICAS. <i>Quimica Nova</i> , 2020, , .	0.3	2
25	Recent Advances on Sample Preparation Procedures for Elemental Determination in Biodiesel. <i>Green Energy and Technology</i> , 2018, , 127-157.	0.6	1
26	Use of Chemometric Tools for HG-AAS Instrumental Optimization in the Determination of Se in Nuts Grown in Brazil. <i>Atomic Spectroscopy</i> , 2018, 39, 251-257.	1.2	1
27	Extraction/Preconcentration Procedures for Determination of Metal and Organometallic Species in Environmental, Biological, and Food Samples. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-2.	1.0	0