## Agnese Giacomino

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Adsorption of heavy metals on vermiculite: Influence of pH and organic ligands. Journal of Colloid and Interface Science, 2006, 299, 537-546.	9.4	242
2	Interaction of metal ions with montmorillonite and vermiculite. Applied Clay Science, 2008, 38, 227-236.	5.2	223
3	Accumulation of heavy metals from contaminated soil to plants and evaluation of soil remediation by vermiculite. Chemosphere, 2011, 82, 169-178.	8.2	158
4	Determination of Mercury by Anodic Stripping Voltammetry with a Gold Nanoparticleâ€Modified Glassy Carbon Electrode. Electroanalysis, 2008, 20, 75-83.	2.9	138
5	Parameters affecting the determination of mercury by anodic stripping voltammetry using a gold electrode. Talanta, 2007, 75, 266-73.	5.5	96
6	The role of chemometrics in single and sequential extraction assays: A Review. Part II. Cluster analysis, multiple linear regression, mixture resolution, experimental design and other techniques. Analytica Chimica Acta, 2011, 688, 122-139.	5.4	80
7	The role of chemometrics in single and sequential extraction assays: A review. Analytica Chimica Acta, 2011, 688, 104-121.	5.4	73
8	An approach for arsenic in a contaminated soil: Speciation, fractionation, extraction and effluent decontamination. Environmental Pollution, 2010, 158, 416-423.	7.5	72
9	Assessment of Metal Availability in a Contaminated Soil by Sequential Extraction. Water, Air, and Soil Pollution, 2006, 173, 315-338.	2.4	58
10	Geochemical characterisation of Antarctic soils and lacustrine sediments from Terra Nova Bay. Microchemical Journal, 2009, 92, 21-31.	4.5	58
11	Determination of As(III) by anodic stripping voltammetry using a lateral gold electrode: Experimental conditions, electron transfer and monitoring of electrode surface. Talanta, 2011, 83, 1428-1435.	5.5	50
12	Spatial distribution and potential sources of trace elements in PM10 monitored in urban and rural sites of Piedmont Region. Chemosphere, 2016, 145, 495-507.	8.2	46
13	Anodic stripping voltammetry with gold electrodes as an alternative method for the routine determination of mercury in fish. Comparison with spectroscopic approaches. Food Chemistry, 2017, 221, 737-745.	8.2	42
14	The Efficiency of Vermiculite as Natural Sorbent for Heavy Metals. Application to a Contaminated Soil. Water, Air, and Soil Pollution, 2007, 181, 149-160.	2.4	37
15	Spin-dependent electrochemistry: Enantio-selectivity driven by chiral-induced spin selectivity effect. Electrochimica Acta, 2018, 286, 271-278.	5.2	35
16	Voltammetric determination of methylmercury and inorganic mercury with an home made gold nanoparticle electrode. Journal of Applied Electrochemistry, 2009, 39, 2209-2216.	2.9	33
17	Metal Content in Dandelion ( <i>Taraxacum officinale</i> ) Leaves: Influence of Vehicular Traffic and Safety upon Consumption as Food. Journal of Chemistry, 2016, 2016, 1-9.	1.9	31
18	Source identification and temporal evolution of trace elements in PM10 collected near to Ny-Ã…lesund (Norwegian Arctic). Atmospheric Environment, 2019, 203, 153-165.	4.1	28

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19	An Effective Gluten Extraction Method Exploiting Pure Choline Chloride-Based Deep Eutectic Solvents (ChCl-DESs). Food Analytical Methods, 2017, 10, 4079-4085.	2.6	24
20	Chromium, nickel, and cobalt in cosmetic matrices: an integrated bioanalytical characterization through total content, bioaccessibility, and Cr(III)/Cr(VI) speciation. Analytical and Bioanalytical Chemistry, 2017, 409, 6831-6841.	3.7	23
21	Determination and assessment of the contents of essential and potentially toxic elements in Ayurvedic medicine formulations by inductively coupled plasma-optical emission spectrometry. Microchemical Journal, 2011, 99, 2-6.	4.5	21
22	Determination of the total and bioaccessible contents of essential and potentially toxic elements in ayurvedic formulations purchased from different commercial channels. Microchemical Journal, 2015, 120, 6-17.	4.5	20
23	Electrocatalysis in the oxidation of acetaminophen with an electrochemically activated glassy carbon electrode. Electrochimica Acta, 2016, 192, 139-147.	5.2	20
24	Inter-annual and seasonal variability in PM10 samples monitored in the city of Turin (Italy) from 2002 to 2005. Microchemical Journal, 2013, 107, 76-85.	4.5	19
25	Temporal trends of elements in Turin (Italy) atmospheric particulate matter from 1976 to 2001. Chemosphere, 2013, 90, 2578-2588.	8.2	19
26	Microwave-Assisted Dehydrogenative Cross Coupling Reactions in Î <sup>3</sup> -valerolactone with a Reusable Pd/β-cyclodextrin Crosslinked Catalyst. Molecules, 2019, 24, 288.	3.8	19
27	Charge-transfer complexes of 2,3-dichloro-5,6-dicyano-1,4-benzoquinone with amino molecules in polar solvents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 75-82.	3.9	15
28	Characterization of the element content in lacustrine ecosystems in Terra Nova Bay, Antarctica. Microchemical Journal, 2012, 105, 142-151.	4.5	14
29	Analytical Applications of a Nanoparticleâ€Based Sensor for the Determination of Mercury. Electroanalysis, 2012, 24, 727-734.	2.9	14
30	Elemental and lead isotopic composition of atmospheric particulate measured in the Arctic region (Ny-Ãlesund, Svalbard Islands). Rendiconti Lincei, 2016, 27, 73-84.	2.2	14
31	Ultrasonically improved semi-hydrogenation of alkynes to (Z-)alkenes over novel lead-free Pd/Boehmite catalysts. Ultrasonics Sonochemistry, 2017, 35, 664-672.	8.2	14
32	Macro and trace elements signature of periodontitis in saliva: A systematic review with quality assessment of ionomics studies. Journal of Periodontal Research, 2022, 57, 30-40.	2.7	14
33	Total and fractionation metal contents obtained with sequential extraction procedures in a sediment core from Terra Nova Bay, West Antarctica. Antarctic Science, 2013, 25, 83-98.	0.9	12
34	Element variability in lacustrine systems of Terra Nova Bay (Antarctica) and concentration evolution in surface waters. Chemosphere, 2017, 180, 343-355.	8.2	12
35	Operational functionalities of air-quality W Sn metal-oxide sensors correlating semiconductor defect levels and surface potential barriers. Science of the Total Environment, 2020, 706, 135731.	8.0	11
36	Modified Screen Printed Electrode Suitable for Electrochemical Measurements in Gas Phase. Analytical Chemistry, 2020, 92, 3689-3696.	6.5	11

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37	The Use of Sequential Extraction Procedures for the Characterization and Management of Contaminated Soils. Annali Di Chimica, 2005, 95, 525-538.	0.6	8
38	Stripping voltammetry for field determination of traces of copper in soil extracts and natural waters. Microchemical Journal, 2019, 149, 104015.	4.5	8
39	Geochemical characterization of a marine sediment core from the Joides Basin, Ross Sea, Antarctica. Marine Geology, 2020, 428, 106286.	2.1	8
40	Spin Multiplicity and Solid-State Electrochemical Behavior in Charge-Transfer Co-crystals of DBTTF/F4TCNQ. Journal of Physical Chemistry C, 2021, 125, 8677-8683.	3.1	8
41	Spin dependent electrochemistry: Focus on chiral vs achiral charge transmission through 2D SAMs adsorbed on gold. Journal of Electroanalytical Chemistry, 2020, 856, 113705.	3.8	7
42	Temporal variability and environmental availability of inorganic constituents in an Antarctic marine sediment core from a polynya area in the Ross Sea. Toxicological and Environmental Chemistry, 2010, 92, 453-475.	1.2	6
43	Comprehensive study on the degradation of ochratoxin A in water by spectroscopic techniques and DFT calculations. RSC Advances, 2019, 9, 19844-19854.	3.6	6
44	The Inorganic Component as a Possible Marker for Quality and for Authentication of the Hazelnut's Origin. International Journal of Environmental Research and Public Health, 2020, 17, 447.	2.6	6
45	Development of an easy portable procedure for on-site determination of mercury and methylmercury. Food Chemistry, 2021, 342, 128347.	8.2	6
46	Dynamics of inorganic components in lake waters from Terra Nova Bay, Antarctica. Chemosphere, 2017, 183, 454-470.	8.2	5
47	Optimization of a sequential extraction procedure for trace elements in Arctic PM10. Analytical and Bioanalytical Chemistry, 2020, 412, 7429-7440.	3.7	5
48	Inorganic markers profiling in wild type and genetically modified plants subjected to abiotic stresses. Microchemical Journal, 2017, 134, 87-97.	4.5	4
49	Achievability of Municipal Solid Waste Compost for Tea Cultivation with Special Reference to Cadmium. Clean - Soil, Air, Water, 2018, 46, 1800093.	1.1	4
50	Off-line and real-time monitoring of acetaminophen photodegradation by an electrochemical sensor. Chemosphere, 2018, 204, 556-562.	8.2	4
51	Potentially toxic elements in ayurvedic formulations: Total and bioaccessible content. Microchemical Journal, 2018, 136, 236-243.	4.5	4
52	A Portable Setup for the Voltammetric Determination of Total Mercury in Fish with Solid and Nanostructured Gold Electrodes. Molecules, 2019, 24, 1910.	3.8	4
53	Influence of start-up phase of an incinerator on inorganic composition and lead isotope ratios of the atmospheric PM10. Chemosphere, 2021, 266, 129091.	8.2	4
54	Determination of major, minor and trace elements in Glyceric Macerates and Mother Tinctures and in the starting plant materials. Journal of Pharmaceutical and Biomedical Analysis, 2015, 106, 167-178.	2.8	3

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55	Stripping Voltammetry. , 2018, , 238-238.		3
56	Contribution of the Incinerator to the Inorganic Composition of the PM10 Collected in Turin. Atmosphere, 2020, 11, 400.	2.3	3
57	Chemical Fractionation of Trace Elements in Arctic PM10 Samples. Atmosphere, 2021, 12, 1152.	2.3	2
58	On-Site Determination of Methylmercury by Coupling Solid-Phase Extraction and Voltammetry. Molecules, 2022, 27, 3178.	3.8	2
59	Measuring Standard Potentials of Organic Anions and Inorganic Complexes: An Integrated Approach to Quantum Mechanical and Experimental Methods to Study the Electrochemical Processes. , 2018, , .		0