

Jorgelina C Altamirano

List of Publications by Year in descending order

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67
papers

2,344
citations

136940

32
h-index

214788

47
g-index

68
all docs

68
docs citations

68
times ranked

2583
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-phytochemical determination of polar and non-polar garlic bioactive compounds in different food and nutraceutical preparations. <i>Food Chemistry</i> , 2021, 337, 127648.	8.2	17
2	Impact of dietary lipid level on esterase enzyme activities in the non-target freshwater shrimp <i>Macrobrachium borellii</i> exposed to chlorpyrifos. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19497-19504.	5.3	2
3	Chemometric Optimization of a Demineralization Method for Analysing Sediment Organic Matter by Fourier Transform Infrared Spectroscopy. <i>International Journal of Environmental Research</i> , 2021, 15, 645-654.	2.3	3
4	Accumulation of PBDEs and MeO-PBDEs in notothenioid fish from the South Shetland Islands, Antarctica: An interspecies comparative study. <i>Marine Pollution Bulletin</i> , 2021, 168, 112453.	5.0	5
5	Permeability Data of Organosulfur Garlic Compounds Estimated by Immobilized Artificial Membrane Chromatography: Correlation Across Several Biological Barriers. <i>Frontiers in Chemistry</i> , 2021, 9, 690707.	3.6	5
6	Monitoring of SARS-CoV-2 RNA in wastewater as an epidemiological surveillance tool in Mendoza, Argentina. <i>Science of the Total Environment</i> , 2021, 796, 148887.	8.0	34
7	Identifying patterns and sources of anthropogenic trace metals in the Argentine Central Andes by using snow samples and an atmospheric dispersion model. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1491-1501.	3.5	1
8	Spatial distribution, patterns and source contributions of POPs in the atmosphere of Great Mendoza using the WRF/CALMET/CALPUFF modelling system. <i>Emerging Contaminants</i> , 2020, 6, 103-113.	4.9	12
9	Enzymatic Digestion Coupled to Surfactant-Assisted Dispersive Liquid-Liquid Microextraction: A Mild Approach for Determining Polybrominated Diphenyl Ethers in Human Hair Sample. <i>ChemistrySelect</i> , 2020, 5, 2179-2184.	1.5	2
10	Derivatization and rapid GC-MS screening of chlorides relevant to the Chemical Weapons Convention in organic liquid samples. <i>Analytical Methods</i> , 2020, 12, 2527-2535.	2.7	4
11	Occurrence of organochlorine compounds in fish from freshwater environments of the central Andes, Argentina. <i>Science of the Total Environment</i> , 2019, 693, 133389.	8.0	13
12	Recycling Control of Histological Xylol: A Chemometric Approach. <i>ChemistrySelect</i> , 2019, 4, 10856-10862.	1.5	1
13	Coprecipitation-assisted coacervative extraction coupled to high-performance liquid chromatography: An approach for determining organophosphorus pesticides in water samples. <i>Electrophoresis</i> , 2017, 38, 1334-1343.	2.4	16
14	Implications of biological factors on accumulation of persistent organic pollutants in Antarctic notothenioid fish. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 630-639.	6.0	19
15	Determination of polybrominated diphenyl ethers in milk samples. Development of green extraction coupled techniques for sample preparation. <i>Electrophoresis</i> , 2017, 38, 460-468.	2.4	10
16	Development of garlic bioactive compounds analytical methodology based on liquid phase microextraction using response surface design. Implications for dual analysis: Cooked and biological fluids samples. <i>Food Chemistry</i> , 2017, 215, 493-500.	8.2	30
17	State of the art of environmentally friendly sample preparation approaches for determination of PBDEs and metabolites in environmental and biological samples: A critical review. <i>Analytica Chimica Acta</i> , 2016, 905, 24-41.	5.4	57
18	Inventory of primary emissions of selected persistent organic pollutants to the atmosphere in the area of Great Mendoza. <i>Emerging Contaminants</i> , 2016, 2, 14-25.	4.9	11

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19	Use of wild trout for PBDE assessment in freshwater environments: Review and summary of critical factors. <i>Emerging Contaminants</i> , 2015, 1, 54-63.	4.9	15
20	UAE-HPLC-UV: New Contribution for Fast Determination of Total Isothiocyanates in Brassicaceae Vegetables. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	1.9	8
21	Assessing Polychlorinated Dibenzo- <i>p</i> -dioxins and Polychlorinated Dibenzofurans in Air across Latin American Countries Using Polyurethane Foam Disk Passive Air Samplers. <i>Environmental Science & Technology</i> , 2015, 49, 3680-3686.	10.0	45
22	Home-cooked garlic remains a healthy food. <i>Journal of Functional Foods</i> , 2015, 16, 1-8.	3.4	36
23	Cloud point extraction for analysis of antiretrovirals in human plasma by UFLC-ESI-MS/MS. <i>Analytical Chemistry Research</i> , 2015, 6, 1-8.	2.0	12
24	Solid phase microextraction coupled to liquid chromatography. Analysis of organosulphur compounds avoiding artifacts formation. <i>Food Chemistry</i> , 2014, 157, 199-204.	8.2	24
25	Stability of Iron-Quercetin Complexes in Synthetic Wine under <i>In Vitro</i> Digestion Conditions. <i>Journal of Food Science</i> , 2014, 79, C1933-8.	3.1	6
26	Should apple snail <i>Pomacea canaliculata</i> (Caenogastropoda, Ampullariidae) be used as bioindicator for BDE-209?. <i>Environmental Science and Pollution Research</i> , 2014, 21, 761-765.	5.3	3
27	Fingerprint of persistent organic pollutants in tissues of Antarctic notothenioid fish. <i>Science of the Total Environment</i> , 2014, 499, 89-98.	8.0	50
28	Ultrasound leaching-dispersive liquid-liquid microextraction based on solidification of floating organic droplet for determination of polybrominated diphenyl ethers in sediment samples by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1285, 15-21.	3.7	36
29	One-Step Derivatization and Preconcentration Microextraction Technique for Determination of Bisphenol A in Beverage Samples by Gas Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3559-3565.	5.2	52
30	Liquid chromatography time-of-flight mass spectrometry following sorptive microextraction for the determination of fungicide residues in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 767-775.	3.7	22
31	Solid-phase extraction followed by liquid chromatography quadrupole time-of-flight tandem mass spectrometry for the selective determination of fungicides in wine samples. <i>Journal of Chromatography A</i> , 2011, 1218, 2165-2175.	3.7	47
32	Dispersive solid-phase extraction as a simplified clean-up technique for biological sample extracts. Determination of polybrominated diphenyl ethers by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 2490-2496.	3.7	87
33	Development and validation of a simple analytical method for the determination of 2,4,6-trichloroanisole in wine by GC-MS. <i>Food Chemistry</i> , 2011, 124, 1734-1740.	8.2	15
34	Coacervative microextraction ultrasound-assisted back-extraction technique for determination of organophosphates pesticides in honey samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 6334-6341.	3.7	66
35	Tetradecyl(trihexyl)phosphonium chloride ionic liquid single-drop microextraction for electrothermal atomic absorption spectrometric determination of lead in water samples. <i>Talanta</i> , 2010, 80, 2034-2040.	5.5	76
36	Sensitive determination of 2,4,6-trichloroanisole in water samples by ultrasound assisted emulsification microextraction prior to gas chromatography-tandem mass spectrometry analysis. <i>Talanta</i> , 2010, 81, 1536-1541.	5.5	35

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37	Ultrasound-assisted leaching-dispersive solid-phase extraction followed by liquid-liquid microextraction for the determination of polybrominated diphenyl ethers in sediment samples by gas chromatography-tandem mass spectrometry. <i>Talanta</i> , 2010, 82, 359-366.	5.5	56
38	Ultrasound-Assisted Emulsification Microextraction for Determination of 2,4,6-Trichloroanisole in Wine Samples by Gas Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 4576-4581.	5.2	37
39	Trace mercury determination in drinking and natural water samples by room temperature ionic liquid based-preconcentration and flow injection-cold vapor atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2009, 167, 475-481.	12.4	91
40	Simple approach based on ultrasound-assisted emulsification-microextraction for determination of polibrominated flame retardants in water samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 147-153.	3.7	106
41	Determination of polybrominated diphenyl ethers in water and soil samples by cloud point extraction-ultrasound-assisted back-extraction-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4339-4346.	3.7	94
42	A novel fiber-packed column for on-line preconcentration and speciation analysis of chromium in drinking water with flame atomic absorption spectrometry. <i>Talanta</i> , 2009, 77, 1290-1294.	5.5	43
43	On-line ionic liquid-based preconcentration system coupled to flame atomic absorption spectrometry for trace cadmium determination in plastic food packaging materials. <i>Talanta</i> , 2009, 78, 857-862.	5.5	40
44	Sensitive determination of cadmium in water samples by room temperature ionic liquid-based preconcentration and electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2008, 628, 41-48.	5.4	64
45	Investigation of arsenic speciation in algae of the Antarctic region by HPLC-ICP-MS and HPLC-ESI-Ion Trap MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 1214.	3.0	45
46	Modeling and Separation-Detection Methods to Evaluate the Speciation of Metals for Toxicity Assessment. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2006, 9, 41-61.	6.5	21
47	Speciation Analysis of Non-Metallic Elements Using Plasma-Based Atomic Spectrometry for Detection. <i>Current Analytical Chemistry</i> , 2006, 2, 353-377.	1.2	16
48	Speciation of Halogen Compounds. , 2005, , 564-597.		1
49	The potential of inductively coupled plasma-mass spectrometric detection for capillary electrophoretic analysis of pesticides. <i>Electrophoresis</i> , 2005, 26, 1598-1605.	2.4	42
50	Investigation of Pyrrolizidine Alkaloids and Their N-Oxides in Commercial Comfrey-Containing Products and Botanical Materials by Liquid Chromatography Electrospray Ionization Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 406-412.	1.5	22
51	Speciation of nickel, copper, zinc, and manganese in different edible nuts: a comparative study of molecular size distribution by SEC-UV-ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 495-503.	3.7	37
52	Speciation of essential and toxic elements in edible mushrooms: size-exclusion chromatography separation with on-line UV-inductively coupled plasma mass spectrometry detection. <i>Applied Organometallic Chemistry</i> , 2004, 18, 156-165.	3.5	32
53	Fast speciation analysis of iodophenol compounds in river waters by capillary electrophoresis-inductively coupled plasma-mass spectrometry with off-line solid-phase microextraction. <i>Electrophoresis</i> , 2004, 25, 1843-1851.	2.4	26
54	Gas chromatography/plasma spectrometry-an important analytical tool for elemental speciation studies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004, 59, 755-792.	2.9	94

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55	Determination of 2,4,6-triiodophenol and its metabolites in human urine by anion-exchange chromatography with ICP-MS detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 1442.	3.0	12
56	Identification and characterization of selenium species in enriched green onion (<i>Allium fistulosum</i>) by HPLC-ICP-MS and ESI-ITMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 381.	3.0	76
57	Simultaneous analysis of hepatotoxic pyrrolizidine alkaloids and N-oxides in comfrey root by LC-ion trap mass spectrometry. <i>Analyst, The</i> , 2004, 129, 150.	3.5	44
58	Determination of levothyroxine and its degradation products in pharmaceutical tablets by HPLC-UV-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 107.	3.0	40
59	Investigation of the elemental composition and chemical association of several elements in fulvic acids dietary supplements by size-exclusion chromatography UV inductively coupled plasma mass spectrometric. <i>Journal of Chromatography A</i> , 2004, 1054, 313-319.	3.7	3
60	On-line preconcentration and determination of chromium in parenteral solutions by flow injection-flame atomic absorption spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 117-124.	2.8	27
61	Trace humic and fulvic acid determination in natural water by cloud point extraction/preconcentration using non-ionic and cationic surfactants with FI-UV detection. <i>Analyst, The</i> , 2003, 128, 453-458.	3.5	58
62	Determination of iodinated phenol species at parts-per-trillion concentration levels in different water samples by solid-phase microextraction/offline GC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 1119-1124.	3.0	26
63	Cloud point extraction of vanadium in parenteral solutions using a nonionic surfactant (PONPE 5.0) and determination by flow injection-inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2002, 58, 619-627.	5.5	58
64	Sensitive determination of mercury in tap water by cloud point extraction pre-concentration and flow injection-cold vapor-inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 365-374.	2.9	149
65	Separation and preconcentration of inorganic and organomercury species in water samples using a selective reagent and an anion exchange resin and determination by flow injection-cold vapor atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 389-394.	3.0	41
66	Title is missing!. <i>Journal of Analytical Chemistry</i> , 2002, 57, 799-801.	0.9	12
67	Speciation and preconcentration of vanadium(v) and vanadium(iv) in water samples by flow injection-inductively coupled plasma optical emission spectrometry and ultrasonic nebulization. <i>Analyst, The</i> , 2001, 126, 715-719.	3.5	54