

Maria Aranzazu Goicolea

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

447
citations

13
h-index

21
g-index

27
ext. papers

515
ext. citations

4.2
avg, IF

3.34
L-index

#	Paper	IF	Citations
25	Solid-phase synthesis of imprinted nanoparticles as artificial antibodies against the C-terminus of the cannabinoid CB1 receptor: exploring a viable alternative for bioanalysis. <i>Mikrochimica Acta</i> , 2021 , 188, 368	5.8	1
24	Plastic Receptors Developed by Imprinting Technology as Smart Polymers Imitating Natural Behavior 2021 , 69-116		2
23	Fit-for-purpose based testing and validation of antibodies to amino- and carboxy-terminal domains of cannabinoid receptor 1. <i>Histochemistry and Cell Biology</i> , 2021 , 156, 479-502	2.4	1
22	Particle Analysis for the Detection of Gunshot Residue (GSR) in Nasal Samples Using Scanning Laser Ablation and Inductively Coupled Plasma-Mass Spectrometry (SLA-ICPMS). <i>Journal of Forensic Sciences</i> , 2020 , 65, 1094-1101	1.8	7
21	Fungicide distribution in vitiviculture ecosystems according to different application strategies to reduce environmental impact. <i>Science of the Total Environment</i> , 2019 , 687, 319-329	10.2	10
20	Determination of mercury(ii) in water at sub-nanomolar levels by laser ablation-ICPMS analysis of screen printed electrodes used as a portable voltammetric preconcentration system. <i>Analyst, The</i> , 2017 , 142, 1157-1164	5	11
19	Molecularly imprinted nanoparticles grafted to porous silica as chiral selectors in liquid chromatography. <i>Journal of Chromatography A</i> , 2017 , 1508, 53-64	4.5	22
18	Characterization of ancient lipids in prehistoric organic residues: Chemical evidence of livestock-pens in rock-shelters since early neolithic to bronze age. <i>Journal of Separation Science</i> , 2017 , 40, 4549-4562	3.4	7
17	Iniferter-mediated grafting of molecularly imprinted polymers on porous silica beads for the enantiomeric resolution of drugs. <i>Journal of Molecular Recognition</i> , 2016 , 29, 106-14	2.6	23
16	Water compatible stir-bar devices imprinted with underivatized glyphosate for selective sample clean-up. <i>Journal of Chromatography A</i> , 2016 , 1451, 23-32	4.5	19
15	LC-QTOF-MS-based targeted metabolomics of arginine-creatine metabolic pathway-related compounds in plasma: application to identify potential biomarkers in pediatric chronic kidney disease. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 747-60	4.4	24
14	Liquid chromatography-quadrupole time of flight tandem mass spectrometry-based targeted metabolomic study for varietal discrimination of grapes according to plant sterols content. <i>Journal of Chromatography A</i> , 2016 , 1454, 67-77	4.5	21
13	A novel strategy for Cr(III) and Cr(VI) analysis in dietary supplements by speciated isotope dilution mass spectrometry. <i>Talanta</i> , 2016 , 154, 255-62	6.2	31
12	Molecularly imprinted polymers as a tool for the study of the 4-ethylphenol metabolic pathway in red wines. <i>Journal of Chromatography A</i> , 2015 , 1410, 164-72	4.5	18
11	Characterization of organic gunshot residues in lead-free ammunition using a new sample collection device for liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Forensic Science International</i> , 2015 , 246, 79-85	2.6	40
10	Metabolomics in non-arteritic anterior ischemic optic neuropathy patients by liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Metabolomics</i> , 2015 , 11, 468-476	4.7	8
9	Direct potentiometric quantification of histamine using solid-phase imprinted nanoparticles as recognition elements. <i>Biosensors and Bioelectronics</i> , 2014 , 58, 138-44	11.8	80

8	Evaluation of the bioaccumulation of trace elements in tuna species by correlation analysis between their concentrations in muscle and first dorsal spine using microwave-assisted digestion and ICP-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 1761-1775	1.8	9
7	Development of matrix-matching hydroxyapatite calibration standards for quantitative multi-element LA-ICP-MS analysis: application to the dorsal spine of fish. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 1421	3.7	22
6	Using a portable device based on a screen-printed sensor modified with a molecularly imprinted polymer for the determination of the insecticide fenitrothion in forest samples. <i>Analytical Methods</i> , 2010 , 2, 1280	3.2	37
5	Solid phase microextraction coupled to liquid chromatography-inductively coupled plasma mass spectrometry for the speciation of organotin compounds in water samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 347-351	3.7	21
4	Multisorbent tubes sampling used in thermal desorption cold trap injection with gas chromatography-mass spectrometry for C20-6 hydrocarbon measurements in an urban atmosphere. <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 341-353	1.8	1
3	Persistence of Diflubenzuron on Conifer Forest Foliage in a Mediterranean-Climate Ecosystem Following Aerial Application. <i>International Journal of Environmental Analytical Chemistry</i> , 2003 , 83, 433-442	1.8	3
2	Determination of methylarginines in human plasma by HPLC with pre-column derivatization using naphthalenedicarboxaldehyde as fluorogenic agent. <i>Journal of Separation Science</i> , 2002 , 25, 665-670	3.4	6
1	Multimembrane carbon fiber microelectrodes for amperometric determination of serotonin in human urine. <i>Analyst, The</i> , 2001 , 126, 495-500	5	23