

# Maria Aranzazu Goicolea

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

578  
citations

567281  
15  
h-index

610901  
24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct potentiometric quantification of histamine using solid-phase imprinted nanoparticles as recognition elements. <i>Biosensors and Bioelectronics</i> , 2014, 58, 138-144.	10.1	85
2	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.	2.2	50
3	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.	2.7	46
4	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, 747-760.	3.7	38
5	A novel strategy for Cr(III) and Cr(VI) analysis in dietary supplements by speciated isotope dilution mass spectrometry. <i>Talanta</i> , 2016, 154, 255-262.	5.5	37
6	Multimembrane carbon fiber microelectrodes for amperometric determination of serotonin in human urine. <i>Analyst</i> , The, 2001, 126, 495-500.	3.5	29
7	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, 106-114.	2.1	28
8	Molecularly imprinted nanoparticles grafted to porous silica as chiral selectors in liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1508, 53-64.	3.7	28
9	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.	3.7	26
10	Water compatible stir-bar devices imprinted with underivatized glyphosate for selective sample clean-up. <i>Journal of Chromatography A</i> , 2016, 1451, 23-32.	3.7	26
11	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.	3.0	25
12	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.	3.0	23
13	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, 164-172.	3.7	20
14	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.	1.6	17
15	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.	2.5	16
16	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.	8.0	13
17	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</i> , The, 2017, 142, 1157-1164.	3.5	12
18	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.	3.3	11

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19	Subsynaptic Distribution, Lipid Raft Targeting and G Protein-Dependent Signalling of the Type 1 Cannabinoid Receptor in Synaptosomes from the Mouse Hippocampus and Frontal Cortex. <i>Molecules</i> , 2021, 26, 6897.	3.8	10
20	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.	1.7	9
21	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.	3.0	8
22	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.	2.5	7
23	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.	5.0	7
24	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.	3.3	3
25	Multisorbent tubes sampling used in thermal desorption cold trap injection with gas chromatography-mass spectrometry for C2–C6 hydrocarbon measurements in an urban atmosphere. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 341-353.	3.3	2
26	lkerketa metabolomikoak haurretan gertatzen den giltzurrun gutxiegitasun kronikoaren diagnostikorako biomarkatzaile berrien identifikazioan. <i>Ekaia (journal)</i> , 2020, , 65-81.	0.0	0