# Maria Aranzazu Goicolea

List of Publications by Year
in descending order



| 26 | 578 | 567144 15 | 610775 24 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 27 | 27 | 27 | 1026 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Direct potentiometric quantification of histamine using solid-phase imprinted nanoparticles as recognition elements. Biosensors and Bioelectronics, 2014, 58, 138-144. | 5.3 | 85 |
| 2 | Characterization of organic gunshot residues in lead-free ammunition using a new sample collection device for liquid chromatographyâ€“quadrupole time-of-flight mass spectrometry. Forensic Science International, 2015, 246, 79-85. | 1.3 | 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. Analytical Methods, 2010, 2, 1280. | 1.3 | 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. Analytical and Bioanalytical Chemistry, 2016, 408, 747-760. | 1.9 | 38 |
| 5 | A novel strategy for Cr(III) and Cr(VI) analysis in dietary supplements by speciated isotope dilution mass spectrometry. Talanta, 2016, 154, 255-262. | 2.9 | 37 |
| 6 | Multimembrane carbon fiber microelectrodes for amperometric determination of serotonin in human urine. Analyst, The, 2001, 126, 495-500. | 1.7 | 29 |
| 7 | Iniferterâ€mediated grafting of molecularly imprinted polymers on porous silica beads for the enantiomeric resolution of drugs. Journal of Molecular Recognition, 2016, 29, 106-114. | 1.1 | 28 |
| 8 | Molecularly imprinted nanoparticles grafted to porous silica as chiral selectors in liquid chromatography. Journal of Chromatography A, 2017, 1508, 53-64. | 1.8 | 28 |
| 9 | Liquid chromatographyâ€“quadrupole time of flight tandem mass spectrometryâ€“based targeted metabolomic study for varietal discrimination of grapes according to plant sterols content. Journal of Chromatography A, 2016, 1454, 67-77. | 1.8 | 26 |
| 10 | Water compatible stir-bar devices imprinted with underivatised glyphosate for selective sample clean-up. Journal of Chromatography A, 2016, 1451, 23-32. | 1.8 | 26 |
| 11 | Development of matrix-matching hydroxyapatite calibration standards for quantitative multi-element LA-ICP-MS analysis: application to the dorsal spine of fish. Journal of Analytical Atomic Spectrometry, 2011, 26, 1421. | 1.6 | 25 |
| 12 | Solid phase microextraction coupled to liquid chromatography-inductively coupled plasma mass spectrometry for the speciation of organotin compounds in water samples. Journal of Analytical Atomic Spectrometry, 2009, 24, 347-351. | 1.6 | 23 |
| 13 | Molecularly imprinted polymers as a tool for the study of the 4-ethylphenol metabolic pathway in red wines. Journal of Chromatography A, 2015, 1410, 164-172. | 1.8 | 20 |
| 14 | Particle Analysis for the Detection of Gunshot Residue (GSR) in Nasal Samples Using Scanning Laser Ablation and Inductively Coupled Plasmaâ€Mass Spectrometry (SLAâ€ICPMS). Journal of Forensic Sciences, 2020, 65, 1094-1101. | 0.9 | 17 |
| 15 | Characterization of ancient lipids in prehistoric organic residues: Chemical evidence of livestockâ€pens in rockâ€shelters since early neolithic to bronze age. Journal of Separation Science, 2017, 40, 4549-4562. | 1.3 | 16 |
| 16 | Fungicide distribution in vitiviniculture ecosystems according to different application strategies to reduce environmental impact. Science of the Total Environment, 2019, 687, 319-329. | 3.9 | 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. Analyst, The, 2017, 142, 1157-1164. | 1.7 | 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. International Journal of Environmental Analytical Chemistry, 2012, 92, 1761-1775. | 1.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. Molecules, 2021, 26, 6897. | 1.7 | 10 |
| 20 | Fit-for-purpose based testing and validation of antibodies to amino- and carboxy-terminal domains of cannabinoid receptor 1. Histochemistry and Cell Biology, 2021, 156, 479-502. | 0.8 | 9 |
| 21 | Metabolomics in non-arteritic anterior ischemic optic neuropathy patients by liquid chromatographyâ€“quadrupole time-of-flight mass spectrometry. Metabolomics, 2015, 11, 468-476. | 1.4 | 8 |
| 22 | Determination of methylarginines in human plasma by HPLC with pre-column derivatization using naphthalenedicarboxaldehyde as fluorogenic agent. Journal of Separation Science, 2002, 25, 665-670. | 1.3 | 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. Mikrochimica Acta, 2021, 188, 368. | 2.5 | 7 |
| 24 | Persistence of Diflubenzuron on Conifer Forest Foliage in a Mediterranean-Climate Ecosystem Following Aerial Application. International Journal of Environmental Analytical Chemistry, 2003, 83, 433-442. | 1.8 | 3 |
| 25 | Multisorbent tubes sampling used in thermal desorption cold trap injection with gas chromatography-mass spectrometry for C2â€“C6hydrocarbon measurements in an urban atmosphere. International Journal of Environmental Analytical Chemistry, 2004, 84, 341-353. | 1.8 | 2 |
| 26 | Ikerketa metabolomikoak haurretan gertatzen den giltzurrun gutxiegitasun kronikoaren diagnostikorako biomarkatzaile berrien identifikazioan. Ekaia (journal), 2020, , 65-81. | 0.0 | 0 |