

# Heidi Goenaga Infante

## 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.

32  
papers

444  
citations

12  
h-index

20  
g-index

35  
ext. papers

543  
ext. citations

3.5  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
32	A fit-for-purpose copper speciation method for the determination of exchangeable copper relevant to Wilson's disease. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 1	4.4	4
31	Systematic study of the selenium fractionation in human plasma from a cancer prevention trial using HPLC hyphenated to ICP-MS and ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 331-344	4.4	2
30	An insight into the determination of size and number concentration of silver nanoparticles in blood using single particle ICP-MS (spICP-MS): feasibility of application to samples relevant to in vivo toxicology studies. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2021</b> , 36, 1180-1192	3.7	3
29	On-column internal standardisation as an alternative calibration strategy for speciation analysis: feasibility demonstration through analysis of inorganic As in rice. <i>Analytical Methods</i> , <b>2021</b> , 13, 3641-3648	3.2	1
28	Characterisation of inorganic nanomaterials in complex samples by hyphenated field-flow fractionation. <i>Comprehensive Analytical Chemistry</i> , <b>2021</b> , 93, 103-119	1.9	1
27	Guidance for characterization of in-house reference materials for light element stable isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9177	2.2	1
26	AF4-UV-ICP-MS for detection and quantification of silver nanoparticles in seafood after enzymatic hydrolysis. <i>Talanta</i> , <b>2021</b> , 232, 122504	6.2	4
25	Investigating the effect of species-specific calibration on the quantitative imaging of iron at mg kg <sup>-1</sup> and selenium at $\mu$ g kg <sup>-1</sup> in tissue using laser ablation with ICP-QQQ-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2021</b> , 36, 1047-1054	3.7	1
24	The accurate determination of number concentration of inorganic nanoparticles using spICP-MS with the dynamic mass flow approach. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2020</b> , 35, 1832-1839	3.7	22
23	Calibration hierarchies for light element isotope delta reference materials. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8711	2.2	6
22	The comparability of the determination of the molar mass of silicon highly enriched in <sup>28</sup> Si: results of the CCQM-P160 interlaboratory comparison and additional external measurements. <i>Metrologia</i> , <b>2020</b> , 57, 065028	2.1	1
21	Single particle inductively coupled plasma mass spectrometry (spICP-MS) <b>2020</b> , 65-77		4
20	Calibration of boron isotope ratio measurements by MC-ICP-MS using normalisation to admixed internal standards. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2020</b> , 35, 2723-2731	3.7	1
19	A Study on the Analysis of Particle Size Distribution for Bimodal Model Nanoparticles by Electron Microscopy. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 2282-2283	0.5	1
18	Development and characterisation of new glycine certified reference materials for SI-traceable <sup>13</sup> C/ <sup>12</sup> C isotope amount ratio measurements. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2019</b> , 34, 147-159	3.7	10
17	Sticky Measurement Problem: Number Concentration of Agglomerated Nanoparticles. <i>Langmuir</i> , <b>2019</b> , 35, 4927-4935	4	13
16	The role of ICP-MS in inorganic chemical metrology. <i>Metrologia</i> , <b>2019</b> , 56, 034005	2.1	15

15	Number Concentration of Gold Nanoparticles in Suspension: SAXS and spICPMS as Traceable Methods Compared to Laboratory Methods. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	15
14	Accurate quantification of carboplatin adducts with serum proteins by monolithic chromatography coupled to ICPMS with isotope dilution analysis. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2019</b> , 34, 729-740	3.7	11
13	Interference-free determination of sub ng kg levels of long-lived Zr in the presence of high concentrations ( $\mu$ g kg) of Mo and Nb using ICP-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 1029-1037	4.4	10
12	Fractionation of cadmium in tobacco and cigarette smoke condensate using XANES and sequential leaching with ICP-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 6795-6806	4.4	7
11	Measuring the relative concentration of particle populations using differential centrifugal sedimentation. <i>Analytical Methods</i> , <b>2018</b> , 10, 2647-2657	3.2	15
10	A species-specific double isotope dilution strategy for the accurate quantification of platinum $\mu$ G adducts in lung cells exposed to carboplatin. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2017</b> , 32, 1320-1330	3.7	3
9	Quantitation of the Fe spatial distribution in biological tissue by online double isotope dilution analysis with LA-ICP-MS: a strategy for estimating measurement uncertainty. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2016</b> , 31, 270-279	3.7	27
8	A comparison of techniques for size measurement of nanoparticles in cell culture medium. <i>Analytical Methods</i> , <b>2016</b> , 8, 5272-5282	3.2	37
7	Calibration of Mo isotope amount ratio measurements by MC-ICPMS using normalisation to an internal standard and improved experimental design. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2016</b> , 31, 1978-1988	3.7	18
6	Investigation of mass dependence effects for the accurate determination of molybdenum isotope amount ratios by MC-ICP-MS using synthetic isotope mixtures. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 869-82	4.4	13
5	The potential of asymmetric flow field-flow fractionation hyphenated to multiple detectors for the quantification and size estimation of silica nanoparticles in a food matrix. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 3919-27	4.4	65
4	A novel calibration strategy for the quantitative imaging of iron in biological tissues by LA-ICP-MS using matrix-matched standards and internal standardisation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 1378-1384	3.7	35
3	Determination of absolute $^{13}\text{C}/^{12}\text{C}$ isotope amount ratios by MC-ICPMS using calibration with synthetic isotope mixtures. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2013</b> , 28, 1760	3.7	12
2	Analysis of mono-phosphate nucleotides as a potential method for quantification of DNA using high performance liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 402, 367-72	4.4	11
1	Selenium speciation analysis of selenium-enriched supplements by HPLC with ultrasonic nebulisation ICP-MS and electrospray MS/MS detection. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2004</b> , 19, 1529-1538	3.7	69