

# Yolanda Madrid

## List of Publications by Citations

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116  
papers

3,480  
citations

31  
h-index

53  
g-index

118  
ext. papers

3,788  
ext. citations

5.2  
avg. IF

5.32  
L-index

#	Paper	IF	Citations
116	Novel approaches for selenium speciation in foodstuffs and biological specimens: a review. <i>Analytica Chimica Acta</i> , <b>2009</b> , 634, 135-52	6.6	219
115	Selenium and mercury bioaccessibility in fish samples: an in vitro digestion method. <i>Analytica Chimica Acta</i> , <b>2004</b> , 526, 51-61	6.6	154
114	Protective effect of selenium in Broccoli ( <i>Brassica oleracea</i> ) plants subjected to cadmium exposure. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 266-71	5.7	103
113	Analytical methods for antimony speciation in waters at trace and ultratrace levels. A review. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1998</b> , 360, 623-629		100
112	Selenium species bioaccessibility in enriched radish ( <i>Raphanus sativus</i> ): a potential dietary source of selenium. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 2412-7	5.7	99
111	Mercury-selenium species ratio in representative fish samples and their bioaccessibility by an in vitro digestion method. <i>Biological Trace Element Research</i> , <b>2007</b> , 119, 195-211	4.5	96
110	Establishment of selenium uptake and species distribution in lupine, Indian mustard, and sunflower plants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 832-8	5.7	92
109	Water sampling: Traditional methods and new approaches in water sampling strategy. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2007</b> , 26, 293-299	14.6	91
108	Biological substrates for metal preconcentration and speciation. <i>TrAC - Trends in Analytical Chemistry</i> , <b>1997</b> , 16, 36-44	14.6	87
107	Quantification and speciation of mercury and selenium in fish samples of high consumption in Spain and Portugal. <i>Biological Trace Element Research</i> , <b>2005</b> , 103, 17-35	4.5	79
106	Evaluation of selective uptake of selenium (Se(IV) and Se(VI)) and antimony (Sb(III) and Sb(V)) species by baker's yeast cells ( <i>Saccharomyces cerevisiae</i> ). <i>Analytica Chimica Acta</i> , <b>1997</b> , 345, 249-255	6.6	76
105	Prospects and difficulties in TiO <sub>2</sub> nanoparticles analysis in cosmetic and food products using asymmetrical flow field-flow fractionation hyphenated to inductively coupled plasma mass spectrometry. <i>Talanta</i> , <b>2014</b> , 124, 71-8	6.2	72
104	Enzymatic digestion and ultrasonication: a powerful combination in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2004</b> , 23, 654-663	14.6	70
103	Agronomic biofortification of Brassica with selenium—Enrichment of SeMet and its identification in Brassica seeds and meal. <i>Plant and Soil</i> , <b>2010</b> , 337, 273-283	4.2	68
102	Separation and determination of antimony(III) and antimony(V) species by high-performance liquid chromatography with hydride generation atomic absorption spectrometric and inductively coupled plasma mass spectrometric detection. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1995</b> , 10, 815-821	3.7	57
101	Volatile organo-selenium speciation in biological matter by solid phase microextraction—moderate temperature multicapillary gas chromatography with microwave induced plasma atomic emission spectrometry detection. <i>Analytica Chimica Acta</i> , <b>2004</b> , 501, 157-167	6.6	54
100	Speciation of methylmercury and Hg(II) using baker's yeast biomass ( <i>Saccharomyces cerevisiae</i> ). Determination by continuous flow mercury cold vapor generation atomic absorption spectrometry. <i>Analytical Chemistry</i> , <b>1995</b> , 67, 750-4	7.8	53

99	Nano selenium as antioxidant agent in a multilayer food packaging material. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 6659-70	4.4	53
98	Characterization of selenium-enriched wheat by agronomic biofortification. <i>Journal of Food Science and Technology</i> , <b>2015</b> , 52, 4236-45	3.3	51
97	Selenium transformation studies during broccoli ( <i>Brassica oleracea</i> ) growing process by liquid chromatography-inductively coupled plasma mass spectrometry (LC-ICP-MS). <i>Analytica Chimica Acta</i> , <b>2007</b> , 596, 251-6	6.6	47
96	Se improves indole glucosinolate hydrolysis products content, Se-methylselenocysteine content, antioxidant capacity and potential anti-inflammatory properties of sauerkraut. <i>Food Chemistry</i> , <b>2012</b> , 132, 907-914	8.5	46
95	Selenoproteins: the key factor in selenium essentiality. State of the art analytical techniques for selenoprotein studies. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 1717-27	4.4	46
94	Selenium biotransformation by <i>Saccharomyces cerevisiae</i> and <i>Saccharomyces bayanus</i> during white wine manufacture: Laboratory-scale experiments. <i>Food Chemistry</i> , <b>2011</b> , 124, 1050-1055	8.5	44
93	Enzymatic probe sonication extraction of Se in animal-based food samples: a new perspective on sample preparation for total and Se speciation analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 381, 373-9	4.4	44
92	Selenium methylselenocysteine protects human hepatoma HepG2 cells against oxidative stress induced by tert-butyl hydroperoxide. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 389, 2167-78	4.4	43
91	Advanced oxidation processes for sample treatment in atomic spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2004</b> , 23, 331-340	14.6	42
90	Se metallomics during lactic fermentation of Se-enriched yogurt. <i>Food Chemistry</i> , <b>2014</b> , 164, 371-9	8.5	39
89	Identification of selenium species in selenium-enriched <i>Lens esculenta</i> plants by using two-dimensional liquid chromatography-inductively coupled plasma mass spectrometry and [77Se]selenomethionine selenium oxide spikes. <i>Journal of Chromatography A</i> , <b>2007</b> , 1139, 247-53	4.5	37
88	Migration of antimony from PET containers into regulated EU food simulants. <i>Food Chemistry</i> , <b>2013</b> , 141, 816-22	8.5	36
87	SPME-multicapillary GC coupled to different detection systems and applied to volatile organo-selenium speciation in yeast. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2004</b> , 19, 260-266	3.7	36
86	Approach for rapid extraction and speciation of mercury using a microtip ultrasonic probe followed by LC-ICP-MS. <i>Talanta</i> , <b>2010</b> , 82, 594-9	6.2	35
85	Biosorption of antimony and chromium species by <i>Spirulina platensis</i> and <i>Phaseolus</i> . Applications to bioextract antimony and chromium from natural and industrial waters. <i>Analyst, The</i> , <b>1998</b> , 123, 1593-1598	5.5	31
84	Screening of selenium containing proteins in the Tris-buffer soluble fraction of African catfish ( <i>Clarias gariepinus</i> ) fillets by laser ablation-ICP-MS after SDS-PAGE and electroblotting onto membranes. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2009</b> , 24, 775	3.7	30
83	Lead hydride generation atomic absorption spectrometry: an alternative to electrothermal atomic absorption spectrometry. A review. <i>Analyst, The</i> , <b>1994</b> , 119, 1647-1658	5	30
82	Speciation of antimony by atomic absorption spectrometry. Applicability to selective determination of Sb(III) and Sb(V) in liquid samples and of bioavailable antimony in sediments and soil samples. <i>Mikrochimica Acta</i> , <b>1992</b> , 109, 149-155	5.8	29

81	Evaluation of atomic fluorescence and atomic absorption spectrometric techniques for the determination of arsenic in wine and beer by direct hydride generation sample introduction. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1999</b> , 14, 131-135	3.7	28
80	Molecular mechanisms of methylmercury-induced cell death in human HepG2 cells. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 1405-11	4.7	27
79	Lead hydride generation in a lactic acid-potassium dichromate medium and its application to the determination of lead in fish, vegetable and drink samples. <i>Analytica Chimica Acta</i> , <b>1990</b> , 237, 181-187	6.6	27
78	Selenium and tellurium-based nanoparticles as interfering factors in quorum sensing-regulated processes: violacein production and bacterial biofilm formation. <i>Metallomics</i> , <b>2019</b> , 11, 1104-1114	4.5	26
77	Determination of lead in wine, other beverages and fruit slurries by flow injection hydride generation atomic absorption spectrometry with on-line microwave digestion. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1994</b> , 9, 1423	3.7	26
76	Food prospects of selenium enriched-Lactobacillus acidophilus CRL 636 and Lactobacillus reuteri CRL 1101. <i>Journal of Functional Foods</i> , <b>2017</b> , 35, 466-473	5.1	25
75	Atomic spectrometry update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2019</b> , 34, 1306-1350	3.7	25
74	Selenite biotransformation during brewing. Evaluation by HPLC-ICP-MS. <i>Talanta</i> , <b>2012</b> , 88, 272-6	6.2	25
73	Application of species-specific isotope dilution analysis to the correction for selenomethionine oxidation in Se-enriched yeast sample extracts during storage. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2007</b> , 22, 1061	3.7	25
72	Determination of lead in foodstuffs and biological samples by hydride generation atomic absorption spectrometry using an aqueous slurry technique. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1989</b> , 4, 167-169	3.7	25
71	Effect of selenite and selenium nanoparticles on lactic bacteria: A multi-analytical study. <i>Microchemical Journal</i> , <b>2016</b> , 126, 488-495	4.8	24
70	Stability study of As(III), As(V), MMA and DMA by anion exchange chromatography and HG-AFS in wastewater samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2002</b> , 374, 513-9	4.4	24
69	Elimination of calcium and argon interferences in iron determination by ICP-MS using desferrioxamine chelating agent immobilized in sol <sup>gel</sup> and cold plasma conditions. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2003</b> , 18, 1103-1108	3.7	24
68	Speciation and preconcentration of Sb(III) and Sb(V) on alumina using phosphoric acid under pH-controlled conditions. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>1994</b> , 49, 1049-1055	3.1	24
67	SPME for on-line volatile organo-selenium speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2003</b> , 18, 467-473	3.7	23
66	Evaluation of flow-injection in lead hydride generation-atomic absorption spectrometry. <i>Mikrochimica Acta</i> , <b>1995</b> , 120, 63-72	5.8	23
65	Evaluation of flow-injection techniques for microwave plasma torch atomic emission spectrometry. <i>Analytica Chimica Acta</i> , <b>1993</b> , 277, 1-8	6.6	23
64	Molecular mechanisms involved in the protective effect of selenocystine against methylmercury-induced cell death in human HepG2 cells. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 59, 554-634	4.7	22

63	Analysis of protein expression in developmental toxicity induced by MeHg in zebrafish. <i>Analyst, The</i> , <b>2012</b> , 137, 5302-11	5	22
62	Selenium speciation in different organs of African catfish ( <i>Clarias gariepinus</i> ) enriched through a selenium-enriched garlic based diet. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2011</b> , 26, 116-125	3.7	22
61	Certified reference materials (CRMs) for quality control of trace-element determinations in wastewaters. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2004</b> , 23, 194-202	14.6	22
60	Mercury speciation using the capillary cold trap coupled with microwave-induced plasma atomic emission spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2001</b> , 16, 1397-1402	3.7	22
59	Flow-injection and continuous-flow systems to determine antimony(III) and antimony(V) by hydride generation atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , <b>1991</b> , 252, 161-166	6.6	22
58	Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2018</b> , 33, 1103-1149	3.7	22
57	Atomic spectrometry updates. Review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 1158	3.7	21
56	Determination of total available antimony in marine sediments by slurry formationHydride generation atomic absorption spectrometry. Applicability to the selective determination of antimony(III) and antimony(V). <i>Analyst, The</i> , <b>1991</b> , 116, 1029-1032	5	21
55	Combination of chemical modifiers and graphite tube pre-treatment to determine boron by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1991</b> , 6, 669-671	3.7	21
54	Accumulation and biotransformation of chitosan-modified selenium nanoparticles in exposed radish ( <i>Raphanus sativus</i> ). <i>Journal of Analytical Atomic Spectrometry</i> , <b>2015</b> , 30, 1237-1244	3.7	20
53	Evaluation of Lupinus Species to Accumulate Heavy Metals From Waste Waters. <i>International Journal of Phytoremediation</i> , <b>2001</b> , 3, 369-379	3.9	19
52	Stability study of total antimony, Sb(III) and Sb(V) at the trace level. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1992</b> , 344, 27-29		19
51	Effect of animal feed enriched with Se and clays on Hg bioaccumulation in chickens: in vivo experimental study. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 2125-32	5.7	18
50	Selenium long-term administration and its effect on mercury toxicity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 4461-8	5.7	18
49	The capillary cold trap as a suitable instrument for mercury speciation by volatilization, cryogenic trapping, and gas chromatography coupled with atomic absorption spectrometry. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 4178-84	7.8	18
48	Atomic spectrometry update. Elemental speciation review. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2013</b> , 28, 1153	3.7	17
47	Study of mercurySelenium interaction in chicken liver by size exclusion chromatography inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2005</b> , 20, 847-857	3.7	17
46	Simultaneous determination of As, Hg, Se and Sb by hydride generation-microwave induced plasma atomic emission spectroscopy after preconcentration in a cryogenic trap. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1999</b> , 14, 1349-1355	3.7	17

45	A study of hydride forming elements in the determination of As by hydride generation atomic absorption spectrometry and minimization of Sb and Se interference by hydroxyacids and KI. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>1992</b> , 47, 1165-1172	3.1	17
44	Evaluation of oxidant media for the determination of lead in food slurries by hydride generation atomic absorption spectrometry. <i>Analyt. Chem.</i> , <b>1990</b> , 115, 563-5	5	17
43	Combination of hydride generation and graphite furnace atomic absorption spectrometry for the determination of lead in biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1989</b> , 4, 163-166	3.7	16
42	Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2015</b> , 30, 1427-1468	3.7	15
41	Determination of Sb(III) and Sb(V) in water by selective extraction with lactic acid-Malachite Green followed by graphite furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , <b>1991</b> , 247, 7-11	6.6	14
40	Combined single cell and single particle ICP-TQ-MS analysis to quantitatively evaluate the uptake and biotransformation of tellurium nanoparticles in bacteria. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1128, 116-128	6.6	14
39	Asymmetrical flow field-flow fractionation coupled to inductively coupled plasma mass spectrometry for sizing SeNPs for packaging applications. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2017</b> , 132, 19-25	3.1	13
38	Unravelling mechanisms of bacterial quorum sensing disruption by metal-based nanoparticles. <i>Science of the Total Environment</i> , <b>2019</b> , 696, 133869	10.2	13
37	Atomic spectrometry update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2017</b> , 32, 1239-1282	3.7	13
36	Exploring the Behavior and Metabolic Transformations of SeNPs in Exposed Lactic Acid Bacteria. Effect of Nanoparticles Coating Agent. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	13
35	Volatile organoselenium monitoring in production and gastric digestion processes of selenized yeast by solid-phase microextraction-multicapillary gas chromatography coupled microwave-induced plasma atomic emission spectrometry. <i>Applied Organometallic Chemistry</i> , <b>2004</b> , 18, 606-613	3.1	13
34	Noise Characterization of the Microwave Plasma Torch (MPT) Source. <i>Applied Spectroscopy</i> , <b>1994</b> , 48, 994-1002	3.1	13
33	Lead hydride generation: efficiency in persulphate-nitric acid medium and application to the determination of lead in biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1988</b> , 3, 1097-1100	3.7	13
32	Atomic spectrometry update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2020</b> , 35, 1236-1278	3.7	12
31	Bioaccumulation and transformation of methylmercury and selenite using zebrafish (Danio Rerio) larvae as a model. <i>Talanta</i> , <b>2012</b> , 89, 169-77	6.2	12
30	Differential protein expression of hepatic cells associated with MeHg exposure: deepening into the molecular mechanisms of toxicity. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 315-24	4.4	12
29	Reduction of interferences by hydride-forming and transition metals in continuous-flow mercury cold vapour generation using micellar media. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>1994</b> , 49, 163-170	3.1	12
28	Speciation of Sb(III) and Sb(V) by pH-control using three inorganic acids (hydrochloric, phosphoric and sulphuric). <i>Fresenius Journal of Analytical Chemistry</i> , <b>1992</b> , 343, 597-599		12

27	Insights into the accumulation and transformation of Ch-SeNPs by Raphanus sativus and Brassica juncea: Effect on essential elements uptake. <i>Science of the Total Environment</i> , <b>2020</b> , 725, 138453	10.2	12
26	Sensitized determination of mercury by cold vapour generation from micellar media and atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>1993</b> , 48, 1551-1558	3.1	11
25	Silac-based quantitative proteomic analysis of Lactobacillus reuteri CRL 1101 response to the presence of selenite and selenium nanoparticles. <i>Journal of Proteomics</i> , <b>2019</b> , 195, 53-65	3.9	11
24	Comparison of sample preparation strategies for target analysis of total thyroid hormones levels in serum by liquid chromatography-quadrupole time-of-flight-mass spectrometry. <i>Talanta</i> , <b>2017</b> , 164, 570-579	6.2	10
23	Selenium and mercury concentration in drinking water and food samples from a coal mining area in Brazil. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 15510-15517	5.1	9
22	Fate and effect of in-house synthesized tellurium based nanoparticles on bacterial biofilm biomass and architecture. Challenges for nanoparticles characterization in living systems. <i>Science of the Total Environment</i> , <b>2020</b> , 719, 137501	10.2	9
21	Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2016</b> , 31, 1330-1373	3.7	9
20	Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2021</b> , 36, 1326-1373	3.7	9
19	Impact of fish growing conditions and cooking methods on selenium species in swordfish and salmon fillets. <i>Journal of Food Composition and Analysis</i> , <b>2019</b> , 83, 103275	4.1	8
18	Glucose as a chemical modifier for the determination of antimony and selenium by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1995</b> , 10, 321-324	3.7	8
17	Availability of zinc from infant formula by in vitro methods (solubility and dialyzability) and size-exclusion chromatography coupled to inductively coupled plasma-mass spectrometry. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 9405-9414	4	6
16	Synthesis of [(77)Se]-methylselenocysteine when preparing sauerkraut in the presence of [(77)Se]-selenite. Metabolic transformation of [(77)Se]-methylselenocysteine in Wistar rats determined by LC-IDA-ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 7949-58	4.4	6
15	Fructose-6-phosphate kinase immobilized on controlled-pore glass as a substrate for selective separation of antimony(III). <i>Journal of Analytical Atomic Spectrometry</i> , <b>1993</b> , 8, 745-748	3.7	6
14	A New Method for Feedback Stabilization of a Microwave Power Supply. <i>Applied Spectroscopy</i> , <b>1992</b> , 46, 1162-1167	3.1	6
13	Preparation and characterization of a laboratory scale selenomethionine-enriched bread. Selenium bioaccessibility. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 120-7	5.7	5
12	Capability of diatomaceous earth to preconcentrate and store Pb and Cr: on-line determination by FI-FAAS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2002</b> , 373, 244-50	4.4	3
11	In vivo quantification of volatile organoselenium compounds released by bacteria exposed to selenium with HS-SPME-GC-MS. Effect of selenite and selenium nanoparticles. <i>Talanta</i> , <b>2021</b> , 224, 121907	6.2	3
10	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

9	Selenium supplementation by addition of sodium selenate with silage additive. <i>Agricultural and Food Science</i> , <b>2014</b> , 23, 81-88	2	2
8	Nanospeciation Analysis Using Field Flow Fractionation <b>2017</b> , 1-24		1
7	Levels of arsenic, mercury and selenium in <i>Clarias gariepinus</i> from Sagua la Grande River, Cuba. <i>Annales De Limnologie</i> , <b>2013</b> , 49, 113-119	0.7	1
6	Biotrapping as an alternative to metal preconcentration and speciation. <i>Comprehensive Analytical Chemistry</i> , <b>2003</b> , 41, 533-558	1.9	1
5	Chapter 3 The use of biological substrates for preconcentration and element speciation. <i>Comprehensive Analytical Chemistry</i> , <b>2000</b> , 41-79	1.9	1
4	Feasibility study prior to the certification of trace elements in urban and industrial wastewater reference materials. <i>Journal of Environmental Monitoring</i> , <b>2000</b> , 2, 576-81		1
3	11. Antimony speciation in water. <i>Techniques and Instrumentation in Analytical Chemistry</i> , <b>1995</b> , 263-283		1
2	A combined analytical-chemometric approach for the in vitro determination of polyphenol bioaccessibility by simulated gastrointestinal digestion.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 414, 2739	4.4	0
1	Analysis of Se and Hg biomolecules distribution and Se speciation in poorly studied protein fractions of muscle tissues of highly consumed fishes by SEC-UV-ICP-MS and HPLC-ESI-MS/MS. <i>Talanta</i> , <b>2022</b> , 237, 122922	6.2	0