

Yolanda Madrid

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.

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 | A combined analytical-chemometric approach for the in vitro determination of polyphenol bioaccessibility by simulated gastrointestinal digestion.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 414, 2739 | 4.4 | 0 |
| 115 | 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> , 2022 , 237, 122922 | 6.2 | 0 |
| 114 | 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> , 2021 , 224, 121907 | 6.2 | 3 |
| 113 | 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> , 2021 , 36, 1180-1192 | 3.7 | 3 |
| 112 | Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1326-1373 | 3.7 | 9 |
| 111 | Atomic spectrometry update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 1236-1278 | 3.7 | 12 |
| 110 | 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> , 2020 , 719, 137501 | 10.2 | 9 |
| 109 | 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> , 2020 , 1128, 116-128 | 6.6 | 14 |
| 108 | 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> , 2020 , 725, 138453 | 10.2 | 12 |
| 107 | Unravelling mechanisms of bacterial quorum sensing disruption by metal-based nanoparticles. <i>Science of the Total Environment</i> , 2019 , 696, 133869 | 10.2 | 13 |
| 106 | Impact of fish growing conditions and cooking methods on selenium species in swordfish and salmon fillets. <i>Journal of Food Composition and Analysis</i> , 2019 , 83, 103275 | 4.1 | 8 |
| 105 | Atomic spectrometry update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 1306-1350 | 3.7 | 25 |
| 104 | Selenium and tellurium-based nanoparticles as interfering factors in quorum sensing-regulated processes: violacein production and bacterial biofilm formation. <i>Metallomics</i> , 2019 , 11, 1104-1114 | 4.5 | 26 |
| 103 | Selenium and mercury concentration in drinking water and food samples from a coal mining area in Brazil. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 15510-15517 | 5.1 | 9 |
| 102 | Silac-based quantitative proteomic analysis of Lactobacillus reuteri CRL 1101 response to the presence of selenite and selenium nanoparticles. <i>Journal of Proteomics</i> , 2019 , 195, 53-65 | 3.9 | 11 |
| 101 | Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 1103-1149 | 3.7 | 22 |
| 100 | Food prospects of selenium enriched-Lactobacillus acidophilus CRL 636 and Lactobacillus reuteri CRL 1101. <i>Journal of Functional Foods</i> , 2017 , 35, 466-473 | 5.1 | 25 |

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| 99 | 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> , 2017 , 132, 19-25 | 3.1 | 13 |
| 98 | 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> , 2017 , 164, 570-579 | 6.2 | 10 |
| 97 | Atomic spectrometry update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1239-1282 | 3.7 | 13 |
| 96 | Nanospeciation Analysis Using Field Flow Fractionation 2017 , 1-24 | | 1 |
| 95 | 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> , 2017 , 18, | 6.3 | 13 |
| 94 | 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> , 2016 , 99, 9405-9414 | 4 | 6 |
| 93 | Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1330-1373 | 3.7 | 9 |
| 92 | Effect of selenite and selenium nanoparticles on lactic bacteria: A multi-analytical study. <i>Microchemical Journal</i> , 2016 , 126, 488-495 | 4.8 | 24 |
| 91 | Nano selenium as antioxidant agent in a multilayer food packaging material. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6659-70 | 4.4 | 53 |
| 90 | Atomic Spectrometry Update: review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1427-1468 | 3.7 | 15 |
| 89 | Accumulation and biotransformation of chitosan-modified selenium nanoparticles in exposed radish (<i>Raphanus sativus</i>). <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1237-1244 | 3.7 | 20 |
| 88 | Characterization of selenium-enriched wheat by agronomic biofortification. <i>Journal of Food Science and Technology</i> , 2015 , 52, 4236-45 | 3.3 | 51 |
| 87 | Preparation and characterization of a laboratory scale selenomethionine-enriched bread. Selenium bioaccessibility. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 120-7 | 5.7 | 5 |
| 86 | Atomic spectrometry updates. Review of advances in elemental speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1158 | 3.7 | 21 |
| 85 | Prospects and difficulties in TiO ₂ nanoparticles analysis in cosmetic and food products using asymmetrical flow field-flow fractionation hyphenated to inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2014 , 124, 71-8 | 6.2 | 72 |
| 84 | Se metallomics during lactic fermentation of Se-enriched yogurt. <i>Food Chemistry</i> , 2014 , 164, 371-9 | 8.5 | 39 |
| 83 | 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> , 2014 , 406, 7949-58 | 4.4 | 6 |
| 82 | Selenium supplementation by addition of sodium selenate with silage additive. <i>Agricultural and Food Science</i> , 2014 , 23, 81-88 | 2 | 2 |

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| 81 | Molecular mechanisms involved in the protective effect of selenocystine against methylmercury-induced cell death in human HepG2 cells. <i>Food and Chemical Toxicology</i> , 2013 , 59, 554-634-7 | 4.7 | 22 |
| 80 | Atomic spectrometry update. Elemental speciation review. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1153 | 3.7 | 17 |
| 79 | Migration of antimony from PET containers into regulated EU food simulants. <i>Food Chemistry</i> , 2013 , 141, 816-22 | 8.5 | 36 |
| 78 | Levels of arsenic, mercury and selenium in <i>Clarias gariepinus</i> from Sagua la Grande River, Cuba. <i>Annales De Limnologie</i> , 2013 , 49, 113-119 | 0.7 | 1 |
| 77 | Selenite biotransformation during brewing. Evaluation by HPLC-ICP-MS. <i>Talanta</i> , 2012 , 88, 272-6 | 6.2 | 25 |
| 76 | Bioaccumulation and transformation of methylmercury and selenite using zebrafish (<i>Danio Rerio</i>) larvae as a model. <i>Talanta</i> , 2012 , 89, 169-77 | 6.2 | 12 |
| 75 | Analysis of protein expression in developmental toxicity induced by MeHg in zebrafish. <i>Analyst, The</i> , 2012 , 137, 5302-11 | 5 | 22 |
| 74 | Differential protein expression of hepatic cells associated with MeHg exposure: deepening into the molecular mechanisms of toxicity. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 315-24 | 4.4 | 12 |
| 73 | Se improves indole glucosinolate hydrolysis products content, Se-methylselenocysteine content, antioxidant capacity and potential anti-inflammatory properties of sauerkraut. <i>Food Chemistry</i> , 2012 , 132, 907-914 | 8.5 | 46 |
| 72 | Selenoproteins: the key factor in selenium essentiality. State of the art analytical techniques for selenoprotein studies. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1717-27 | 4.4 | 46 |
| 71 | Selenium biotransformation by <i>Saccharomyces cerevisiae</i> and <i>Saccharomyces bayanus</i> during white wine manufacture: Laboratory-scale experiments. <i>Food Chemistry</i> , 2011 , 124, 1050-1055 | 8.5 | 44 |
| 70 | 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> , 2011 , 26, 116-125 | 3.7 | 22 |
| 69 | Molecular mechanisms of methylmercury-induced cell death in human HepG2 cells. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1405-11 | 4.7 | 27 |
| 68 | Approach for rapid extraction and speciation of mercury using a microtip ultrasonic probe followed by LC-ICP-MS. <i>Talanta</i> , 2010 , 82, 594-9 | 6.2 | 35 |
| 67 | Agronomic biofortification of Brassica with selenium. Enrichment of SeMet and its identification in Brassica seeds and meal. <i>Plant and Soil</i> , 2010 , 337, 273-283 | 4.2 | 68 |
| 66 | Novel approaches for selenium speciation in foodstuffs and biological specimens: a review. <i>Analytica Chimica Acta</i> , 2009 , 634, 135-52 | 6.6 | 219 |
| 65 | Screening of selenium containing proteins in the Tris-buffer soluble fraction of African catfish (<i>Clarias gariepinus</i>) filets by laser ablation-ICP-MS after SDS-PAGE and electroblotting onto membranes. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 775 | 3.7 | 30 |
| 64 | Protective effect of selenium in Broccoli (<i>Brassica oleracea</i>) plants subjected to cadmium exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 266-71 | 5.7 | 103 |

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| 63 | 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> , 2007 , 22, 1061 | 3.7 | 25 |
| 62 | Water sampling: Traditional methods and new approaches in water sampling strategy. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 293-299 | 14.6 | 91 |
| 61 | Identification of selenium species in selenium-enriched <i>Lens esculenta</i> plants by using two-dimensional liquid chromatography-inductively coupled plasma mass spectrometry and [⁷⁷ Se]selenomethionine selenium oxide spikes. <i>Journal of Chromatography A</i> , 2007 , 1139, 247-53 | 4.5 | 37 |
| 60 | 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> , 2007 , 596, 251-6 | 6.6 | 47 |
| 59 | Selenium methylselenocysteine protects human hepatoma HepG2 cells against oxidative stress induced by tert-butyl hydroperoxide. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 2167-78 | 4.4 | 43 |
| 58 | Mercury-selenium species ratio in representative fish samples and their bioaccessibility by an in vitro digestion method. <i>Biological Trace Element Research</i> , 2007 , 119, 195-211 | 4.5 | 96 |
| 57 | Selenium long-term administration and its effect on mercury toxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4461-8 | 5.7 | 18 |
| 56 | Selenium species bioaccessibility in enriched radish (<i>Raphanus sativus</i>): a potential dietary source of selenium. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 2412-7 | 5.7 | 99 |
| 55 | Study of mercury/selenium interaction in chicken liver by size exclusion chromatography inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2005 , 20, 847-51 | 3.7 | 17 |
| 54 | 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> , 2005 , 53, 2125-32 | 5.7 | 18 |
| 53 | Quantification and speciation of mercury and selenium in fish samples of high consumption in Spain and Portugal. <i>Biological Trace Element Research</i> , 2005 , 103, 17-35 | 4.5 | 79 |
| 52 | 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> , 2005 , 381, 373-9 | 4.4 | 44 |
| 51 | Establishment of selenium uptake and species distribution in lupine, Indian mustard, and sunflower plants. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 832-8 | 5.7 | 92 |
| 50 | Advanced oxidation processes for sample treatment in atomic spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2004 , 23, 331-340 | 14.6 | 42 |
| 49 | Certified reference materials (CRMs) for quality control of trace-element determinations in wastewaters. <i>TrAC - Trends in Analytical Chemistry</i> , 2004 , 23, 194-202 | 14.6 | 22 |
| 48 | 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> , 2004 , 18, 606-613 | 3.1 | 13 |
| 47 | Enzymatic digestion and ultrasonication: a powerful combination in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2004 , 23, 654-663 | 14.6 | 70 |
| 46 | 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> , 2004 , 501, 157-167 | 6.6 | 54 |

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| 45 | Selenium and mercury bioaccessibility in fish samples: an in vitro digestion method. <i>Analytica Chimica Acta</i> , 2004 , 526, 51-61 | 6.6 | 154 |
| 44 | SPME-multicapillary GC coupled to different detection systems and applied to volatile organo-selenium speciation in yeast. <i>Journal of Analytical Atomic Spectrometry</i> , 2004 , 19, 260-266 | 3.7 | 36 |
| 43 | Biotrapping as an alternative to metal preconcentration and speciation. <i>Comprehensive Analytical Chemistry</i> , 2003 , 41, 533-558 | 1.9 | 1 |
| 42 | SPME for on-line volatile organo-selenium speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2003 , 18, 467-473 | 3.7 | 23 |
| 41 | Elimination of calcium and argon interferences in iron determination by ICP-MS using desferrioxamine chelating agent immobilized in sol-gel and cold plasma conditions. <i>Journal of Analytical Atomic Spectrometry</i> , 2003 , 18, 1103-1108 | 3.7 | 24 |
| 40 | Capability of diatomaceous earth to preconcentrate and store Pb and Cr: on-line determination by FI-FAAS. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 373, 244-50 | 4.4 | 3 |
| 39 | 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> , 2002 , 374, 513-9 | 4.4 | 24 |
| 38 | Mercury speciation using the capillary cold trap coupled with microwave-induced plasma atomic emission spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2001 , 16, 1397-1402 | 3.7 | 22 |
| 37 | Evaluation of Lupinus Species to Accumulate Heavy Metals From Waste Waters. <i>International Journal of Phytoremediation</i> , 2001 , 3, 369-379 | 3.9 | 19 |
| 36 | Chapter 3 The use of biological substrates for preconcentration and element speciation. <i>Comprehensive Analytical Chemistry</i> , 2000 , 41-79 | 1.9 | 1 |
| 35 | Feasibility study prior to the certification of trace elements in urban and industrial wastewater reference materials. <i>Journal of Environmental Monitoring</i> , 2000 , 2, 576-81 | | 1 |
| 34 | 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> , 2000 , 72, 4178-84 | 7.8 | 18 |
| 33 | Simultaneous determination of As, Hg, Se and Sb by hydride generation-microwave induced plasma atomic emission spectrometry after preconcentration in a cryogenic trap. <i>Journal of Analytical Atomic Spectrometry</i> , 1999 , 14, 1349-1355 | 3.7 | 17 |
| 32 | 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> , 1999 , 14, 131-135 | 3.7 | 28 |
| 31 | Analytical methods for antimony speciation in waters at trace and ultratrace levels. A review. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 360, 623-629 | | 100 |
| 30 | 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> , 1998 , 123, 1593-1598 | 5 | 31 |
| 29 | Biological substrates for metal preconcentration and speciation. <i>TrAC - Trends in Analytical Chemistry</i> , 1997 , 16, 36-44 | 14.6 | 87 |
| 28 | 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> , 1997 , 345, 249-255 | 6.6 | 76 |

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|----|---|-----|----|
| 27 | Evaluation of flow-injection in lead hydride generation-atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 1995 , 120, 63-72 | 5.8 | 23 |
| 26 | 11. Antimony speciation in water. <i>Techniques and Instrumentation in Analytical Chemistry</i> , 1995 , 263-283 | | 1 |
| 25 | 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> , 1995 , 67, 750-4 | 7.8 | 53 |
| 24 | Glucose as a chemical modifier for the determination of antimony and selenium by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1995 , 10, 321-324 | 3.7 | 8 |
| 23 | 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> , 1995 , 10, 815-821 | 3.7 | 57 |
| 22 | 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> , 1994 , 49, 163-170 | 3.1 | 12 |
| 21 | 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> , 1994 , 49, 1049-1055 | 3.1 | 24 |
| 20 | Noise Characterization of the Microwave Plasma Torch (MPT) Source. <i>Applied Spectroscopy</i> , 1994 , 48, 994-1002 | 3.1 | 13 |
| 19 | Lead hydride generation atomic absorption spectrometry: an alternative to electrothermal atomic absorption spectrometry. A review. <i>Analyst, The</i> , 1994 , 119, 1647-1658 | 5 | 30 |
| 18 | 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> , 1994 , 9, 1423 | 3.7 | 26 |
| 17 | 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> , 1993 , 8, 745-748 | 3.7 | 6 |
| 16 | Evaluation of flow-injection techniques for microwave plasma torch atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 1993 , 277, 1-8 | 6.6 | 23 |
| 15 | Sensitized determination of mercury by cold vapour generation from micellar media and atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1993 , 48, 1551-1558 | 3.1 | 11 |
| 14 | A New Method for Feedback Stabilization of a Microwave Power Supply. <i>Applied Spectroscopy</i> , 1992 , 46, 1162-1167 | 3.1 | 6 |
| 13 | 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> , 1992 , 343, 597-599 | | 12 |
| 12 | Stability study of total antimony, Sb(III) and Sb(V) at the trace level. <i>Fresenius Journal of Analytical Chemistry</i> , 1992 , 344, 27-29 | | 19 |
| 11 | 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> , 1992 , 47, 1165-1172 | 3.1 | 17 |
| 10 | 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> , 1992 , 109, 149-155 | 5.8 | 29 |

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| 9 | 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> , 1991 , 247, 7-11 | 6.6 | 14 |
| 8 | Flow-injection and continuous-flow systems to determine antimony(III) and antimony(V) by hydride generation atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 1991 , 252, 161-166 | 6.6 | 22 |
| 7 | Determination of total available antimony in marine sediments by slurry formation-Hydride generation atomic absorption spectrometry. Applicability to the selective determination of antimony(III) and antimony(V). <i>Analyst, The</i> , 1991 , 116, 1029-1032 | 5 | 21 |
| 6 | Combination of chemical modifiers and graphite tube pre-treatment to determine boron by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1991 , 6, 669-671 | 3.7 | 21 |
| 5 | 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> , 1990 , 237, 181-187 | 6.6 | 27 |
| 4 | Evaluation of oxidant media for the determination of lead in food slurries by hydride generation atomic absorption spectrometry. <i>Analyst, The</i> , 1990 , 115, 563-5 | 5 | 17 |
| 3 | 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> , 1989 , 4, 167-169 | 3.7 | 25 |
| 2 | 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> , 1989 , 4, 163-166 | 3.7 | 16 |
| 1 | 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> , 1988 , 3, 1097-1100 | 3.7 | 13 |