

JosÃ© L GÃ³mez-Ariza

List of Publications by Year in descending order

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220
papers

7,458
citations

47006

47
h-index

95266

68
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all docs

222
docs citations

222
times ranked

7606
citing authors

#	ARTICLE	IF	CITATIONS
1	Untargeted Gut Metabolomics to Delve the Interplay between Selenium Supplementation and Gut Microbiota. <i>Journal of Proteome Research</i> , 2022, 21, 758-767.	3.7	15
2	Targeted and untargeted metabolomic analysis of <i>Procambarus clarkii</i> exposed to a chemical cocktail of heavy metals and diclofenac. <i>Chemosphere</i> , 2022, 293, 133410.	8.2	11
3	Toxic Metals and Subclinical Atherosclerosis in Carotid, Femoral, and Coronary Vascular Territories: The Aragon Workers Health Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 87-99.	2.4	17
4	Levels and determinants of urinary cadmium in general population in Spain: Metal-MCC-Spain study. <i>Environmental Research</i> , 2022, 210, 112959.	7.5	4
5	Gene-environment interaction analysis of redox-related metals and genetic variants with plasma metabolic patterns in a general population from Spain: The Hortega Study. <i>Redox Biology</i> , 2022, 52, 102314.	9.0	9
6	Arsenic, cadmium, and selenium exposures and bone mineral density-related endpoints: The HORTEGA study. <i>Free Radical Biology and Medicine</i> , 2021, 162, 392-400.	2.9	35
7	Advances in lung cancer biomarkers: The role of (metal-) metabolites and selenoproteins. <i>Advances in Clinical Chemistry</i> , 2021, 100, 91-137.	3.7	5
8	Environmental metal toxicity assessment by the combined application of metallomics and metabolomics. <i>Environmental Science and Pollution Research</i> , 2021, 28, 25014-25034.	5.3	4
9	Toxic metals in toenails as biomarkers of exposure: A review. <i>Environmental Research</i> , 2021, 197, 111028.	7.5	39
10	Metabolic impairments, metal traffic, and dyshomeostasis caused by the antagonistic interaction of cadmium and selenium using organic and inorganic mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2020, 27, 1762-1775.	5.3	20
11	Sex-dependent calcium hyperactivity due to lysosomal-related dysfunction in astrocytes from APOE4 versus APOE3 gene targeted replacement mice. <i>Molecular Neurodegeneration</i> , 2020, 15, 35.	10.8	35
12	Environmental metallomics and metabolomics in free-living and model organisms. , 2020, , 91-119.		1
13	Optimization of hollow-fiber liquid phase microextraction for polychlorinated biphenyls in human breast milk. <i>Journal of Chromatography A</i> , 2020, 1626, 461381.	3.7	15
14	Absolute quantification of selenoproteins and selenometabolites in lung cancer human serum by column switching coupled to triple quadrupole inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1619, 460919.	3.7	16
15	A novel HPLC column switching method coupled to ICP-MS/QTOF for the first determination of selenoprotein P (SELENOP) in human breast milk. <i>Food Chemistry</i> , 2020, 321, 126692.	8.2	12
16	Effervescence-assisted spiral hollow-fibre liquid-phase microextraction of trihalomethanes, halonitromethanes, haloacetonitriles, and halo ketones in drinking water. <i>Journal of Hazardous Materials</i> , 2020, 397, 122790.	12.4	15
17	Toenails as biomarker of exposure to essential trace metals: A review.. <i>Environmental Research</i> , 2019, 179, 108787.	7.5	62
18	Insights into cancer and neurodegenerative diseases through selenoproteins and the connection with gut microbiota – current analytical methodologies. <i>Expert Review of Proteomics</i> , 2019, 16, 805-814.	3.0	15

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19	Metabolic Impairments Caused by a "Chemical Cocktail" of DDE and Selenium in Mice Using Direct Infusion Triple Quadrupole Time-of-Flight and Gas Chromatography-Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2019, 32, 1940-1954.	3.3	8
20	Childhood chromium exposure and neuropsychological development in children living in two polluted areas in southern Spain. <i>Environmental Pollution</i> , 2019, 252, 1550-1560.	7.5	30
21	The association of urine metals and metal mixtures with cardiovascular incidence in an adult population from Spain: the Hortegea Follow-Up Study. <i>International Journal of Epidemiology</i> , 2019, 48, 1839-1849.	1.9	75
22	The Metallome of Lung Cancer and its Potential Use as Biomarker. <i>International Journal of Molecular Sciences</i> , 2019, 20, 778.	4.1	18
23	Metabolic Impairments Caused by Pesticides in Mammals and Their Interactions with Other Pollutants. , 2019, , .		0
24	Urinary metals and metal mixtures and oxidative stress biomarkers in an adult population from Spain: The Hortegea Study. <i>Environment International</i> , 2019, 123, 171-180.	10.0	68
25	Study of the metabolomic relationship between lung cancer and chronic obstructive pulmonary disease based on direct infusion mass spectrometry. <i>Biochimie</i> , 2019, 157, 111-122.	2.6	14
26	Metabolomic study of bioactive compounds in strawberries preserved under controlled atmosphere based on GC-MS and DI-ESI-QqTOF-MS. <i>Phytochemical Analysis</i> , 2019, 30, 198-207.	2.4	6
27	Metabolomic study of serum, urine and bronchoalveolar lavage fluid based on gas chromatography mass spectrometry to delve into the pathology of lung cancer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 163, 122-129.	2.8	31
28	Arsenic exposure, diabetes-related genes and diabetes prevalence in a general population from Spain. <i>Environmental Pollution</i> , 2018, 235, 948-955.	7.5	52
29	Mass spectrometry based analytical approaches and pitfalls for toxicometabolomics of arsenic in mammals: A tutorial review. <i>Analytica Chimica Acta</i> , 2018, 1000, 41-66.	5.4	13
30	Simultaneous Speciation of Selenoproteins and Selenometabolites in Plasma and Serum. <i>Methods in Molecular Biology</i> , 2018, 1661, 163-175.	0.9	6
31	Combination of HPLC with organic and inorganic mass spectrometry to study the metabolic response of the clam <i>Scrobicularia plana</i> to arsenic exposure. <i>Electrophoresis</i> , 2018, 39, 635-644.	2.4	7
32	Metabolomic alterations and oxidative stress are associated with environmental pollution in <i>Procambarus clarkii</i> . <i>Aquatic Toxicology</i> , 2018, 205, 76-88.	4.0	31
33	Metal dyshomeostasis based biomarkers of lung cancer using human biofluids. <i>Metallomics</i> , 2018, 10, 1444-1451.	2.4	28
34	Environmental Metallomics. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1055, 39-66.	1.6	6
35	2D-DIGE as a proteomic biomarker discovery tool in environmental studies with <i>Procambarus clarkii</i> . <i>Science of the Total Environment</i> , 2017, 584-585, 813-827.	8.0	17
36	Selenium, selenoproteins and selenometabolites in mothers and babies at the time of birth. <i>British Journal of Nutrition</i> , 2017, 117, 1304-1311.	2.3	20

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37	Urine cadmium levels and albuminuria in a general population from Spain: A gene-environment interaction analysis. <i>Environment International</i> , 2017, 106, 27-36.	10.0	44
38	A two-stage predictive model to simultaneous control of trihalomethanes in water treatment plants and distribution systems: adaptability to treatment processes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22631-22648.	5.3	12
39	Combined proteomic and metallomic analyses in <i>Scrobicularia plana</i> clams to assess environmental pollution of estuarine ecosystems. <i>Marine Pollution Bulletin</i> , 2016, 113, 117-124.	5.0	9
40	Metabolic profiling of potential lung cancer biomarkers using bronchoalveolar lavage fluid and the integrated direct infusion/ gas chromatography mass spectrometry platform. <i>Journal of Proteomics</i> , 2016, 145, 197-206.	2.4	60
41	Metabolomic-Driven Elucidation of Serum Disturbances Associated with Alzheimer's Disease and Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2016, 13, 641-653.	1.4	43
42	Environmental metabolomics: Biological markers for metal toxicity. <i>Electrophoresis</i> , 2015, 36, 2348-2365.	2.4	42
43	Application of hollow fiber liquid phase microextraction for simultaneous determination of regulated and emerging iodinated trihalomethanes in drinking water. <i>Journal of Chromatography A</i> , 2015, 1402, 8-16.	3.7	22
44	Application of metabolomics based on direct mass spectrometry analysis for the elucidation of altered metabolic pathways in serum from the APP/PS1 transgenic model of Alzheimer's disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 378-385.	2.8	49
45	Metabolite profiling for the identification of altered metabolic pathways in Alzheimer's disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 75-81.	2.8	158
46	Deciphering metabolic abnormalities associated with Alzheimer's disease in the APP/PS1 mouse model using integrated metabolomic approaches. <i>Biochimie</i> , 2015, 110, 119-128.	2.6	43
47	Biological interactions between mercury and selenium in distribution and detoxification processes in mice under controlled exposure. Effects on selenoprotein. <i>Chemico-Biological Interactions</i> , 2015, 229, 82-90.	4.0	43
48	Combination of direct infusion mass spectrometry and gas chromatography mass spectrometry for toxicometabolomic study of red blood cells and serum of mice <i>Mus musculus</i> after mercury exposure. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 985, 75-84.	2.3	16
49	Metabolomics reveals significant impairments in the immune system of the APP/PS1 transgenic mice of Alzheimer's disease. <i>Electrophoresis</i> , 2015, 36, 577-587.	2.4	27
50	High throughput multiorgan metabolomics in the APP/PS1 mouse model of Alzheimer's disease. <i>Electrophoresis</i> , 2015, 36, 2237-2249.	2.4	28
51	Elucidation of the defence mechanism in microalgae <i>Chlorella sorokiniana</i> under mercury exposure. Identification of Hg ²⁺ -phytochelatin. <i>Chemico-Biological Interactions</i> , 2015, 238, 82-90.	4.0	60
52	Metabolomic investigation of systemic manifestations associated with Alzheimer's disease in the APP/PS1 transgenic mouse model. <i>Molecular BioSystems</i> , 2015, 11, 2429-2440.	2.9	38
53	Shotgun metabolomic approach based on mass spectrometry for hepatic mitochondria of mice under arsenic exposure. <i>BioMetals</i> , 2015, 28, 341-351.	4.1	24
54	Metabolomic research on the role of interleukin-4 in Alzheimer's disease. <i>Metabolomics</i> , 2015, 11, 1175-1183.	3.0	17

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55	Metabolomic screening of regional brain alterations in the APP/PS1 transgenic model of Alzheimer's disease by direct infusion mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 425-435.	2.8	79
56	Application of a novel metabolomic approach based on atmospheric pressure photoionization mass spectrometry using flow injection analysis for the study of Alzheimer's disease. <i>Talanta</i> , 2015, 131, 480-489.	5.5	70
57	Effect of Selenate on Viability and Selenomethionine Accumulation of <i>Chlorella sorokiniana</i> Grown in Batch Culture. <i>Scientific World Journal</i> , The, 2014, 2014, 1-13.	2.1	32
58	Simultaneous speciation of selenoproteins and selenometabolites in plasma and serum by dual size exclusion-affinity chromatography with online isotope dilution inductively coupled plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2719-2725.	3.7	26
59	Metabolomic study in plasma, liver and kidney of mice exposed to inorganic arsenic based on mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1455-1469.	3.7	52
60	A multiple hollow fibre liquid-phase microextraction method for the determination of halogenated solvent residues in olive oil. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1567-1571.	3.7	3
61	Combination of metabolomic and phospholipid-profiling approaches for the study of Alzheimer's disease. <i>Journal of Proteomics</i> , 2014, 104, 37-47.	2.4	123
62	Omics technologies and their applications to evaluate metal toxicity in mice <i>M. spretus</i> as a bioindicator. <i>Journal of Proteomics</i> , 2014, 104, 4-23.	2.4	26
63	Arsenic metabolites in human serum and urine after seafood (<i>Anemonia sulcata</i>) consumption and bioaccessibility assessment using liquid chromatography coupled to inorganic and organic mass spectrometry. <i>Microchemical Journal</i> , 2014, 112, 56-64.	4.5	32
64	Antagonistic interaction of selenomethionine enantiomers on methylmercury toxicity in the microalgae <i>Chlorella sorokiniana</i> . <i>Metallomics</i> , 2014, 6, 347.	2.4	15
65	Characterization of metal profiles in serum during the progression of Alzheimer's disease. <i>Metallomics</i> , 2014, 6, 292-300.	2.4	97
66	Cadmium toxicity in <i>Mus musculus</i> mice based on a metallomic study. Antagonistic interaction between Se and Cd in the bloodstream. <i>Metallomics</i> , 2014, 6, 672-681.	2.4	14
67	Application of metallomic and metabolomic approaches in exposure experiments on laboratory mice for environmental metal toxicity assessment. <i>Metallomics</i> , 2014, 6, 237.	2.4	25
68	Region-specific metabolic alterations in the brain of the APP/PS1 transgenic mice of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2395-2402.	3.8	80
69	Metabolomic profiling of serum in the progression of Alzheimer's disease by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 3321-3330.	2.4	105
70	Using direct infusion mass spectrometry for serum metabolomics in Alzheimer's disease. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7137-7148.	3.7	78
71	Use of Metallomics and Metabolomics to Assess Metal Pollution in Doñana National Park (SW Spain). <i>Environmental Science & Technology</i> , 2014, 48, 7747-7755.	10.0	17
72	Absolute quantification of superoxide dismutase in cytosol and mitochondria of mice hepatic cells exposed to mercury by a novel metallomic approach. <i>Analytica Chimica Acta</i> , 2014, 842, 42-50.	5.4	11

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73	The environmental quality of DoÃ±ana surrounding areas affects the immune transcriptional profile of inhabitant crayfish <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , 2014, 40, 136-145.	3.6	18
74	Use of elemental and molecular-mass spectrometry to assess the toxicological effects of inorganic mercury in the mouse <i>Mus musculus</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5853-5865.	3.7	19
75	Homeostasis of metals in the progression of Alzheimer's disease. <i>BioMetals</i> , 2014, 27, 539-549.	4.1	80
76	Metabolic signatures associated with environmental pollution by metals in DoÃ±ana National Park using <i>P. clarkii</i> as bioindicator. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13315-13323.	5.3	32
77	Development of a metabolomic approach based on urine samples and direct infusion mass spectrometry. <i>Analytical Biochemistry</i> , 2014, 465, 20-27.	2.4	44
78	Heterologous Microarray Analysis of Transcriptome Alterations in <i>Mus spretus</i> Mice Living in an Industrial Settlement. <i>Environmental Science & Technology</i> , 2014, 48, 2183-2192.	10.0	13
79	A combination of metallomics and metabolomics studies to evaluate the effects of metal interactions in mammals. Application to <i>Mus musculus</i> mice under arsenic/cadmium exposure. <i>Journal of Proteomics</i> , 2014, 104, 66-79.	2.4	39
80	Metabolomic study of lipids in serum for biomarker discovery in Alzheimer's disease using direct infusion mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 321-326.	2.8	91
81	Continuous production of selenomethionine-enriched <i>Chlorella sorokiniana</i> biomass in a photobioreactor. <i>Process Biochemistry</i> , 2013, 48, 1235-1241.	3.7	17
82	Metal interactions in mice under environmental stress. <i>BioMetals</i> , 2013, 26, 651-666.	4.1	35
83	Evolution of metallothionein isoforms complexes in hepatic cells of <i>Mus musculus</i> along cadmium exposure. <i>BioMetals</i> , 2013, 26, 639-650.	4.1	17
84	Development of a new column switching method for simultaneous speciation of selenometabolites and selenoproteins in human serum. <i>Journal of Chromatography A</i> , 2013, 1318, 171-179.	3.7	35
85	Analysis of the biological response of mouse liver (<i>Mus musculus</i>) exposed to As ₂ O ₃ based on integrated -omics approaches. <i>Metallomics</i> , 2013, 5, 1644.	2.4	39
86	Simultaneous speciation and preconcentration of ultra trace concentrations of mercury and selenium species in environmental and biological samples by hollow fiber liquid phase microextraction prior to high performance liquid chromatography coupled to inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1300, 43-50.	3.7	45
87	Speciation of arsenic in marine food (<i>Anemonia sulcata</i>) by liquid chromatography coupled to inductively coupled plasma mass spectrometry and organic mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1282, 133-141.	3.7	20
88	Speciation studies of vanadium in human liver (HepG2) cells after in vitro exposure to bis(maltolato)oxovanadium(IV) using HPLC online with elemental and molecular mass spectrometry. <i>Metallomics</i> , 2013, 5, 1685.	2.4	15
89	Inorganic mass spectrometry-based metallomics for environmental monitoring of terrestrial ecosystems affected by metal pollution using <i>Mus spretus</i> as bioindicator. <i>Journal of Integrated OMICS</i> , 2013, 3, .	0.5	0
90	Metallomic study of selenium biomolecules metabolized by the microalgae <i>Chlorella sorokiniana</i> in the biotechnological production of functional foods enriched in selenium. <i>Pure and Applied Chemistry</i> , 2012, 84, 269-280.	1.9	17

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91	Biological response of free-living mouse <i>Mus spretus</i> from DoÃ±ana National Park under environmental stress based on assessment of metal-binding biomolecules by SEC-ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1967-1981.	3.7	41
92	Iberian ham typification by direct infusion electrospray and photospray ionization mass spectrometry fingerprinting. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 835-844.	1.5	21
93	Biological responses related to agonistic, antagonistic and synergistic interactions of chemical species. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2237-2253.	3.7	59
94	Metabolomic approach to Alzheimer's disease diagnosis based on mass spectrometry. <i>Chemical Papers</i> , 2012, 66, .	2.2	21
95	Metal-metabolomics of microalga <i>Chlorella sorokiniana</i> growing in selenium- and iodine-enriched media. <i>Chemical Papers</i> , 2012, 66, .	2.2	10
96	Speciation of arsenic metabolites in the free-living mouse <i>Mus spretus</i> from DoÃ±ana National Park used as a bio-indicator for environmental pollution monitoring. <i>Chemical Papers</i> , 2012, 66, .	2.2	10
97	Characterisation of metal-binding biomolecules in the clam <i>Chamelea gallina</i> by bidimensional liquid chromatography with in series UV and ICP-MS detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 1282-1295.	3.3	4
98	Liquid chromatography-inductively coupled plasma-based metallomic approaches to probe health-relevant interactions between xenobiotics and mammalian organisms. <i>Metallomics</i> , 2011, 3, 566.	2.4	43
99	Size characterization of metal species in liver and brain from free-living (<i>Mus spretus</i>) and laboratory (<i>Mus Musculus</i>) mice by SEC-ICP-MS: Application to environmental contamination assessment. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 141-149.	3.0	25
100	New home-made assembly for hollow-fibre membrane extraction of persistent organic pollutants from real world samples. <i>Journal of Chromatography A</i> , 2011, 1218, 7923-7935.	3.7	13
101	Molecular mass spectrometric identification of superoxide dismutase in the liver of mice <i>Mus musculus</i> and <i>Mus spretus</i> using a metallomics analytical approach. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2779-2783.	3.7	6
102	Heavy metal mobility assessment in sediments from the Odiel River (Iberian Pyritic Belt) using sequential extraction. <i>Environmental Earth Sciences</i> , 2010, 61, 1493-1503.	2.7	22
103	Environmental monitoring of Domingo Rubio stream (Huelva Estuary, SW Spain) by combining conventional biomarkers and proteomic analysis in <i>Carcinus maenas</i> . <i>Environmental Pollution</i> , 2010, 158, 401-408.	7.5	42
104	Trace metal concentrations in sediments from the southwest of the Iberian Peninsula. <i>Scientia Marina</i> , 2010, 74, 99-106.	0.6	24
105	Iodine speciation in iodine-enriched microalgae <i>Chlorella vulgaris</i> . <i>Pure and Applied Chemistry</i> , 2010, 82, 473-481.	1.9	19
106	Simultaneous analysis of mercury and selenium species including chiral forms of selenomethionine in human urine and serum by HPLC column-switching coupled to ICP-MS. <i>Analyst</i> , The, 2010, 135, 2700.	3.5	66
107	Multivariate discriminant analysis distinguishes metal- from non metal-related biomarker responses in the clam <i>Chamaelea gallina</i> . <i>Marine Pollution Bulletin</i> , 2009, 58, 64-71.	5.0	13
108	Speciation of antimony in airborne particulate matter using ultrasound probe fast extraction and analysis by HPLC-HG-AFS. <i>Analytica Chimica Acta</i> , 2009, 649, 191-195.	5.4	35

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109	Metallomics integrated with proteomics in deciphering metal-related environmental issues. Biochimie, 2009, 91, 1311-1317.	2.6	27
110	Editorial and Advisory Board profiles. Metallomics, 2009, 1, 17.	2.4	1
111	Cumulative Internal Dose of Uranium in Workers Close to Phosphogypsum Waste Piles. Epidemiology, 2009, 20, S170.	2.7	0
112	Metal-binding molecules in the organs of <i>Mus musculus</i> by size-exclusion chromatography coupled with UV spectroscopy and ICP-MS. Analytical and Bioanalytical Chemistry, 2008, 390, 17-28.	3.7	19
113	Speciation of manganese binding to biomolecules in pine nuts (<i>Pinus pinea</i>) by two-dimensional liquid chromatography coupled to ultraviolet and inductively coupled plasma mass spectrometry detectors followed by identification by electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 3053-3060.	1.5	15
114	Arsenic speciation study of PM2.5 in an urban area near a copper smelter. Atmospheric Environment, 2008, 42, 6487-6495.	4.1	66
115	New metallothionein assay in <i>Scrobicularia plana</i> : Heating effect and correlation with other biomarkers. Environmental Pollution, 2008, 156, 1340-1347.	7.5	46
116	Integrated application of transcriptomics, proteomics, and metallomics in environmental studies. Pure and Applied Chemistry, 2008, 80, 2609-2626.	1.9	25
117	Diel cycles of arsenic speciation due to photooxidation in acid mine drainage from the Iberian Pyrite Belt (Sw Spain). Chemosphere, 2007, 66, 677-683.	8.2	34
118	Arsenic speciation of atmospheric particulate matter (PM10) in an industrialised urban site in southwestern Spain. Chemosphere, 2007, 66, 1485-1493.	8.2	91
119	Doñana National Park survey using crayfish (<i>Procambarus clarkii</i>) as bioindicator: Esterase inhibition and pollutant levels. Toxicology Letters, 2007, 168, 260-268.	0.8	48
120	First approach of a methodological set-up for selenomethionine chiral speciation in breast and formula milk using high-performance liquid chromatography coupled to atomic fluorescence spectroscopy. Applied Organometallic Chemistry, 2007, 21, 434-440.	3.5	13
121	Proteomics in free-living <i>Mus spretus</i> to monitor terrestrial ecosystems. Proteomics, 2007, 7, 4376-4387.	2.2	54
122	Combined use of total metal content and size fractionation of metal biomolecules to determine the provenance of pine nuts (<i>Pinus pinea</i>). Analytical and Bioanalytical Chemistry, 2007, 388, 1295-1302.	3.7	4
123	Absolute Transcript Expression Signatures of <i>Cyp</i> and <i>Gst</i> Genes in <i>Mus spretus</i> to Detect Environmental Contamination. Environmental Science & Technology, 2006, 40, 3646-3652.	10.0	43
124	Optimization of a multiple headspace SPME-GC-ECD-ICP-MS coupling for halogenated solvent residues in edible oils. Journal of Analytical Atomic Spectrometry, 2006, 21, 884-890.	3.0	10
125	A non-fluorous copper catalyst for the styrene cyclopropanation reaction in a fluoros medium. Chemical Communications, 2006, , 1000.	4.1	13
126	Organotin contamination in the Atlantic Ocean off the Iberian Peninsula in relation to shipping. Chemosphere, 2006, 64, 1100-1108.	8.2	39

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127	New preservation method for inorganic arsenic speciation in acid mine drainage samples. <i>Talanta</i> , 2006, 69, 1182-1189.	5.5	33
128	Comparative study of electrospray and photospray ionization sources coupled to quadrupole time-of-flight mass spectrometer for olive oil authentication. <i>Talanta</i> , 2006, 70, 859-869.	5.5	64
129	Use of flow injection atmospheric pressure photoionization quadrupole time-of-flight mass spectrometry for fast olive oil fingerprinting. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1181-1186.	1.5	31
130	Environmental proteomics and metallomics. <i>Proteomics</i> , 2006, 6, S51-S62.	2.2	103
131	Utility of proteomics to assess pollutant response of clams from the DoÃ±ana bank of Guadalquivir Estuary (SW Spain). <i>Proteomics</i> , 2006, 6, S245-S255.	2.2	52
132	Anthocyanins profile as fingerprint of wines using atmospheric pressure photoionisation coupled to quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 570, 101-108.	5.4	40
133	Use of multiple headspace solid-phase microextraction and pervaporation for the determination of off-flavours in wine. <i>Journal of Chromatography A</i> , 2006, 1112, 133-140.	3.7	47
134	Multielemental fractionation in pine nuts (<i>Pinus pinea</i>) from different geographic origins by size-exclusion chromatography with UV and inductively coupled plasma mass spectrometry detection. <i>Journal of Chromatography A</i> , 2006, 1121, 191-199.	3.7	37
135	The present environmental scenario of El Melah Lagoon (NE Tunisia) and its evolution to a future sabkha. <i>Journal of African Earth Sciences</i> , 2006, 44, 289-302.	2.0	44
136	Preservation procedures for arsenic speciation in a stream affected by acid mine drainage in southwestern Spain. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1594-1599.	3.7	22
137	Development of a rapid extraction procedure for speciation of arsenic in chicken meat. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1172-1177.	3.7	31
138	Optimisation of a pressurised liquid extraction method for haloanisoles in cork stoppers. <i>Analytica Chimica Acta</i> , 2005, 540, 17-24.	5.4	36
139	Characterization and analysis of amino acids in orange juice by HPLC-MS/MS for authenticity assessment. <i>Analytica Chimica Acta</i> , 2005, 540, 221-230.	5.4	60
140	Arsenic speciation in river and estuarine waters from southwest Spain. <i>Science of the Total Environment</i> , 2005, 345, 207-217.	8.0	79
141	Sample treatment selection for routine mercury speciation in seafood by gas chromatography-atomic fluorescence spectroscopy. <i>Applied Organometallic Chemistry</i> , 2005, 19, 600-604.	3.5	8
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