

P Lopez-Maha

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226
papers

5,524
citations

37
h-index

62
g-index

228
ext. papers

5,998
ext. citations

5.5
avg, IF

5.54
L-index

#	Paper	IF	Citations
226	Emerging pollutants in sewage, surface and drinking water in Galicia (NW Spain). <i>Chemosphere</i> , 2012 , 86, 1040-9	8.4	279
225	Multi-residue analytical method for the determination of emerging pollutants in water by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 2958-69	4.5	192
224	Multiresidue analysis of acidic and polar organic contaminants in water samples by stir-bar sorptive extraction-liquid desorption-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1174, 27-39	4.5	188
223	Multiclass determination of sunscreen chemicals in water samples by liquid chromatography-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2008 , 80, 1307-15	7.8	167
222	Spatial and temporal distribution of dissolved/dispersed aromatic hydrocarbons in seawater in the area affected by the Prestige oil spill. <i>Marine Pollution Bulletin</i> , 2006 , 53, 250-9	6.7	150
221	Slurry sampling for direct analysis of solid materials by electrothermal atomic absorption spectrometry (ETAAS). A literature review from 1990 to 2000. <i>Talanta</i> , 2002 , 56, 1-51	6.2	128
220	In-vivo and in-vitro testing to assess the bioaccessibility and the bioavailability of arsenic, selenium and mercury species in food samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 324-345	14.6	127
219	Microwave-assisted extraction versus Soxhlet extraction in the analysis of 21 organochlorine pesticides in plants. <i>Journal of Chromatography A</i> , 2003 , 1008, 115-22	4.5	104
218	Determination of alkylphenols and bisphenol A in seawater samples by dispersive liquid-liquid microextraction and liquid chromatography tandem mass spectrometry for compliance with environmental quality standards (Directive 2008/105/EC). <i>Journal of Chromatography A</i> , 2012 , 1222, 1-8	4.5	96
217	As, Hg, and Se flue gas sampling in a coal-fired power plant and their fate during coal combustion. <i>Environmental Science & Technology</i> , 2003 , 37, 5262-7	10.3	90
216	Investigating the chlorination of acidic pharmaceuticals and by-product formation aided by an experimental design methodology. <i>Water Research</i> , 2010 , 44, 243-55	12.5	87
215	Tracers and impact of open burning of rice straw residues on PM in Eastern Spain. <i>Atmospheric Environment</i> , 2008 , 42, 1941-1957	5.3	86
214	Strengths and weaknesses of in-tube solid-phase microextraction: A scoping review. <i>Analytica Chimica Acta</i> , 2016 , 906, 41-57	6.6	82
213	Comparison of pressurized liquid extraction and microwave assisted extraction for the determination of organochlorine pesticides in vegetables. <i>Talanta</i> , 2007 , 71, 1345-51	6.2	73
212	Solid-phase microextraction-gas chromatographic-tandem mass spectrometric analysis of polycyclic aromatic hydrocarbons. Towards the European Union water directive 2006/0129 EC. <i>Journal of Chromatography A</i> , 2007 , 1176, 48-56	4.5	70
211	Occurrence, distribution and bioaccumulation of endocrine disrupting compounds in water, sediment and biota samples from a European river basin. <i>Science of the Total Environment</i> , 2015 , 529, 121-30	10.2	69
210	Evaluation of HCH isomers and metabolites in soils, leachates, river water and sediments of a highly contaminated area. <i>Chemosphere</i> , 2006 , 64, 588-95	8.4	57

209	Trends in analytical methodologies for the determination of alkylphenols and bisphenol A in water samples. <i>Analytica Chimica Acta</i> , 2017 , 962, 1-14	6.6	56
208	Kinetics of the hydrolysis of bisphenol A diglycidyl ether (BADGE) in water-based food simulants. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 345, 527-532		55
207	Influence of marine, terrestrial and anthropogenic sources on ionic and metallic composition of rainwater at a suburban site (northwest coast of Spain). <i>Atmospheric Environment</i> , 2014 , 88, 30-38	5.3	53
206	Optimisation of a selective method for the determination of organophosphorous triesters in outdoor particulate samples by pressurised liquid extraction and large-volume injection gas chromatography-positive chemical ionisation-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1283-93	4.4	53
205	Distribution of volatile organic compounds during the combustion process in coal-fired power stations. <i>Atmospheric Environment</i> , 2001 , 35, 5823-5831	5.3	53
204	Coupled high performance liquid chromatography-microwave digestion-hydride generation-atomic absorption spectrometry for inorganic and organic arsenic speciation in fish tissue. <i>Talanta</i> , 2002 , 57, 741-50	6.2	52
203	Assessment of the bioavailability of toxic and non-toxic arsenic species in seafood samples. <i>Food Chemistry</i> , 2012 , 130, 552-560	8.5	51
202	Organochlorine pesticides accumulation and degradation products in vegetation samples of a contaminated area in Galicia (NW Spain). <i>Chemosphere</i> , 2005 , 58, 1571-8	8.4	51
201	Determination of 21 organochlorine pesticides in tree leaves using solid-phase extraction clean-up cartridges. <i>Journal of Chromatography A</i> , 2004 , 1061, 133-9	4.5	50
200	A practical comparison of single and multiple imputation methods to handle complex missing data in air quality datasets. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014 , 134, 23-33	3.8	47
199	Antimony as a Tracer of the Anthropogenic Influence on Soils and Estuarine Sediments. <i>Water, Air, and Soil Pollution</i> , 2001 , 129, 333-348	2.6	46
198	An intercomparison study of analytical methods used for quantification of levoglucosan in ambient aerosol filter samples. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 125-147	4	45
197	Trace metals in marine foodstuff: Bioavailability estimation and effect of major food constituents. <i>Food Chemistry</i> , 2012 , 134, 339-345	8.5	45
196	Blank and sample handling troubleshooting in ultratrace analysis of alkylphenols and bisphenol A by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2012 , 101, 413-9	6.2	43
195	Matrix solid-phase dispersion as a sample pretreatment for the speciation of arsenic in seafood products. <i>Analytical Chemistry</i> , 2008 , 80, 9272-8	7.8	41
194	Development of pressurized liquid extraction and cleanup procedures for determination of organochlorine pesticides in soils. <i>Journal of Chromatography A</i> , 2004 , 1047, 147-55	4.5	41
193	Simultaneous pressurized enzymatic hydrolysis extraction and clean up for arsenic speciation in seafood samples before high performance liquid chromatography-inductively coupled plasma-mass spectrometry determination. <i>Analytica Chimica Acta</i> , 2010 , 679, 63-73	6.6	40
192	Pressurized hot water extraction coupled to solid-phase microextraction-gas chromatography-mass spectrometry for the analysis of polycyclic aromatic hydrocarbons in sediments. <i>Journal of Chromatography A</i> , 2008 , 1196-1197, 65-72	4.5	40

191	Purging behaviors and comorbidity as predictive factors of quality of life in anorexia nervosa. <i>International Journal of Eating Disorders</i> , 2004 , 36, 445-50	6.3	39
190	Influence of several experimental parameters on As and Se leaching from coal fly ash samples. <i>Analytica Chimica Acta</i> , 2005 , 531, 299-305	6.6	39
189	Urban NH ₃ levels and sources in six major Spanish cities. <i>Chemosphere</i> , 2015 , 119, 769-777	8.4	37
188	Application of fast ultrasound water-bath assisted enzymatic hydrolysis--high performance liquid chromatography-inductively coupled plasma-mass spectrometry procedures for arsenic speciation in seafood materials. <i>Journal of Chromatography A</i> , 2011 , 1218, 6970-80	4.5	37
187	Source apportionment of inorganic ions in airborne urban particles from Coruña city (N.W. of Spain) using positive matrix factorization. <i>Talanta</i> , 1999 , 49, 165-78	6.2	36
186	Fast and selective pressurized liquid extraction with simultaneous in cell clean up for the analysis of alkylphenols and bisphenol A in bivalve molluscs. <i>Journal of Chromatography A</i> , 2012 , 1270, 80-7	4.5	34
185	Pressurized liquid extraction of organometals and its feasibility for total metal extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 511-519	14.6	33
184	Recent advances in analytical methods for the determination of 4-alkylphenols and bisphenol A in solid environmental matrices: A critical review. <i>Analytica Chimica Acta</i> , 2018 , 1024, 39-51	6.6	32
183	Simultaneous determination of carbonyl compounds and polycyclic aromatic hydrocarbons in atmospheric particulate matter by liquid chromatography-diode array detection-fluorescence detection. <i>Talanta</i> , 2010 , 80, 2083-92	6.2	32
182	Metals in airborne particulate matter in La Coruña (NW Spain). <i>Science of the Total Environment</i> , 1997 , 196, 131-139	10.2	32
181	Development of a new sample pre-treatment procedure based on pressurized liquid extraction for the determination of metals in edible seaweed. <i>Analytica Chimica Acta</i> , 2007 , 598, 95-102	6.6	32
180	Occurrence of endocrine disrupting compounds in five estuaries of the northwest coast of Spain: Ecological and human health impact. <i>Chemosphere</i> , 2015 , 131, 241-7	8.4	31
179	Cocaine and other illicit drugs in airborne particulates in urban environments: a reflection of social conduct and population size. <i>Environmental Pollution</i> , 2011 , 159, 1241-7	9.3	31
178	Arsenic extraction in marine biological materials using pressurised liquid extraction. <i>Talanta</i> , 2007 , 71, 515-20	6.2	31
177	C1 to C9 volatile organic compound measurements in urban air. <i>Science of the Total Environment</i> , 2004 , 334-335, 167-76	10.2	31
176	Determination of organotin compounds in waters by headspace solid phase microextraction gas chromatography triple quadrupole tandem mass spectrometry under the European Water Framework Directive. <i>Journal of Chromatography A</i> , 2015 , 1385, 85-93	4.5	30
175	Determination of major and trace elements in human scalp hair by pressurized-liquid extraction with acetic acid and inductively coupled plasma-optical-emission spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 441-9	4.4	30
174	On-line analysis of carbonyl compounds with derivatization in aqueous extracts of atmospheric particulate PM ₁₀ by in-tube solid-phase microextraction coupled to capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2011 , 1218, 4834-9	4.5	29

173	Multivariate optimisation of hydride generation procedures for single element determinations of As, Cd, Sb and Se in natural waters by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2001 , 53, 871-883	6.2	29
172	Reliable, rapid and simple method for the analysis of phthalates in sediments by ultrasonic solvent extraction followed by head space-solid phase microextraction gas chromatography mass spectrometry determination. <i>Talanta</i> , 2017 , 162, 648-653	6.2	28
171	In vitro bioavailability of total selenium and selenium species from seafood. <i>Food Chemistry</i> , 2013 , 139, 872-7	8.5	27
170	Improving methodological aspects of the analysis of five regulated haloacetic acids in water samples by solid-phase extraction, ion-pair liquid chromatography and electrospray tandem mass spectrometry. <i>Talanta</i> , 2012 , 94, 90-8	6.2	27
169	Development of a programmed temperature vaporization-gas chromatography-tandem mass spectrometry method for polycyclic aromatic hydrocarbons analysis in biota samples at ultratrace levels. <i>Journal of Chromatography A</i> , 2008 , 1207, 136-45	4.5	27
168	Microwave assisted extraction of polycyclic aromatic hydrocarbons from atmospheric particulate samples. <i>Fresenius Journal of Analytical Chemistry</i> , 2000 , 367, 29-34		27
167	Development of an environmental friendly method for the analysis of organochlorine pesticides in sediments. <i>Chemosphere</i> , 2010 , 79, 698-705	8.4	26
166	Pressurized liquid extraction followed by high performance liquid chromatography coupled to hydride generation atomic fluorescence spectrometry for arsenic and selenium speciation in atmospheric particulate matter. <i>Journal of Chromatography A</i> , 2008 , 1215, 15-20	4.5	26
165	Direct mercury determination in aqueous slurries of environmental and biological samples by cold vapour generation electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2002 , 460, 111-122	6.6	26
164	A new method for the simultaneous determination of PAH and metals in samples of atmospheric particulate matter. <i>Atmospheric Environment</i> , 2003 , 37, 4171-4175	5.3	26
163	Optimization of microwave-assisted extraction of hydrocarbons in marine sediments: comparison with the Soxhlet extraction method. <i>Fresenius Journal of Analytical Chemistry</i> , 2000 , 366, 283-8		26
162	Kinetics of the hydrolysis of bisphenol F diglycidyl ether in water-based food simulants. Comparison with bisphenol A diglycidyl ether. <i>Journal of Agricultural and Food Chemistry</i> , 1992 , 40, 868-872	5.7	26
161	A novel and cost-effective method for the determination of fifteen polycyclic aromatic hydrocarbons in low volume rainwater samples. <i>Talanta</i> , 2016 , 155, 175-84	6.2	26
160	Membrane assisted solvent extraction coupled with liquid chromatography tandem mass spectrometry applied to the analysis of alkylphenols in water samples. <i>Journal of Chromatography A</i> , 2013 , 1281, 46-53	4.5	25
159	Matrix solid-phase dispersion of organic compounds and its feasibility for extracting inorganic and organometallic compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 110-116	14.6	25
158	Identification of RP-HPLC peaks of bisphenol F and of bisphenol F diglycidyl ether and its hydrolysis products by thermospray mass spectrometry and gas chromatography/mass spectrometry. <i>Chromatographia</i> , 1992 , 34, 67-72	2.1	25
157	Arsenic species determination in human scalp hair by pressurized hot water extraction and high performance liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Talanta</i> , 2013 , 105, 422-8	6.2	24
156	A low-cost system to simulate environmental microplastic weathering. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110663	6.7	23

155	Automated on-line in-tube solid-phase microextraction-assisted derivatization coupled to liquid chromatography for quantifying residual dimethylamine in cationic polymers. <i>Journal of Chromatography A</i> , 2008 , 1188, 118-23	4.5	23
154	Tin determination in marine sediment, soil, coal fly ash and coal slurried samples by hydride generation-electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2002 , 461, 261-271	6.6	23
153	Standardization of the minimum information for publication of infrared-related data when microplastics are characterized. <i>Marine Pollution Bulletin</i> , 2020 , 154, 111035	6.7	23
152	Determination of carbonyl compounds in particulate matter PM2.5 by in-tube solid-phase microextraction coupled to capillary liquid chromatography/mass spectrometry. <i>Talanta</i> , 2013 , 115, 876-80	6.3	22
151	Development of an analytical method based on microwave-assisted extraction and solid phase extraction cleanup for the determination of organochlorine pesticides in animal feed. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 745-52	4.4	22
150	Pressurized liquid extraction as a novel sample pre-treatment for trace element leaching from biological material. <i>Analytica Chimica Acta</i> , 2006 , 572, 172-9	6.6	22
149	Measurement of Volatile Organic Compounds in Urban Air of La Coruña, Spain. <i>Water, Air, and Soil Pollution</i> , 2001 , 129, 267-288	2.6	22
148	Overall migration and specific migration of bisphenol A diglycidyl ether monomer and m-xylylenediamine hardener from an optimized epoxy-amine formulation into water-based food simulants. <i>Food Additives and Contaminants</i> , 1993 , 10, 555-65		22
147	RP-HPLC--TSP--MS of Epoxy Resins Bisphenol A Diglycidyl Ether Type. <i>Journal of Chromatographic Science</i> , 1992 , 30, 11-16	1.4	22
146	Determination of polycyclic aromatic hydrocarbons (PAHs) in a complex mixture by second-derivative constant-energy synchronous spectrofluorimetry. <i>Talanta</i> , 2000 , 51, 677-84	6.2	21
145	Impact of weathering on the chemical identification of microplastics from usual packaging polymers in the marine environment. <i>Analytica Chimica Acta</i> , 2021 , 1142, 179-188	6.6	21
144	Evergreen or deciduous trees for capturing PAHs from ambient air? A case study. <i>Environmental Pollution</i> , 2017 , 221, 276-284	9.3	20
143	Analysis of endocrine disruptor compounds in marine sediments by in cell clean up-pressurized liquid extraction-liquid chromatography tandem mass spectrometry determination. <i>Analytica Chimica Acta</i> , 2014 , 852, 112-20	6.6	20
142	Microwave extraction of organochlorine pesticides from soils. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 375, 1225-8	4.4	20
141	Bismuth determination in environmental samples by hydride generation-electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2003 , 61, 633-42	6.2	20
140	First assessment of dioxin emissions from coal-fired power stations in Spain. <i>Chemosphere</i> , 2004 , 57, 67-71	8.4	20
139	Resolution of benzo[a]pyrene in complex mixtures of other polycyclic aromatic hydrocarbons. Comparison of two spectrofluorimetric methods applied to water samples. <i>Analyst, The</i> , 2000 , 125, 1321-6	5.6	20
138	Active Biomonitoring of Heavy Metals and PAHs with Mosses and Lichens: a Case Study in the Cities of Naples and London. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	19

137	Fast and sensitive determination of per- and polyfluoroalkyl substances in seawater. <i>Journal of Chromatography A</i> , 2018 , 1555, 62-73	4.5	19
136	Investigation of the source composition and temporal distribution of volatile organic compounds (VOCs) in a suburban area of the northwest of Spain using chemometric methods. <i>Atmospheric Environment</i> , 2010 , 44, 5122-5132	5.3	19
135	Hydride generation atomic fluorescence spectrometric determination of As, Bi, Sb, Se(IV) and Te(IV) in aqua regia extracts from atmospheric particulate matter using multivariate optimization. <i>Analytica Chimica Acta</i> , 2004 , 526, 185-192	6.6	19
134	Direct As, Bi, Ge, Hg and Se(IV) cold vapor/hydride generation from coal fly ash slurry samples and determination by electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002 , 57, 883-895	3.1	19
133	Direct analysis of inorganic anions in samples with high salt content by capillary zone electrophoresis. <i>Journal of Chromatographic Science</i> , 2001 , 39, 397-401	1.4	19
132	Development of an analytical scheme for the direct determination of antimony in geological materials by automated ultrasonic slurry sampling-ETAAS. <i>Journal of Analytical Atomic Spectrometry</i> , 1999 , 14, 703-710	3.7	19
131	Sphagnum palustre clone vs native Pseudoscleropodium purum: A first trial in the field to validate the future of the moss bag technique. <i>Environmental Pollution</i> , 2017 , 225, 323-328	9.3	18
130	Gaseous and speciated particulate emissions from the open burning of wastes from tree pruning. <i>Atmospheric Research</i> , 2019 , 226, 110-121	5.4	18
129	Ion-pair in-tube solid-phase microextraction and capillary liquid chromatography using a titania-based column: application to the specific lauralkonium chloride determination in water. <i>Journal of Chromatography A</i> , 2012 , 1248, 55-9	4.5	18
128	Determination of As, Bi and Se in acidified slurries of marine sediment, soil and coal samples by hydride generation electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2002 , 17, 721-726	3.7	18
127	Occurrence of alkylphenols and bisphenol A in wild mussel samples from the Spanish Atlantic coast and Bay of Biscay. <i>Marine Pollution Bulletin</i> , 2016 , 106, 360-5	6.7	18
126	Intercomparisons of Mobility Size Spectrometers and Condensation Particle Counters in the Frame of the Spanish Atmospheric Observational Aerosol Network. <i>Aerosol Science and Technology</i> , 2015 , 49, 777-785	3.4	17
125	Pressurized hot water extraction followed by miniaturized membrane assisted solvent extraction for the green analysis of alkylphenols in sediments. <i>Journal of Chromatography A</i> , 2015 , 1383, 8-17	4.5	17
124	In-tube solid-phase microextraction and liquid chromatography using a monolithic column for the selective determination of residual ethylenediamine in industrial cationic polymers. <i>Analytical Chemistry</i> , 2009 , 81, 5827-32	7.8	17
123	Analytical methodology for the determination of organochlorine pesticides in vegetation. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 1291-310	1.7	17
122	Troubleshooting in the trace analysis of organochlorine pesticides in water samples. <i>Chromatographia</i> , 2001 , 54, 501-506	2.1	17
121	Capillary zone electrophoresis for the determination of light-absorbing anions in environmental samples. <i>Journal of Chromatography A</i> , 2001 , 918, 411-21	4.5	17
120	Matrix solid phase dispersion method for determination of polycyclic aromatic hydrocarbons in moss. <i>Journal of Chromatography A</i> , 2015 , 1406, 19-26	4.5	16

119	Capillary electrophoretic method for the determination of inorganic and organic anions in real samples. Strategies for improving repeatability and reproducibility. <i>Journal of Chromatography A</i> , 2007 , 1144, 275-8	4.5	16
118	Problems in the Extraction of Polycyclic Aromatic Hydrocarbons from Diesel Particulate Matter. <i>Polycyclic Aromatic Compounds</i> , 2002 , 22, 129-146	1.3	16
117	A comparative study of extractant and chromatographic phases for the rapid and sensitive determination of six phthalates in rainwater samples. <i>Chemosphere</i> , 2017 , 175, 52-65	8.4	15
116	Selenium species determination in foods harvested in Seleniferous soils by HPLC-ICP-MS after enzymatic hydrolysis assisted by pressurization and microwave energy. <i>Food Research International</i> , 2018 , 111, 621-630	7	15
115	A multivariate study of the programmed temperature vaporization injection-gas chromatographic-mass spectrometric determination of polycyclic aromatic hydrocarbons Application to marine sediments analysis. <i>Talanta</i> , 2008 , 74, 1096-103	6.2	15
114	Characterization of a long range transport pollution episode affecting PM in SW Spain. <i>Journal of Environmental Monitoring</i> , 2008 , 10, 1158-71		15
113	As, Bi, Sb and Sn determination in atmospheric particulate matter by direct solid sampling-hydride generation-electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2007 , 71, 1834-41	6.2	15
112	Determination of organochlorine pesticides in horticultural samples by microwave assisted extraction followed by GC-ECD. <i>International Journal of Environmental Analytical Chemistry</i> , 2005 , 85, 325-333	1.8	15
111	Application of programmed-temperature split/splitless injection to the trace analysis of aliphatic hydrocarbons by gas chromatography. <i>Journal of Chromatography A</i> , 2001 , 919, 363-71	4.5	15
110	Interaction between metallic species and biological substrates: approximation to possible interaction mechanisms between the alga <i>Chlorella vulgaris</i> and arsenic(III). <i>TrAC - Trends in Analytical Chemistry</i> , 2000 , 19, 475-480	14.6	15
109	Comparative study of atmospheric water-soluble organic aerosols composition in contrasting suburban environments in the Iberian Peninsula Coast. <i>Science of the Total Environment</i> , 2019 , 648, 430-441	10.2	14
108	Ion-pair in-tube solid phase microextraction for the simultaneous determination of phthalates and their degradation products in atmospheric particulate matter. <i>Journal of Chromatography A</i> , 2017 , 1520, 35-47	4.5	14
107	Determination of organic anions in atmospheric aerosol samples by capillary electrophoresis after reversed pre-electrophoresis. <i>Electrophoresis</i> , 2008 , 29, 1347-54	3.6	14
106	Assessment of methodologies for airborne BaP analysis. <i>Science of the Total Environment</i> , 2004 , 334-335, 377-84	10.2	14
105	PAH detection in <i>Quercus robur</i> leaves and <i>Pinus pinaster</i> needles: A fast method for biomonitoring purpose. <i>Talanta</i> , 2016 , 153, 130-7	6.2	14
104	Temporal and spatial variability of atmospheric particle number size distributions across Spain. <i>Atmospheric Environment</i> , 2018 , 190, 146-160	5.3	14
103	Occurrence of selected endocrine disrupting compounds in Iberian coastal areas and assessment of the environmental risk. <i>Environmental Pollution</i> , 2019 , 249, 767-775	9.3	13
102	Temporal distribution, behaviour and reactivities of BTEX compounds in a suburban Atlantic area during a year. <i>Journal of Environmental Monitoring</i> , 2009 , 11, 1216-25		13

101	A review of the main factors influencing the FT-IR-PLS abilities exemplified with petrochemical qualimetric applications. <i>Talanta</i> , 1997 , 44, 2167-84	6.2	13
100	Feasibility of pressurization to speed up enzymatic hydrolysis of biological materials for multielement determinations. <i>Analytical Chemistry</i> , 2007 , 79, 1797-805	7.8	13
99	Indirect photometric detection of anions in nonaqueous capillary electrophoresis employing Orange G as probe and a light-emitting diode-based detector. <i>Electrophoresis</i> , 2008 , 29, 3032-7	3.6	13
98	The occurrence and distribution of polycyclic aromatic hydrocarbons, bisphenol A and organophosphate flame retardants in indoor dust and soils from public open spaces: Implications for human exposure. <i>Environmental Pollution</i> , 2020 , 266, 115372	9.3	13
97	A study of large-volume on-column injection GC-ECD for the ultratrace analysis of organochlorine pesticides in water. <i>Talanta</i> , 2009 , 78, 764-71	6.2	12
96	As, Cd, Cr, Ni and Pb pressurized liquid extraction with acetic acid from marine sediment and soil samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006 , 61, 1304-1309	3.1	12
95	An empirical approach to update multivariate regression models intended for routine industrial use. <i>Fuel</i> , 2000 , 79, 1823-1832	7.1	12
94	Steady state fluorescence studies of the complexes between pyrene and per-6-O-tert-butyl dimethylsilyl β and γ cyclodextrins. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996 , 955-959		12
93	Inhalation bioaccessibility estimation of polycyclic aromatic hydrocarbons from atmospheric particulate matter (PM): Influence of PM composition and health risk assessment. <i>Chemosphere</i> , 2021 , 263, 127847	8.4	12
92	A simple method for simultaneous determination of nine triazines in drinking water. <i>Green Chemistry Letters and Reviews</i> , 2014 , 7, 271-277	4.7	11
91	Use of pressurized hot water extraction and high performance liquid chromatography-inductively coupled plasma-mass spectrometry for water soluble halides speciation in atmospheric particulate matter. <i>Talanta</i> , 2012 , 101, 283-91	6.2	11
90	ICP-MS for the determination of selenium bioavailability from seafood and effect of major food constituents. <i>Microchemical Journal</i> , 2013 , 108, 174-179	4.8	11
89	Costs, laboratory safety, productivity and faster research octane number and motor octane number determinations in industrial chemistry laboratories. <i>Analyst, The</i> , 1995 , 120, 249-253	5	11
88	Modeling of inner filter effect in synchronous spectrofluorimetry by using partial least squares. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000 , 28, 148-154		11
87	Use of multivariate techniques in quality control of kerosene production. <i>Fuel</i> , 1997 , 76, 51-59	7.1	10
86	Microwave-assisted extraction and ultrasonic slurry sampling procedures for cobalt determination in geological samples by electrothermal atomic absorption spectroscopy. <i>Talanta</i> , 2004 , 63, 735-42	6.2	10
85	Troubleshooting with cell blanks in PLE extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 383, 174-81	4.4	10
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83	FLAME ATOMIC ABSORPTION SPECTROMETRY WITH FLOW-INJECTION ON-LINE ADSORPTION PRECONCENTRATION USING A KNOTTED REACTOR FOR CADMIUM DETERMINATION IN AQUEOUS SAMPLES. <i>Analytical Letters</i> , 2001 , 34, 1763-1779	2.2	10
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