

Encarnacion Moyano

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.

115
papers

3,531
citations

37
h-index

54
g-index

116
ext. papers

3,886
ext. citations

4.7
avg, IF

5.39
L-index

#	Paper	IF	Citations
115	Ultra-high-performance liquid chromatography-atmospheric pressure ionization-tandem mass spectrometry method for the migration studies of primary aromatic amines from food contact materials.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 414, 3137	4.4	0
114	Paper spray-atmospheric pressure photoionization-high resolution mass spectrometry for the direct analysis of neutral fluorinated compounds in waterproof impregnation sprays.. <i>Analytica Chimica Acta</i> , 2022 , 1204, 339720	6.6	0
113	Analysis of Dechlorane Plus and related compounds in gull eggs by GC-HRMS using a novel atmospheric pressure photoionization source. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 3421-3431	4.4	1
112	Liquid Chromatography Pigment Profile for Characterization and Fraud Detection in Olive Oils 2021 , 21-41		
111	Determination of banned dyes in red spices by ultra-high-performance liquid chromatography-atmospheric pressure ionization-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2021 , 1164, 338519	6.6	1
110	Recent advances in analytical methodologies based on mass spectrometry for the environmental analysis of halogenated organic contaminants. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 30, e00122	12	5
109	Atmospheric pressure ionization for gas chromatography-high resolution mass spectrometry determination of polychlorinated naphthalenes in marine sediments. <i>Chemosphere</i> , 2021 , 263, 127963	8.4	5
108	Determination of capsaicinoids and carotenoids for the characterization and geographical origin authentication of paprika by UHPLC-APCI-MS/MS. <i>LWT - Food Science and Technology</i> , 2021 , 139, 110533	5.4	7
107	Aerosol Toxins Emitted by Harmful Algal Blooms Susceptible to Complex Air-Sea Interactions. <i>Environmental Science & Technology</i> , 2021 , 55, 468-477	10.3	8
106	Ionic Liquid Stationary Phase for Improving Comprehensive Two-dimensional Gas Chromatographic Separation of Polychlorinated Naphthalenes. <i>Journal of Chromatography A</i> , 2021 , 1635, 461732	4.5	0
105	Ambient ionization mass spectrometry in food analysis 2021 , 271-312		3
104	Chloride-attachment atmospheric pressure photoionisation for the determination of short-chain chlorinated paraffins by gas chromatography-high-resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2021 , 1172, 338673	6.6	2
103	Pigment profiles of Spanish extra virgin olive oils by ultra-high-performance liquid chromatography coupled to high-resolution mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020 , 37, 1075-1086	3.2	1
102	Feasibility of gas chromatography-atmospheric pressure photoionization-high-resolution mass spectrometry for the analysis of polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in environmental and feed samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3703-3716	4.4	3
101	Gas chromatography and liquid chromatography coupled to mass spectrometry for the determination of fluorotelomer olefins, fluorotelomer alcohols, perfluoroalkyl sulfonamides and sulfonamido-ethanols in water. <i>Journal of Chromatography A</i> , 2020 , 1609, 460463	4.5	6
100	A novel methodology for the determination of neutral perfluoroalkyl and polyfluoroalkyl substances in water by gas chromatography-atmospheric pressure photoionisation-high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2020 , 1100, 97-106	6.6	11
99	Determination of benzophenone and related compounds in plastic packaged baby food by ultra-high-performance liquid chromatography coupled to tandem mass spectrometry. <i>Analytical Methods</i> , 2020 , 12, 358-367	3.2	6

98	Analysis of hydroxylated phenylalkylamine stimulants in urine by GC-APPI-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 7837-7850	4.4	1
97	Simultaneous analysis of natural pigments and E-141i in olive oils by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 5577-5591	4.4	6
96	Native Colombian Fruits and Their by-Products: Phenolic Profile, Antioxidant Activity and Hypoglycaemic Potential. <i>Foods</i> , 2019 , 8,	4.9	15
95	Formation of new disinfection by-products of priority substances (Directive 2013/39/UE and Watch List) in drinking water treatment. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 28270-28283	5.1	7
94	Trace analysis of polystyrene microplastics in natural waters. <i>Chemosphere</i> , 2019 , 236, 124321	8.4	55
93	Fragmentation studies of neutral per- and polyfluoroalkyl substances by atmospheric pressure ionization-multiple-stage mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7357-7373	4.4	2
92	Modified distribution in the polyphenolic profile of rosemary leaves induced by plant inoculation with an arbuscular mycorrhizal fungus. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 2966-2973	4.3	4
91	Desorption electrospray ionization-high resolution mass spectrometry for the analysis of unknown materials: The phytosanitary product case. <i>Talanta</i> , 2019 , 194, 350-356	6.2	1
90	Toxic effects of bisphenol A diglycidyl ether and derivatives in human placental cells. <i>Environmental Pollution</i> , 2019 , 244, 513-521	9.3	29
89	Analytical Methods for the Determination of Plasticizers in Food and Beverages. <i>Current Analytical Chemistry</i> , 2018 , 14, 306-324	1.7	2
88	Negative-ion atmospheric pressure ionisation of semi-volatile fluorinated compounds for ultra-high-performance liquid chromatography tandem mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4913-4924	4.4	9
87	Metabolomic analysis of the effects of cadmium and copper treatment in <i>Oryza sativa</i> L. using untargeted liquid chromatography coupled to high resolution mass spectrometry and all-ion fragmentation. <i>Metallomics</i> , 2017 , 9, 660-675	4.5	29
86	Direct Analysis of Pesticides by Stand-Alone Mass Spectrometry 2017 , 265-313		2
85	Ion-molecule adduct formation in tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 1269-77	4.4	18
84	Liquid chromatography coupled to tandem and high resolution mass spectrometry for the characterisation of ofloxacin transformation products after titanium dioxide photocatalysis. <i>Journal of Chromatography A</i> , 2016 , 1443, 201-10	4.5	8
83	Ambient Ionisation High-Resolution Mass Spectrometry: Environmental, Food, Forensic and Doping analysis. <i>Comprehensive Analytical Chemistry</i> , 2016 , 71, 51-88	1.9	1
82	Wide-range screening of psychoactive substances by FIA-HRMS: identification strategies. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4567-80	4.4	9
81	Gas chromatography-tandem mass spectrometry with atmospheric pressure chemical ionization for fluorotelomer alcohols and perfluorinated sulfonamides determination. <i>Journal of Chromatography A</i> , 2015 , 1413, 107-16	4.5	25

80	Desorption electrospray ionization-high resolution mass spectrometry for the screening of veterinary drugs in cross-contaminated feedstuffs. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 7369-78	4.4	13
79	Simultaneous analysis of kasugamycin and streptomycin in vegetables by liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 3600-3607	3.2	9
78	Mixed-mode liquid chromatography coupled to tandem mass spectrometry for the analysis of aminoglycosides in meat. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4941-53	4.4	17
77	Survey of the occurrence of pharmaceuticals in Spanish finished drinking waters. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 10917-39	5.1	20
76	Ultra-high performance liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry for the analysis of benzimidazole compounds in milk samples. <i>Journal of Chromatography A</i> , 2013 , 1313, 119-31	4.5	27
75	Determination of naphthalene-derived compounds in apples by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 782, 28-36	6.6	31
74	Direct analysis in real time high-resolution mass spectrometry for high-throughput analysis of antiparasitic veterinary drugs in feed and food. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 467-75	2.2	32
73	Field amplified sample injection-capillary zone electrophoresis for the analysis of amprolium in eggs. <i>Electrophoresis</i> , 2013 , 34, 870-6	3.6	23
72	Atmospheric pressure ionization-tandem mass spectrometry of the phenicol drug family. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 1241-51	2.2	5
71	Atmospheric pressure photoionization mass spectrometry of fullerenes. <i>Analytical Chemistry</i> , 2012 , 84, 5316-26	7.8	34
70	Strategies for the multi-residue analysis of 100 pesticides by liquid chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1249, 164-80	4.5	45
69	Ultra-high performance liquid chromatography-tandem mass spectrometry for the analysis of phenicol drugs and florfenicol-amine in foods. <i>Analyst, The</i> , 2012 , 137, 2486-94	5	37
68	Analysis of perfluorinated phosphonic acids and perfluorooctane sulfonic acid in water, sludge and sediment by LC-MS/MS. <i>Talanta</i> , 2011 , 86, 329-36	6.2	51
67	Accelerated bimolecular reactions in microdroplets studied by desorption electrospray ionization mass spectrometry. <i>Chemical Science</i> , 2011 , 2, 501-510	9.4	215
66	Accurate mass measurements and ultrahigh-resolution: evaluation of different mass spectrometers for daily routine analysis of small molecules in negative electrospray ionization mode. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 3595-606	4.4	23
65	Hydrophilic interaction liquid chromatography/tandem mass spectrometry for the analysis of diallyldimethylammonium chloride in water. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 379-86 ^{2,2}		3
64	Preventing false negatives with high-resolution mass spectrometry: the benzophenone case. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 3161-6	2.2	30
63	Analysis of UV ink photoinitiators in packaged food by fast liquid chromatography at sub-ambient temperature coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 459-66	4.5	59

62	Fast liquid chromatography-tandem mass spectrometry for the analysis of bisphenol A-diglycidyl ether, bisphenol F-diglycidyl ether and their derivatives in canned food and beverages. <i>Journal of Chromatography A</i> , 2011 , 1218, 1603-10	4.5	79
61	Analysis of bisphenols in soft drinks by on-line solid phase extraction fast liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2011 , 683, 227-33	6.6	168
60	Fast liquid chromatography/tandem mass spectrometry (highly selective selected reaction monitoring) for the determination of toltrazuril and its metabolites in food. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2893-901	4.4	29
59	Field-amplified sample injection-micellar electrokinetic capillary chromatography for the analysis of bisphenol A, bisphenol F, and their diglycidyl ethers and derivatives in canned soft drinks. <i>Electrophoresis</i> , 2010 , 31, 1550-9	3.6	36
58	Recent advances in mass spectrometry analysis of phenolic endocrine disruptors and related compounds. <i>Mass Spectrometry Reviews</i> , 2010 , 29, 776-805	11	41
57	On-line solid phase extraction fast liquid chromatography-tandem mass spectrometry for the analysis of bisphenol A and its chlorinated derivatives in water samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 3511-8	4.5	67
56	Analysis of amprolium by hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 5802-7	4.5	25
55	Multiple-stage mass spectrometry analysis of bisphenol A diglycidyl ether, bisphenol F diglycidyl ether and their derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 3469-77	2.2	24
54	Fast liquid chromatography/multiple-stage mass spectrometry of coccidiostats. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 1255-63	2.2	26
53	Analysis of chlormequat and mepiquat by hydrophilic interaction chromatography coupled to tandem mass spectrometry in food samples. <i>Journal of Chromatography A</i> , 2009 , 1216, 4402-6	4.5	52
52	Presence of heterocyclic aromatic amines (HAS) in smoked "Provola" cheese from Calabria (Italy). <i>Food and Chemical Toxicology</i> , 2009 , 47, 321-7	4.7	20
51	Liquid chromatography coupled to tandem mass spectrometry for the analysis of acrylamide in typical Spanish products. <i>Talanta</i> , 2008 , 76, 389-94	6.2	38
50	Liquid chromatography multi-stage mass spectrometry for the analysis of 5-hydroxymethylfurfural in foods. <i>Journal of Chromatography A</i> , 2008 , 1185, 102-8	4.5	52
49	Liquid chromatography/tandem mass spectrometry (highly selective selected reaction monitoring) for the analysis of isopropylthioxanthone in packaged food. <i>Journal of Chromatography A</i> , 2008 , 1208, 182-8	4.5	34
48	CEC separation of heterocyclic amines using methacrylate monolithic columns. <i>Electrophoresis</i> , 2007 , 28, 1704-13	3.6	10
47	Field amplified sample injection-capillary electrophoresis-tandem mass spectrometry for the analysis of acrylamide in foodstuffs. <i>Journal of Chromatography A</i> , 2007 , 1159, 225-32	4.5	27
46	Liquid chromatography/multi-stage mass spectrometry of bisphenol A and its halogenated derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 4039-48	2.2	55
45	Analysis of benzalkonium chloride by capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2006 , 27, 2225-32	3.6	11

44	Determination of acrylamide in foodstuffs by liquid chromatography ion-trap tandem mass-spectrometry using an improved clean-up procedure. <i>Analytica Chimica Acta</i> , 2006 , 559, 207-214	6.6	38
43	Ultra-performance liquid chromatography-tandem mass spectrometry for the analysis of heterocyclic amines in food. <i>Journal of Chromatography A</i> , 2006 , 1125, 195-203	4.5	65
42	LCMS/MS analysis of organic toxics in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 683-703	14.6	73
41	Evaluation of different liquid chromatography-electrospray mass spectrometry systems for the analysis of heterocyclic amines. <i>Journal of Chromatography A</i> , 2004 , 1023, 67-78	4.5	43
40	State-of-the-art of the hyphenation of capillary electrochromatography with mass spectrometry. <i>Electrophoresis</i> , 2004 , 25, 1927-48	3.6	63
39	High mass accuracy in-source collision-induced dissociation tandem mass spectrometry and multi-step mass spectrometry as complementary tools for fragmentation studies of quaternary ammonium herbicides. <i>Journal of Mass Spectrometry</i> , 2004 , 39, 873-83	2.2	23
38	Evaluation of reversed-phase columns for the analysis of heterocyclic aromatic amines by liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 802, 45-59	3.2	27
37	Formation and stability of heterocyclic amines in a meat flavour model system. Effect of temperature, time and precursors. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 802, 11-7	3.2	62
36	Optimization of a clean-up procedure for the determination of heterocyclic aromatic amines in urine by field-amplified sample injection-capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1032, 193-201	4.5	43
35	Determination of heterocyclic amines by liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1054, 409-418	4.5	32
34	Time-of-flight high resolution versus triple quadrupole tandem mass spectrometry for the analysis of quaternary ammonium herbicides in drinking water. <i>Analytica Chimica Acta</i> , 2004 , 525, 183-190	6.6	30
33	Determination of quaternary ammonium biocides by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1058, 89-95	4.5	26
32	Determination of heterocyclic aromatic amines by capillary electrophoresis coupled to mass spectrometry using in-line preconcentration. <i>Electrophoresis</i> , 2003 , 24, 3075-82	3.6	44
31	Solid-phase microextraction liquid chromatography/tandem mass spectrometry for the analysis of chlorophenols in environmental samples. <i>Rapid Communications in Mass Spectrometry</i> , 2003 , 17, 39-48	2.2	13
30	Multistep mass spectrometry of heterocyclic amines in a quadrupole ion trap mass analyser. <i>Journal of Mass Spectrometry</i> , 2002 , 37, 812-28	2.2	33
29	Ion-trap tandem mass spectrometry for the determination of heterocyclic amines in food. <i>Journal of Chromatography A</i> , 2002 , 948, 267-81	4.5	58
28	Solid-phase extraction and sample stacking-capillary electrophoresis for the determination of quaternary ammonium herbicides in drinking water. <i>Journal of Chromatography A</i> , 2002 , 946, 275-82	4.5	61
27	Analysis of the herbicides paraquat, diquat and difenzoquat in drinking water by micellar electrokinetic chromatography using sweeping and cation selective exhaustive injection. <i>Journal of Chromatography A</i> , 2002 , 961, 65-75	4.5	82

26	Capillary electrophoresis-mass spectrometry for the analysis of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 2002 , 974, 243-55	4.5	63
25	Ion-trap versus quadrupole for analysis of quaternary ammonium herbicides by LC-MS. <i>Chromatographia</i> , 2001 , 53, 273-278	2.1	20
24	Determination of quaternary ammonium pesticides by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001 , 914, 111-21	4.5	91
23	Sample stacking with matrix removal for the determination of paraquat, diquat and difenzoquat in water by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001 , 912, 353-61	4.5	54
22	Pressure-assisted capillary electrophoresis-electrospray ion trap mass spectrometry for the analysis of heparin depolymerised disaccharides. <i>Journal of Chromatography A</i> , 2001 , 914, 277-91	4.5	62
21	Determination of Chlormequat in Fruit Samples by Liquid Chromatography-Electrospray-Mass Spectrometry/Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2001 , 84, 1903-1908	1.7	23
20	Comparison of different commercial solid-phase extraction cartridges used to extract heterocyclic amines from a lyophilised meat extract. <i>Journal of Chromatography A</i> , 2000 , 880, 101-12	4.5	27
19	Determination of ebrotidine and its metabolites by capillary electrophoresis with UV and mass spectrometry detection. <i>Journal of Chromatography A</i> , 2000 , 888, 281-92	4.5	11
18	Capillary electrophoresis-electrospray ion-trap mass spectrometry for the separation of chlorophenols. <i>Journal of Chromatography A</i> , 2000 , 896, 125-33	4.5	35
17	On-line ion-pair solid-phase extraction-liquid chromatography-mass spectrometry for the analysis of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 2000 , 869, 441-9	4.5	51
16	Determination of heterocyclic aromatic amines in meat extracts by liquid chromatography-ion-trap atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 869, 307-17	4.5	38
15	Ion-pair liquid chromatography--atmospheric pressure ionization mass spectrometry for the determination of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 1999 , 830, 145-54	4.5	71
14	Liquid chromatography-atmospheric pressure chemical ionization mass spectrometry for chlorinated phenolic compounds. <i>Journal of Chromatography A</i> , 1998 , 823, 241-248	4.5	36
13	Liquid chromatography-atmospheric-pressure chemical ionization mass spectrometry as a routine method for the analysis of mutagenic amines in beef extracts. <i>Journal of Chromatography A</i> , 1997 , 778, 207-18	4.5	46
12	Supercritical fluid chromatography-atmospheric pressure chemical ionisation mass spectrometry for the analysis of hydroxy polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1997 , 777, 167-176	4.5	16
11	Liquid chromatography-electrospray mass spectrometry with in-source fragmentation for the identification and quantification of fourteen mutagenic amines in beef extracts. <i>Journal of Chromatography A</i> , 1997 , 775, 125-36	4.5	31
10	Liquid chromatography-atmospheric pressure ionization mass spectrometry for the determination of chloro- and nitrophenolic compounds in tap water and sea water. <i>Journal of Chromatography A</i> , 1997 , 787, 79-89	4.5	53
9	Determination of heterocyclic amines by pneumatically assisted electrospray liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1996 , 730, 185-94	4.5	41

8	Determination of Quaternary Ammonium Herbicides by Capillary Electrophoresis/Mass Spectrometry 1996 , 10, 1379-1385		48
7	Determination of hydroxy polycyclic aromatic hydrocarbons by liquid chromatography-mass spectrometry Comparison of atmospheric pressure chemical ionization and electrospray. <i>Journal of Chromatography A</i> , 1996 , 731, 75-84	4.5	37
6	Pentafluorobenzyl derivatives for the gas chromatographic determination of hydroxy-polycyclic aromatic hydrocarbons in urban aerosols. <i>Journal of Chromatography A</i> , 1995 , 710, 139-147	4.5	22
5	Determination of hydroxy-substituted polycyclic aromatic hydrocarbons by high-performance liquid chromatography with electrochemical detection. <i>Journal of Chromatography A</i> , 1995 , 715, 41-48	4.5	15
4	Determination of acridine derived compounds in charcoal-grilled meat and creosote oils by liquid chromatographic and gas chromatographic analysis. <i>Analytica Chimica Acta</i> , 1994 , 295, 307-313	6.6	15
3	High-performance liquid chromatography-mass spectrometry (pneumatically assisted electrospray) of hydroxy polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1994 , 683, 9-19	4.5	22
2	Determination of oxygenated and nitro-substituted polycyclic aromatic hydrocarbons by HPLC and electrochemical detection. <i>Talanta</i> , 1993 , 40, 615-21	6.2	28
1	Effect of solvent on the determination of oxo- and nitro-polycyclic aromatic hydrocarbons using capillary gas chromatography with splitless injection. <i>Journal of Chromatography A</i> , 1992 , 607, 287-294	4.5	9