

# Encarnacion Moyano

## List of Publications by Year in descending order

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116  
papers

4,254  
citations

81900

39  
h-index

138484

58  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3942  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 3137-3151.	3.7	5
2	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.	5.4	4
3	Atmospheric pressure ionization for gas chromatography-high resolution mass spectrometry determination of polychlorinated naphthalenes in marine sediments. <i>Chemosphere</i> , 2021, 263, 127963.	8.2	12
4	Determination of capsaicinoids and carotenoids for the characterization and geographical origin authentication of paprika by UHPLC-APCI-HRMS. <i>LWT - Food Science and Technology</i> , 2021, 139, 110533.	5.2	12
5	Aerosol Toxins Emitted by Harmful Algal Blooms Susceptible to Complex Air-Sea Interactions. <i>Environmental Science &amp; Technology</i> , 2021, 55, 468-477.	10.0	22
6	Ionic Liquid Stationary Phase for Improving Comprehensive Two-dimensional Gas Chromatographic Separation of Polychlorinated Naphthalenes. <i>Journal of Chromatography A</i> , 2021, 1635, 461732.	3.7	3
7	Ambient ionization mass spectrometry in food analysis. , 2021, , 271-312.		6
8	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.	3.7	5
9	Liquid Chromatography Pigment Profile for Characterization and Fraud Detection in Olive Oils. , 2021, , 21-41.		0
10	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.	5.4	11
11	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.	10.3	18
12	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.	5.4	3
13	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.	3.7	13
14	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.	5.4	23
15	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.	2.7	12
16	Analysis of hydroxylated phenylalkylamine stimulants in urine by GC-APPI-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7837-7850.	3.7	4
17	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.	2.3	4
18	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.	3.7	7

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19	Formation of new disinfection by-products of priority substances (Directive 2013/39/UE and Watch) Tj ETQq1 1 0.784314 rgBT /Over	5.3	13
20	Trace analysis of polystyrene microplastics in natural waters. Chemosphere, 2019, 236, 124321.	8.2	91
21	Fragmentation studies of neutral per- and polyfluoroalkyl substances by atmospheric pressure ionization-multiple-stage mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 7357-7373.	3.7	2
22	Simultaneous analysis of natural pigments and E-141i in olive oils by liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 5577-5591.	3.7	9
23	Native Colombian Fruits and Their by-Products: Phenolic Profile, Antioxidant Activity and Hypoglycaemic Potential. Foods, 2019, 8, 89.	4.3	27
24	Modified distribution in the polyphenolic profile of rosemary leaves induced by plant inoculation with an arbuscular mycorrhizal fungus. Journal of the Science of Food and Agriculture, 2019, 99, 2966-2973.	3.5	10
25	Desorption electrospray ionization-high resolution mass spectrometry for the analysis of unknown materials: The phytosanitary product case. Talanta, 2019, 194, 350-356.	5.5	3
26	Toxic effects of bisphenol A diglycidyl ether and derivatives in human placental cells. Environmental Pollution, 2019, 244, 513-521.	7.5	47
27	Negative-ion atmospheric pressure ionisation of semi-volatile fluorinated compounds for ultra-high-performance liquid chromatography tandem mass spectrometry analysis. Analytical and Bioanalytical Chemistry, 2018, 410, 4913-4924.	3.7	20
28	V Reunión Nacional de Dioxinas, Furanos y Compuestos Orgánicos Persistentes Relacionados & VIII Reunión de la Sociedad Española de Espectrometría de Masas. Science of the Total Environment, 2018, 640-641, 41.	8.0	0
29	Analytical Methods for the Determination of Plasticizers in Food and Beverages. Current Analytical Chemistry, 2018, 14, 306-324.	1.2	8
30	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. Metallomics, 2017, 9, 660-675.	2.4	43
31	Direct Analysis of Pesticides by Stand-Alone Mass Spectrometry. , 2017, , 265-313.		2
32	Liquid chromatography coupled to tandem and high resolution mass spectrometry for the characterisation of ofloxacin transformation products after titanium dioxide photocatalysis. Journal of Chromatography A, 2016, 1443, 201-210.	3.7	11
33	Ambient Ionisation-High-Resolution Mass Spectrometry. Comprehensive Analytical Chemistry, 2016, 71, 51-88.	1.3	2
34	Ion-molecule adduct formation in tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 1269-1277.	3.7	22
35	Simultaneous analysis of kasugamycin and streptomycin in vegetables by liquid chromatography-tandem mass spectrometry. Analytical Methods, 2015, 7, 3600-3607.	2.7	11
36	Wide-range screening of psychoactive substances by FIA-HRMS: identification strategies. Analytical and Bioanalytical Chemistry, 2015, 407, 4567-4580.	3.7	9

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37	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, 107-116.	3.7	36
38	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, 7369-7378.	3.7	15
39	Mixed-mode liquid chromatography coupled to tandem mass spectrometry for the analysis of aminoglycosides in meat. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4941-4953.	3.7	21
40	Survey of the occurrence of pharmaceuticals in Spanish finished drinking waters. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10917-10939.	5.3	28
41	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, 119-131.	3.7	30
42	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.	5.4	36
43	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, 467-475.	1.5	36
44	Field amplified sample injection-capillary zone electrophoresis for the analysis of amprolium in eggs. <i>Electrophoresis</i> , 2013, 34, 870-876.	2.4	23
45	Atmospheric pressure ionization-tandem mass spectrometry of the phenicol drug family. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1241-1251.	1.6	6
46	Atmospheric Pressure Photoionization Mass Spectrometry of Fullerenes. <i>Analytical Chemistry</i> , 2012, 84, 5316-5326.	6.5	38
47	Strategies for the multi-residue analysis of 100 pesticides by liquid chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1249, 164-180.	3.7	47
48	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.	3.5	41
49	Analysis of perfluorinated phosphonic acids and perfluorooctane sulfonic acid in water, sludge and sediment by LC-MS/MS. <i>Talanta</i> , 2011, 86, 329-336.	5.5	55
50	Accelerated bimolecular reactions in microdroplets studied by desorption electrospray ionization mass spectrometry. <i>Chemical Science</i> , 2011, 2, 501-510.	7.4	278
51	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, 3595-3606.	3.7	24
52	Hydrophilic interaction liquid chromatography/tandem mass spectrometry for the analysis of diallyldimethylammonium chloride in water. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 379-386.	1.5	6
53	Preventing false negatives with high-resolution mass spectrometry: the benzophenone case. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3161-3166.	1.5	34
54	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, 459-466.	3.7	72

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55	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, 1603-1610.	3.7	97
56	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, 227-233.	5.4	188
57	Fast liquid chromatography/tandem mass spectrometry (highly selective selected reaction) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T <i>Bioanalytical Chemistry</i> , 2010, 397, 2893-2901.	3.7	31
58	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, 1550-1559.	2.4	39
59	Recent advances in mass spectrometry analysis of phenolic endocrine disruptors and related compounds. <i>Mass Spectrometry Reviews</i> , 2010, 29, 776-805.	5.4	45
60	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, 3511-3518.	3.7	75
61	Analysis of amprolium by hydrophilic interaction liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 5802-5807.	3.7	26
62	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, 3469-3477.	1.5	26
63	Fast liquid chromatography/multi-stage mass spectrometry of coccidiostats. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1255-1263.	1.5	29
64	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, 4402-4406.	3.7	58
65	Presence of heterocyclic aromatic amines (HAs) in smoked Provolone cheese from Calabria (Italy). <i>Food and Chemical Toxicology</i> , 2009, 47, 321-327.	3.6	29
66	Liquid chromatography multi-stage mass spectrometry for the analysis of 5-hydroxymethylfurfural in foods. <i>Journal of Chromatography A</i> , 2008, 1185, 102-108.	3.7	58
67	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, 182-188.	3.7	39
68	Liquid chromatography coupled to tandem mass spectrometry for the analysis of acrylamide in typical Spanish products. <i>Talanta</i> , 2008, 76, 389-394.	5.5	44
69	CEC separation of heterocyclic amines using methacrylate monolithic columns. <i>Electrophoresis</i> , 2007, 28, 1704-1713.	2.4	10
70	Field amplified sample injection/capillary electrophoresis/tandem mass spectrometry for the analysis of acrylamide in foodstuffs. <i>Journal of Chromatography A</i> , 2007, 1159, 225-232.	3.7	32
71	Liquid chromatography/multi-stage mass spectrometry of bisphenol A and its halogenated derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 4039-4048.	1.5	60
72	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.	5.4	51

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73	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.	3.7	74
74	Analysis of benzalkonium chloride by capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2006, 27, 2225-2232.	2.4	16
75	LC-MS/MS analysis of organic toxics in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 683-703.	11.4	87
76	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.	3.7	49
77	State-of-the-art of the hyphenation of capillary electrochromatography with mass spectrometry. <i>Electrophoresis</i> , 2004, 25, 1927-1948.	2.4	72
78	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, 873-883.	1.6	25
79	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.	2.3	32
80	Formation and stability of heterocyclic amines in a meat flavour model system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 802, 11-17.	2.3	72
81	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.	3.7	49
82	Determination of heterocyclic amines by liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1054, 409-418.	3.7	33
83	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.	5.4	33
84	Determination of quaternary ammonium biocides by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1058, 89-95.	3.7	28
85	Determination of heterocyclic aromatic amines by capillary electrophoresis coupled to mass spectrometry using in-line preconcentration. <i>Electrophoresis</i> , 2003, 24, 3075-3082.	2.4	45
86	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.	1.5	18
87	Multistep mass spectrometry of heterocyclic amines in a quadrupole ion trap mass analyser. <i>Journal of Mass Spectrometry</i> , 2002, 37, 812-828.	1.6	39
88	Ion-trap tandem mass spectrometry for the determination of heterocyclic amines in food. <i>Journal of Chromatography A</i> , 2002, 948, 267-281.	3.7	72
89	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, 275-282.	3.7	66
90	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.	3.7	90

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91	Capillary electrophoresisâ€“mass spectrometry for the analysis of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 2002, 974, 243-255.	3.7	70
92	Determination of Chlormequat in Fruit Samples by Liquid Chromatography-Electrospray-Mass Spectrometry/Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2001, 84, 1903-1908.	1.5	25
93	Ion-trap versus quadrupole for analysis of quaternary ammonium herbicides by LC-MS. <i>Chromatographia</i> , 2001, 53, 273-278.	1.3	25
94	Determination of quaternary ammonium pesticides by liquid chromatographyâ€“electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 914, 111-121.	3.7	102
95	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, 353-361.	3.7	60
96	Pressure-assisted capillary electrophoresisâ€“electrospray ion trap mass spectrometry for the analysis of heparin depolymerised disaccharides. <i>Journal of Chromatography A</i> , 2001, 914, 277-291.	3.7	65
97	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, 101-112.	3.7	34
98	Determination of ebrotidine and its metabolites by capillary electrophoresis with UV and mass spectrometry detection. <i>Journal of Chromatography A</i> , 2000, 888, 281-292.	3.7	13
99	Capillary electrophoresisâ€“electrospray ion-trap mass spectrometry for the separation of chlorophenols. <i>Journal of Chromatography A</i> , 2000, 896, 125-133.	3.7	38
100	On-line ion-pair solid-phase extractionâ€“liquid chromatographyâ€“mass spectrometry for the analysis of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 2000, 869, 441-449.	3.7	58
101	Determination of heterocyclic aromatic amines in meat extracts by liquid chromatographyâ€“ion-trap atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 869, 307-317.	3.7	48
102	Ion-pair liquid chromatographyâ€“atmospheric pressure ionization mass spectrometry for the determination of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 1999, 830, 145-154.	3.7	76
103	Liquid chromatographyâ€“atmospheric pressure chemical ionization mass spectrometry for chlorinated phenolic compounds. <i>Journal of Chromatography A</i> , 1998, 823, 241-248.	3.7	39
104	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, 207-218.	3.7	54
105	Supercritical fluid chromatographyâ€“atmospheric pressure chemical ionisation mass spectrometry for the analysis of hydroxy polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1997, 777, 167-176.	3.7	19
106	Liquid chromatographyâ€“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, 125-136.	3.7	39
107	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.	3.7	60
108	Determination of heterocyclic amines by pneumatically assisted electrospray liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1996, 730, 185-194.	3.7	47

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109	Determination of Quaternary Ammonium Herbicides by Capillary Electrophoresis/Mass Spectrometry. , 1996, 10, 1379-1385.		58
110	Determination of hydroxy polycyclic aromatic hydrocarbons by liquid chromatography-mass spectrometry Comparison of atmospheric pressure chemical ionization and electrospray. Journal of Chromatography A, 1996, 731, 75-84.	3.7	41
111	Pentafluorobenzyl derivatives for the gas chromatographic determination of hydroxy-polycyclic aromatic hydrocarbons in urban aerosols. Journal of Chromatography A, 1995, 710, 139-147.	3.7	26
112	Determination of hydroxy-substituted polycyclic aromatic hydrocarbons by high-performance liquid chromatography with electrochemical detection. Journal of Chromatography A, 1995, 715, 41-48.	3.7	17
113	Determination of acridine derived compounds in charcoal-grilled meat and creosote oils by liquid chromatographic and gas chromatographic analysis. Analytica Chimica Acta, 1994, 295, 307-313.	5.4	16
114	High-performance liquid chromatography-mass spectrometry (pneumatically assisted electrospray) of hydroxy polycyclic aromatic hydrocarbons. Journal of Chromatography A, 1994, 683, 9-19.	3.7	23
115	Determination of oxygenated and nitro-substituted polycyclic aromatic hydrocarbons by HPLC and electrochemical detection. Talanta, 1993, 40, 615-621.	5.5	34
116	Effect of solvent on the determination of oxo- and nitro-polycyclic aromatic hydrocarbons using capillary gas chromatography with splitless injection. Journal of Chromatography A, 1992, 607, 287-294.	3.7	10