

# Javier Hernández-Borges

## List of Publications by Year in descending order

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142  
papers

6,275  
citations

57758

44  
h-index

79698

73  
g-index

150  
all docs

150  
docs citations

150  
times ranked

5116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniaturized green sample preparation approaches for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114405.	2.8	12
2	Microplastic pollution in sublittoral coastal sediments of a North Atlantic island: The case of La Palma (Canary Islands, Spain). <i>Chemosphere</i> , 2022, 288, 132530.	8.2	19
3	Assessment of microplastic content in <i>Diadema africanum</i> sea urchin from Tenerife (Canary Islands, Spain). <i>Trends in Analytical Chemistry</i> , 2022, 14, 1931.	5.0	12
4	Recycled wastewater as a potential source of microplastics in irrigated soils from an arid-insular territory (Fuerteventura, Spain). <i>Science of the Total Environment</i> , 2022, 817, 152830.	8.0	49
5	Determination of phthalic acid esters and di(2-ethylhexyl) adipate in fish and squid using the ammonium formate version of the QuEChERS method combined with gas chromatography mass spectrometry. <i>Food Chemistry</i> , 2022, 380, 132174.	8.2	16
6	Determination of phthalic acid esters and di(2-ethylhexyl) adipate in coffee obtained from capsules. <i>Food Chemistry</i> , 2022, 388, 132997.	8.2	5
7	Microplastics Determination in Gastrointestinal Tracts of European Sea Bass ( <i>Dicentrarchus labrax</i> ) and Gilt-Head Sea Bream ( <i>Sparus aurata</i> ) from Tenerife (Canary Islands, Spain). <i>Polymers</i> , 2022, 14, 1931.	4.5	7
8	Plastitar: A new threat for coastal environments. <i>Science of the Total Environment</i> , 2022, 839, 156261.	8.0	15
9	Analysis of Pesticide Residues in Pollen and Dairy Products. <i>Sustainable Agriculture Reviews</i> , 2021, 47-89.	1.1	0
10	Application of stimuli-responsive materials for extraction purposes. <i>Journal of Chromatography A</i> , 2021, 1636, 461764.	3.7	8
11	Microplastic-adsorbed organic contaminants: Analytical methods and occurrence. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 136, 116186.	11.4	52
12	Extraction of phthalic acid esters from soft drinks and infusions by dispersive liquid-liquid microextraction based on the solidification of the floating organic drop using a menthol-based natural deep eutectic solvent. <i>Journal of Chromatography A</i> , 2021, 1646, 462132.	3.7	25
13	MICROPLASTICS HOTSPOTS: A NEW WAY OF RAISING ENVIRONMENTAL AWARENESS. , 2021, , .		0
14	Microplastics: An Emerging and Challenging Research Field. <i>Current Analytical Chemistry</i> , 2021, 17, 894-901.	1.2	4
15	MICROPLASTICS ANALYSIS IN SEA URCHINS AS A FINAL DEGREE PROJECT. , 2021, , .		0
16	Arenas Blancas (El Hierro island), a new hotspot of plastic debris in the Canary Islands (Spain). <i>Marine Pollution Bulletin</i> , 2021, 169, 112548.	5.0	14
17	The current role of chromatography in microplastic research: Plastics chemical characterization and sorption of contaminants. <i>Journal of Chromatography Open</i> , 2021, 1, 100001.	2.2	17
18	The Role of Chromatographic and Electromigration Techniques in Foodomics. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1336, 31-49.	1.6	0

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19	Carbon nanoparticles. , 2021, , 253-295.		2
20	Deep Eutectic Solvents Application in Food Analysis. <i>Molecules</i> , 2021, 26, 6846.	3.8	19
21	Micro and Nano-Plastics in the Environment: Research Priorities for the Near Future. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021, 257, 163-218.	1.3	8
22	Quick, Easy, Cheap, Effective, Rugged, and Safe (QuEChERS) Extraction. , 2020, , 399-437.		12
23	Analysis of phthalic acid esters in sea water and sea sand using polymer-coated magnetic nanoparticles as extraction sorbent. <i>Journal of Chromatography A</i> , 2020, 1611, 460620.	3.7	26
24	The current binomial Sonochemistry-Analytical Chemistry. <i>Journal of Chromatography A</i> , 2020, 1614, 460511.	3.7	9
25	Determination of pesticides in dried minor tropical fruits from Colombia using the Quick, Easy, Cheap, Effective, Rugged, and Safe methodâ€“gas chromatographyâ€“tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 929-935.	2.5	7
26	Monitoring of meso and microplastic debris in Playa Grande beach (Tenerife, Canary Islands, Spain) during a moon cycle. <i>Marine Pollution Bulletin</i> , 2020, 150, 110757.	5.0	26
27	Covalent Organic Frameworks in Sample Preparation. <i>Molecules</i> , 2020, 25, 3288.	3.8	30
28	Menthol-Based Deep Eutectic Solvent Dispersive Liquidâ€“Liquid Microextraction: A Simple and Quick Approach for the Analysis of Phthalic Acid Esters from Water and Beverage Samples. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8783-8794.	6.7	44
29	Extraction of Phthalic Acid Esters and Di(2-ethylhexyl) Adipate from Tap and Waste Water Samples Using ChromabondÂ® HLB as Sorbent Prior to Gas Chromatography-Mass Spectrometry Analysis. <i>Separations</i> , 2020, 7, 21.	2.4	3
30	Preparation Methods and Advantages of Nano-Sorbents for Food Contaminants Determination. <i>Food Engineering Series</i> , 2020, , 49-96.	0.7	0
31	MICROPLASTIC ANALYSIS IN MARINE ORGANISMS AS A FINAL DEGREE PROJECT. <i>EDULEARN Proceedings</i> , 2020, , .	0.0	0
32	TEACHING GREEN ANALYTICAL CHEMISTRY PRINCIPLES FROM A PRACTICAL APPROACH. <i>EDULEARN Proceedings</i> , 2020, , .	0.0	0
33	Analysis of pesticides in cherimoya and gulupa minor tropical fruits using AOAC 2007.1 and ammonium formate QuEChERS versions: A comparative study. <i>Microchemical Journal</i> , 2020, 157, 104950.	4.5	4
34	THE INTERDISCIPLINARY INTEGRATION OF SUSTAINABILITY AT UNIVERSITY LEVEL. , 2020, , .		0
35	IMPLEMENTING FINAL DEGREE PROJECTS WITH AN ENVIRONMENTAL PERSPECTIVE (MICROPLASTIC) Tj ETQq1 1 0.784314 rgBT /Over to		0
36	Microplastic debris in beaches of Tenerife (Canary Islands, Spain). <i>Marine Pollution Bulletin</i> , 2019, 146, 26-32.	5.0	73

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37	Analysis of multiclass pesticides in dried fruits using QuEChERS-gas chromatography tandem mass spectrometry. Food Chemistry, 2019, 297, 124961.	8.2	39
38	Organophosphorus Pesticides (OPPs) in Bread and Flours. , 2019, , 53-70.		4
39	Use of Basolite® F300 metal-organic framework for the dispersive solid-phase extraction of phthalic acid esters from water samples prior to LC-MS determination. Talanta, 2019, 195, 236-244.	5.5	38
40	High-throughput analysis of pesticides in minor tropical fruits from Colombia. Food Chemistry, 2019, 280, 221-230.	8.2	15
41	APPLICATION OF THE QUECHERS METHOD FOR PESTICIDE EXTRACTION FROM FRUITS AS A FINAL DEGREE PROJECT. EDULEARN Proceedings, 2019, , .	0.0	0
42	TEACHING ADVANCED ANALYTICAL CHEMISTRY USING COST EFFECTIVE NANOMATERIALS: A PERSONAL EXPERIENCE. , 2019, , .		0
43	Determination of phthalic acid esters in different baby food samples by gas chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2018, 410, 5617-5628.	3.7	26
44	Determination of phthalates in beverages using multiwalled carbon nanotubes dispersive solid-phase extraction before HPLC-MS. Journal of Separation Science, 2018, 41, 2613-2622.	2.5	30
45	Multiresidue analysis of oestrogenic compounds in cow, goat, sheep and human milk using core-shell polydopamine coated magnetic nanoparticles as extraction sorbent in micro-dispersive solid-phase extraction followed by ultra-high-performance liquid chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2018, 410, 2031-2042.	3.7	32
46	Determination of phthalic acid esters in water samples by hollow fiber liquid-phase microextraction prior to gas chromatography tandem mass spectrometry. Chemosphere, 2018, 201, 254-261.	8.2	42
47	Analytical methods for the determination of phthalates in food. Current Opinion in Food Science, 2018, 22, 122-136.	8.0	42
48	New Trends in Analytical Sciences”Nanomaterials. , 2018, , 1-33.		0
49	Carbon Nanomaterials in Sample Preparation. RSC Detection Science, 2018, , 37-68.	0.0	0
50	TOWARDS AN EFFECTIVE SELF-LEARNING: THE CASE OF THE SUBJECT “QUALITY MANAGEMENT IN ANALYTICAL LABORATORIES”: EDULEARN Proceedings, 2018, , .	0.0	0
51	DETERMINATION OF MICROPLASTICS IN SEA SAND AS A FINAL DEGREE PROJECT. EDULEARN Proceedings, 2018, , .	0.0	0
52	Dissipation kinetics of organophosphorus pesticides in milled toasted maize and wheat flour (gofio) during storage. Food Chemistry, 2017, 229, 854-859.	8.2	23
53	Multiresidue determination of estrogens in different dairy products by ultra-high-performance liquid chromatography triple quadrupole mass spectrometry. Journal of Chromatography A, 2017, 1496, 58-67.	3.7	25
54	Recent applications of nanomaterials in capillary electrophoresis. Electrophoresis, 2017, 38, 2431-2446.	2.4	22

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55	Determination of phthalic acid esters in water samples using core-shell poly(dopamine) magnetic nanoparticles and gas chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1530, 35-44.	3.7	33
56	Recent applications of nanomaterials in food safety. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 172-200.	11.4	66
57	Multiclass analytical method for the determination of natural/synthetic steroid hormones, phytoestrogens, and mycoestrogens in milk and yogurt. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4467-4477.	3.7	20
58	Recent Advances and Developments in the QuEChERS Method. <i>Comprehensive Analytical Chemistry</i> , 2017, , 319-374.	1.3	16
59	Core-shell poly(dopamine) magnetic nanoparticles for the extraction of estrogenic mycotoxins from milk and yogurt prior to LC-MS analysis. <i>Food Chemistry</i> , 2017, 215, 362-368.	8.2	53
60	Nano-Liquid Chromatographic Separations. , 2017, , 309-363.		3
61	Estrogenic Compounds in Yogurt. , 2017, , 451-472.		0
62	Pesticides and Herbicides: Types, Uses, and Determination of Herbicides. , 2016, , 326-332.		8
63	Determination of estrogenic compounds in milk and yogurt samples by hollow-fibre liquid-phase microextraction-gas chromatography-triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7447-7459.	3.7	21
64	Nanomaterials as sorbents for food sample analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 203-220.	11.4	76
65	Capillary electrochromatography and nano-liquid chromatography coupled to nano-electrospray ionization interface for the separation and identification of estrogenic compounds. <i>Electrophoresis</i> , 2016, 37, 356-362.	2.4	13
66	Capillary electrochromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 250-267.	11.4	55
67	Application of multiwalled carbon nanotubes as sorbents for the extraction of mycotoxins in water samples and infant milk formula prior to high performance liquid chromatography mass spectrometry analysis. <i>Electrophoresis</i> , 2016, 37, 1359-1366.	2.4	18
68	Evaluation of two molecularly imprinted polymers for the solid-phase extraction of natural, synthetic and mycoestrogens from environmental water samples before liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 2692-2699.	2.5	26
69	Evaluation of the combination of a dispersive liquid-liquid microextraction method with micellar electrokinetic chromatography coupled to mass spectrometry for the determination of estrogenic compounds in milk and yogurt. <i>Electrophoresis</i> , 2015, 36, 615-625.	2.4	41
70	Evolution and applications of the QuEChERS method. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 169-185.	11.4	291
71	Core-shell polydopamine magnetic nanoparticles as sorbent in micro-dispersive solid-phase extraction for the determination of estrogenic compounds in water samples prior to high-performance liquid chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2015, 1397, 1-10.	3.7	56
72	<sc>CE</sc>-MS fingerprinting of <i>Laurencia</i> complex algae (<sc>Rhodophyta</sc>). <i>Journal of Separation Science</i> , 2014, 37, 711-716.	2.5	3

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73	Estrogenic compounds determination in water samples by dispersive liquid-liquid microextraction and micellar electrokinetic chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1344, 109-121.	3.7	44
74	Determination of estrogens in environmental water samples using 1,3-bis(4-pentylimidazolium) hexafluorophosphate ionic liquid as extraction solvent in dispersive liquid-liquid microextraction. <i>Electrophoresis</i> , 2014, 35, 2479-2487.	2.4	25
75	Analysis of oestrogenic compounds in dairy products by hollow-fibre liquid-phase microextraction coupled to liquid chromatography. <i>Food Chemistry</i> , 2014, 149, 319-325.	8.2	36
76	Use of ammonium formate in QuEChERS for high-throughput analysis of pesticides in food by fast, low-pressure gas chromatography and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1358, 75-84.	3.7	90
77	Recent applications of carbon nanotube sorbents in analytical chemistry. <i>Journal of Chromatography A</i> , 2014, 1357, 110-146.	3.7	112
78	Determination of organophosphorus pesticides and metabolites in cereal-based baby foods and wheat flour by means of ultrasound-assisted extraction and hollow-fiber liquid-phase microextraction prior to gas chromatography with nitrogen phosphorus detection. <i>Journal of Chromatography A</i> , 2013, 1313, 166-174.	3.7	52
79	Comparison between magnetic and non magnetic multi-walled carbon nanotubes-dispersive solid-phase extraction combined with ultra-high performance liquid chromatography for the determination of sulfonamide antibiotics in water samples. <i>Talanta</i> , 2013, 116, 695-703.	5.5	105
80	Hollow-fiber liquid-phase microextraction for the determination of natural and synthetic estrogens in milk samples. <i>Journal of Chromatography A</i> , 2013, 1313, 175-184.	3.7	42
81	Dispersive liquid-liquid microextraction combined with ultra-high performance liquid chromatography for the simultaneous determination of 25 sulfonamide and quinolone antibiotics in water samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 75, 130-137.	2.8	130
82	Analysis of pesticides residues in environmental water samples using multiwalled carbon nanotubes dispersive solid-phase extraction. <i>Journal of Separation Science</i> , 2013, 36, 556-563.	2.5	66
83	Chromatographic analysis of natural and synthetic estrogens in milk and dairy products. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 44, 58-77.	11.4	52
84	Sample-preparation methods for pesticide-residue analysis in cereals and derivatives. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 38, 32-51.	11.4	80
85	Carbon nanotubes applications in separation science: A review. <i>Analytica Chimica Acta</i> , 2012, 734, 1-30.	5.4	284
86	Determination of pesticides and their metabolites in processed cereal samples. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 104-116.	2.3	20
87	Sorbent-Based Techniques for the Determination of Pesticides in Food. , 2012, , 263-312.		1
88	Dispersive liquid-liquid microextraction of pesticides and metabolites from soils using 1,3-bis(4-pentylimidazolium) hexafluorophosphate ionic liquid as an alternative extraction solvent. <i>Electrophoresis</i> , 2012, 33, 1449-1457.	2.4	21
89	Hollow-fiber liquid-phase microextraction for the determination of pesticides and metabolites in soils and water samples using HPLC and fluorescence detection. <i>Electrophoresis</i> , 2012, 33, 2184-2191.	2.4	37
90	Pesticide residue analysis in cereal-based baby foods using multi-walled carbon nanotubes dispersive solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 183-196.	3.7	39

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91	Pesticide analysis in toasted barley and chickpea flours. <i>Journal of Separation Science</i> , 2012, 35, 299-307.	2.5	12
92	Determination of quinolone residues in infant and young children powdered milk combining solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 7608-7614.	3.7	48
93	Liquid phase microextraction applications in food analysis. <i>Journal of Chromatography A</i> , 2011, 1218, 7415-7437.	3.7	162
94	Multi-walled carbon nanotubes-dispersive solid-phase extraction combined with nano-liquid chromatography for the analysis of pesticides in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1113-1123.	3.7	81
95	Ionic liquid-dispersive liquid-liquid microextraction for the simultaneous determination of pesticides and metabolites in soils using high-performance liquid chromatography and fluorescence detection. <i>Journal of Chromatography A</i> , 2011, 1218, 4808-4816.	3.7	115
96	Oxidized multi-walled carbon nanotubes for the dispersive solid-phase extraction of quinolone antibiotics from water samples using capillary electrophoresis and large volume sample stacking with polarity switching. <i>Journal of Chromatography A</i> , 2011, 1218, 5352-5361.	3.7	105
97	Insecticides extraction from banana leaves using a modified QuEChERS method. <i>Food Chemistry</i> , 2011, 125, 1083-1090.	8.2	36
98	Evaluation of a modified QuEChERS method for the extraction of pesticides from agricultural, ornamental and forestal soils. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2307-2319.	3.7	116
99	Dispersive liquid-liquid microextraction combined with nonaqueous capillary electrophoresis for the determination of fluoroquinolone antibiotics in waters. <i>Electrophoresis</i> , 2010, 31, 3457-3465.	2.4	65
100	Dispersive liquid-liquid microextraction for determination of organic analytes. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 728-751.	11.4	230
101	Carbon nanotubes: Solid-phase extraction. <i>Journal of Chromatography A</i> , 2010, 1217, 2618-2641.	3.7	295
102	Recent food safety and food quality applications of CE-MS. <i>Electrophoresis</i> , 2009, 30, 1624-1646.	2.4	33
103	Food analysis: A continuous challenge for miniaturized separation techniques. <i>Journal of Separation Science</i> , 2009, 32, 3764-3800.	2.5	66
104	Pesticide extraction from table grapes and plums using ionic liquid based dispersive liquid-liquid microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2387-2395.	3.7	61
105	Fluoroquinolone antibiotic determination in bovine, ovine and caprine milk using solid-phase extraction and high-performance liquid chromatography-fluorescence detection with ionic liquids as mobile phase additives. <i>Journal of Chromatography A</i> , 2009, 1216, 7281-7287.	3.7	63
106	Ionic liquid based dispersive liquid-liquid microextraction for the extraction of pesticides from bananas. <i>Journal of Chromatography A</i> , 2009, 1216, 7336-7345.	3.7	151
107	Analysis of pesticide residues in bananas harvested in the Canary Islands (Spain). <i>Food Chemistry</i> , 2009, 113, 313-319.	8.2	86
108	Evaluation of multi-walled carbon nanotubes as solid-phase extraction adsorbents of pesticides from agricultural, ornamental and forestal soils. <i>Analytica Chimica Acta</i> , 2009, 647, 167-176.	5.4	75

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109	Ionic liquids as mobile phase additives for the high-performance liquid chromatographic analysis of fluoroquinolone antibiotics in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 1439-1446.	3.7	55
110	Multiwalled carbon nanotubes as solid-phase extraction materials for the gas chromatographic determination of organophosphorus pesticides in waters. <i>Journal of Separation Science</i> , 2008, 31, 3612-3619.	2.5	35
111	Simultaneous determination of seven pesticides in waters using multi-walled carbon nanotube SPE and NACE. <i>Electrophoresis</i> , 2008, 29, 4412-4421.	2.4	44
112	Solid-phase microextraction and sample stacking micellar electrokinetic chromatography for the analysis of pesticide residues in red wines. <i>Food Chemistry</i> , 2008, 111, 764-770.	8.2	60
113	Multi-walled carbon nanotubes as efficient solid-phase extraction materials of organophosphorus pesticides from apple, grape, orange and pineapple fruit juices. <i>Journal of Chromatography A</i> , 2008, 1211, 33-42.	3.7	142
114	Pesticide analysis in tomatoes by solid-phase microextraction and micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2008, 1185, 151-154.	3.7	38
115	Determination of Abamectin Residues in Avocados by Microwave-Assisted Extraction and HPLC with Fluorescence Detection. <i>Chromatographia</i> , 2008, 67, 69-75.	1.3	26
116	Atmospheric corrosion in subtropical areas: Statistic study of the corrosion of zinc plates exposed to several atmospheres in the province of Santa Cruz de Tenerife (Canary Islands, Spain). <i>Corrosion Science</i> , 2007, 49, 526-541.	6.6	19
117	MEKC combined with SPE and sample stacking for multiple analysis of pesticides in water samples at the ng/L level. <i>Electrophoresis</i> , 2007, 28, 1805-1814.	2.4	28
118	Multiple pesticide analysis in wine by MEKC combined with solid-phase microextraction and sample stacking. <i>Electrophoresis</i> , 2007, 28, 4072-4081.	2.4	33
119	Rapid analysis of triazolopyrimidine sulfoanilide herbicides in waters and soils by high-performance liquid chromatography with UV detection using a C18 monolithic column. <i>Journal of Separation Science</i> , 2007, 30, 8-14.	2.5	24
120	Recent applications in nanoliquid chromatography. <i>Journal of Separation Science</i> , 2007, 30, 1589-1610.	2.5	115
121	Pesticide analysis in rose wines by micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2007, 30, 3240-3246.	2.5	17
122	Determination of pesticides in wine using micellar electrokinetic chromatography with UV detection and sample stacking. <i>Journal of Chromatography A</i> , 2007, 1150, 348-355.	3.7	28
123	Sample treatments prior to capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1153, 214-226.	3.7	53
124	Nano-liquid chromatography analysis of dansylated biogenic amines in wines. <i>Journal of Chromatography A</i> , 2007, 1147, 192-199.	3.7	56
125	Analysis of abamectin residues in avocados by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2007, 1165, 52-57.	3.7	27
126	Atmospheric corrosion in subtropical areas: XRD and electrochemical study of zinc atmospheric corrosion products in the province of Santa Cruz de Tenerife (Canary Islands, Spain). <i>Corrosion Science</i> , 2006, 48, 361-371.	6.6	20



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127	Optimization of the Microwave-Assisted Saponification and Extraction of Organic Pollutants from Marine Biota Using Experimental Design and Artificial Neural Networks. <i>Chromatographia</i> , 2006, 63, 155-160.	1.3	15
128	Pesticides analysis by liquid chromatography and capillary electrophoresis. <i>Journal of Separation Science</i> , 2006, 29, 2557-2577.	2.5	39
129	Determination of antioxidants in edible grain derivatives from the Canary Islands by capillary electrophoresis. <i>Food Chemistry</i> , 2005, 91, 105-111.	8.2	28
130	Determination of herbicides in mineral and stagnant waters at ng/L levels using capillary electrophoresis and UV detection combined with solid-phase extraction and sample stacking. <i>Journal of Chromatography A</i> , 2005, 1070, 171-177.	3.7	44
131	Analysis of triazolopyrimidine herbicides in soils using field-enhanced sample injection-coelectroosmotic capillary electrophoresis combined with solid-phase extraction. <i>Journal of Chromatography A</i> , 2005, 1100, 236-242.	3.7	36
132	Rapid Separation of Antioxidants in Food Samples by Coelectroosmotic CE. <i>Chromatographia</i> , 2005, 62, 271-276.	1.3	14
133	Combining solid-phase microextraction and on-line preconcentration-capillary electrophoresis for sensitive analysis of pesticides in foods. <i>Electrophoresis</i> , 2005, 26, 980-989.	2.4	57
134	Chiral analysis of pollutants and their metabolites by capillary electromigration methods. <i>Electrophoresis</i> , 2005, 26, 3799-3813.	2.4	42
135	Analysis of pesticides in soy milk combining solid-phase extraction and capillary electrophoresis-mass spectrometry. <i>Journal of Separation Science</i> , 2005, 28, 948-956.	2.5	63
136	Atmospheric corrosion in subtropical areas: influences of time of wetness and deficiency of the ISO 9223 norm. <i>Corrosion Science</i> , 2005, 47, 2005-2019.	6.6	36
137	Highly sensitive analysis of multiple pesticides in foods combining solid-phase microextraction, capillary electrophoresis-mass spectrometry, and chemometrics. <i>Electrophoresis</i> , 2004, 25, 2065-2076.	2.4	71
138	On-line capillary electrophoresis-mass spectrometry for the analysis of biomolecules. <i>Electrophoresis</i> , 2004, 25, 2257-2281.	2.4	181
139	Pesticide analysis by capillary electrophoresis. <i>Journal of Separation Science</i> , 2004, 27, 947-963.	2.5	79
140	Content of aliphatic hydrocarbons in limpets as a new way for classification of species using artificial neural networks. <i>Chemosphere</i> , 2004, 54, 1059-1069.	8.2	20
141	Chemometric Methods for the Optimization of CE and CE-MS in Pharmaceutical, Environmental, and Food Analysis. , 0, , 133-168.		0
142	Chain-Shattering Polymers as Degradable Microdispersive Solid-Phase Extraction Sorbents. <i>Analytical Chemistry</i> , 0, , .	6.5	1