

# Mara Jess Del Nozal

## List of Publications by Citations

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157  
papers

4,446  
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36  
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g-index

158  
ext. papers

4,859  
ext. citations

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avg, IF

5.13  
L-index

#	Paper	IF	Citations
157	How natural infection by <i>Nosema ceranae</i> causes honeybee colony collapse. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 2659-69	5.2	474
156	Honeybee colony collapse due to <i>Nosema ceranae</i> in professional apiaries. <i>Environmental Microbiology Reports</i> , <b>2009</b> , 1, 110-3	3.7	208
155	Variability of brewer's spent grain within a brewery. <i>Food Chemistry</i> , <b>2003</b> , 80, 17-21	8.5	173
154	Extraction and determination of bioactive compounds from bee pollen. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 147, 110-124	3.5	89
153	A preliminary study of the epidemiological factors related to honey bee colony loss in Spain. <i>Environmental Microbiology Reports</i> , <b>2010</b> , 2, 243-50	3.7	85
152	Rapid and sensitive method for determining free amino acids in honey by gas chromatography with flame ionization or mass spectrometric detection. <i>Journal of Chromatography A</i> , <b>2004</b> , 1047, 137-46	4.5	80
151	Overview of pesticide residues in stored pollen and their potential effect on bee colony ( <i>Apis mellifera</i> ) losses in Spain. <i>Journal of Economic Entomology</i> , <b>2010</b> , 103, 1964-71	2.2	76
150	Analysis of pesticide residues in wine by solid-phase extraction and gas chromatography with electron capture and nitrogen-phosphorus detection. <i>Journal of Chromatography A</i> , <b>2001</b> , 919, 147-56	4.5	76
149	Extraction, chemical characterization and biological activity determination of broccoli health promoting compounds. <i>Journal of Chromatography A</i> , <b>2013</b> , 1313, 78-95	4.5	69
148	Toxicokinetics of glyphosate and its metabolite aminomethyl phosphonic acid in rats. <i>Toxicology Letters</i> , <b>2009</b> , 190, 91-5	4.4	68
147	Determination of seven neonicotinoid insecticides in beeswax by liquid chromatography coupled to electrospray-mass spectrometry using a fused-core column. <i>Journal of Chromatography A</i> , <b>2013</b> , 1285, 110-7	4.5	66
146	The stability and effectiveness of fumagillin in controlling <i>Nosema ceranae</i> (Microsporidia) infection in honey bees ( <i>Apis mellifera</i> ) under laboratory and field conditions. <i>Apidologie</i> , <b>2011</b> , 42, 364-377	3.7	63
145	High-performance liquid chromatographic determination of methyl anthranilate, hydroxymethylfurfural and related compounds in honey. <i>Journal of Chromatography A</i> , <b>2001</b> , 917, 95-103	4.5	61
144	Solid-phase microextraction applied to the analysis of pesticide residues in honey using gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , <b>1998</b> , 829, 269-77	4.5	55
143	The use of carbohydrate profiles and chemometrics in the characterization of natural honeys of identical geographical origin. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 3095-100	5.7	55
142	Comparative study of the enantioselective separation of several antiulcer drugs by high-performance liquid chromatography and supercritical fluid chromatography. <i>Journal of Chromatography A</i> , <b>2005</b> , 1091, 118-23	4.5	53
141	Holistic screening of collapsing honey bee colonies in Spain: a case study. <i>BMC Research Notes</i> , <b>2014</b> , 7, 649	2.3	52

140	Presence of mitomycin-C in the anterior chamber after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 67-71	2.3	52
139	Determination of azolic fungicides in wine by solid-phase extraction and high-performance liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2005</b> , 1076, 90-6	4.5	52
138	Extraction of thymol, eucalyptol, menthol, and camphor residues from honey and beeswax. Determination by gas chromatography with flame ionization detection. <i>Journal of Chromatography A</i> , <b>2002</b> , 954, 207-15	4.5	50
137	Pentoses and Hydroxycinnamic Acids in Brewer's Spent Grain. <i>Journal of Cereal Science</i> , <b>2002</b> , 36, 51-58	3.8	47
136	Residues of neonicotinoids and their metabolites in honey and pollen from sunflower and maize seed dressing crops. <i>Journal of Chromatography A</i> , <b>2016</b> , 1428, 220-7	4.5	44
135	Development and validation of an LC assay for sumatriptan succinate residues on surfaces in the manufacture of pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 30, 285-91	3.5	44
134	Determination of pesticide residues in waters from small loughs by solid-phase extraction and combined use of gas chromatography with electron-capture and nitrogen-phosphorus detection and high-performance liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , <b>1997</b> , 778, 289-300	4.5	43
133	Enantiomeric separation of several antimycotic azole drugs using supercritical fluid chromatography. <i>Journal of Chromatography A</i> , <b>2007</b> , 1144, 255-61	4.5	43
132	Quality assurance of commercial beeswax. Part I. Gas chromatography-electron impact ionization mass spectrometry of hydrocarbons and monoesters. <i>Journal of Chromatography A</i> , <b>2004</b> , 1024, 147-54	4.5	42
131	High-performance liquid chromatographic determination of benomyl and carbendazim residues in apiarian samples. <i>Journal of Chromatography A</i> , <b>1997</b> , 787, 129-36	4.5	40
130	Matrix effects in the determination of acaricides and fungicides in must by gas chromatography with electron-capture and nitrogen-phosphorus detection. <i>Journal of Chromatography A</i> , <b>1997</b> , 778, 111-17	4.5	39
129	Determination of glutathione, cysteine and N-acetylcysteine in rabbit eye tissues using high-performance liquid chromatography and post-column derivatization with 5,5'-dithiobis(2-nitrobenzoic acid). <i>Journal of Chromatography A</i> , <b>1997</b> , 778, 347-53	4.5	39
128	Gas chromatography with electron-capture and nitrogen-phosphorus detection in the analysis of pesticides in honey after elution from a Florisil column. Influence of the honey matrix on the quantitative results. <i>Journal of Chromatography A</i> , <b>1998</b> , 823, 381-7	4.5	39
127	A comparative study of several HPLC methods for determining free amino acid profiles in honey. <i>Journal of Separation Science</i> , <b>2005</b> , 28, 1039-47	3.4	37
126	Applications of the Chiralpak AD and Chiralcel OD chiral columns in the enantiomeric separation of several dioxolane compounds by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 921, 305-13	4.5	37
125	Optimized extraction, separation and quantification of twelve intact glucosinolates in broccoli leaves. <i>Food Chemistry</i> , <b>2014</b> , 152, 66-74	8.5	36
124	Enantiomeric separation of chiral sulfoxides by supercritical fluid chromatography. <i>Journal of Separation Science</i> , <b>2006</b> , 29, 1363-72	3.4	36
123	Physico-chemical parameters for the characterization of pure beeswax and detection of adulterations. <i>European Journal of Lipid Science and Technology</i> , <b>2005</b> , 107, 158-166	3	36

122	Separation of antifungal chiral drugs by SFC and HPLC: a comparative study. <i>Journal of Proteomics</i> , <b>2002</b> , 54, 245-54		36
121	A new and simple method to determine trace levels of sulfonamides in honey by high performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 7275-80	4.5	35
120	Multidetermination of PCBs and pesticides by use of a dual GC column-dual detector system. <i>Chromatographia</i> , <b>1992</b> , 33, 67-76	2.1	35
119	Chiral analysis of aromatic amino acids in food supplements using subcritical fluid chromatography and Chirobiotic T2 column. <i>Journal of Supercritical Fluids</i> , <b>2016</b> , 107, 519-525	4.2	34
118	Development and validation of a liquid chromatography-fluorescence-mass spectrometry method to measure glyphosate and aminomethylphosphonic acid in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 3290-6	3.2	34
117	Effects of selected trace elements on plant growth. <i>Journal of the Science of Food and Agriculture</i> , <b>1990</b> , 51, 447-479	4.3	34
116	Semipreparative enantiomeric separation of omeprazole by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1137, 30-5	4.5	33
115	Separation of triadimefon and triadimenol enantiomers and diastereoisomers by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , <b>2003</b> , 986, 135-41	4.5	33
114	Development and application of a liquid chromatography-mass spectrometry method to evaluate the glyphosate and aminomethylphosphonic acid dissipation in maize plants after foliar treatment. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 4017-25	5.7	32
113	Chiral separation of omeprazole and several related benzimidazoles using supercritical fluid chromatography. <i>Journal of Separation Science</i> , <b>2004</b> , 27, 1023-9	3.4	32
112	Supercritical fluid extraction of free amino acids from broccoli leaves. <i>Journal of Chromatography A</i> , <b>2012</b> , 1250, 49-53	4.5	31
111	Persistence and degradation of metalaxyl, lindane, fenvalerate and deltamethrin during the wine making process. <i>Food Chemistry</i> , <b>2007</b> , 104, 216-223	8.5	30
110	Sample preparation methods to analyze fipronil in honey by gas chromatography with electron-capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , <b>2008</b> , 1187, 40-5	4.5	30
109	Effects of organic modifier and temperature on the enantiomeric separation of several azole drugs using supercritical fluid chromatography and the Chiralpak AD column. <i>Biomedical Chromatography</i> , <b>2014</b> , 28, 152-8	1.7	29
108	Study of the enantiomeric separation of an acetamide intermediate by using supercritical fluid chromatography and several polysaccharide based chiral stationary phases. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 4886-91	4.5	29
107	Residues of organic contaminants in beeswax. <i>European Journal of Lipid Science and Technology</i> , <b>2005</b> , 107, 896-902	3	29
106	Red wine aging in oak barrels: evolution of the monosaccharides content. <i>Food Chemistry</i> , <b>2000</b> , 71, 189-193	3.3	29
105	Trace Analysis of Seven Neonicotinoid Insecticides in Bee Pollen by Solid-Liquid Extraction and Liquid Chromatography Coupled to Electrospray Ionization Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 490-499	3.4	28

104	Fast determination of neonicotinoid insecticides in bee pollen using QuEChERS and ultra-high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Electrophoresis</i> , <b>2016</b> , 37, 2470-2477	3.6	28
103	Profile and relative concentrations of fatty acids in corn and soybean seeds from transgenic and isogenic crops. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 7288-95	4.5	27
102	Use of semipreparative supercritical fluid chromatography to obtain small quantities of the albendazole sulfoxide enantiomers. <i>Journal of Chromatography A</i> , <b>2003</b> , 1011, 155-61	4.5	27
101	Separation of ketoconazole enantiomers by chiral subcritical-fluid chromatography. <i>Journal of Proteomics</i> , <b>2000</b> , 43, 241-50		27
100	Pharmacokinetics of intravitreal vancomycin in normal and infected rabbit eyes. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>1998</b> , 14, 555-63	2.6	26
99	Determination of polycyclic aromatic hydrocarbons in waters by use of supercritical fluid chromatography coupled on-line to solid-phase extraction with disks. <i>Journal of Chromatography A</i> , <b>1997</b> , 778, 321-8	4.5	25
98	Quantitation of active ingredients and excipients in nasal sprays by high-performance liquid chromatography, capillary electrophoresis and UV spectroscopy. <i>Journal of Chromatography A</i> , <b>1998</b> , 823, 423-31	4.5	25
97	Comparative study of sample preparation procedures to determine fipronil in pollen by gas chromatography with mass spectrometric and electron-capture detection. <i>Journal of Chromatography A</i> , <b>2007</b> , 1146, 8-16	4.5	25
96	Sample preparation methods for beeswax characterization by gas chromatography with flame ionization detection. <i>Journal of Chromatography A</i> , <b>2006</b> , 1129, 262-72	4.5	25
95	Extraction and clean-up methods for the determination of amitraz total residues in beeswax by gas chromatography with electron capture detection. <i>Analytica Chimica Acta</i> , <b>2004</b> , 524, 271-278	6.6	25
94	Possibilities of gas chromatography-atomic emission detection in pesticide multiresidue analysis Application to herbicide analysis in soils. <i>Journal of Chromatography A</i> , <b>1996</b> , 754, 245-256	4.5	25
93	Some observations on clean-up procedures using sulphuric acid and Florisil. <i>Journal of Chromatography A</i> , <b>1992</b> , 607, 303-309	4.5	25
92	Simultaneous determination of tryptophan, kynurenine, kynurenic and xanthurenic acids in honey by liquid chromatography with diode array, fluorescence and tandem mass spectrometry detection. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7592-600	4.5	24
91	Separation of albendazole sulfoxide enantiomers by chiral supercritical-fluid chromatography. <i>Journal of Proteomics</i> , <b>2002</b> , 54, 339-45		23
90	Validation of the removal of acetylsalicylic acid. Recovery and determination of residues on various surfaces by high performance liquid chromatographic. <i>Journal of Chromatography A</i> , <b>2000</b> , 870, 69-75	4.5	23
89	Optimized Formation, Extraction, and Determination of Sulforaphane in Broccoli by Liquid Chromatography with Diode Array Detection. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 730-740	3.4	22
88	Trace analysis of fumagillin in honey by liquid chromatography-diode array-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , <b>2008</b> , 1190, 224-31	4.5	22
87	Use of supercritical fluid extraction and gas chromatography-mass spectrometry to obtain amino acid profiles from several genetically modified varieties of maize and soybean. <i>Journal of Chromatography A</i> , <b>2008</b> , 1192, 266-72	4.5	22

86	Development and validation of ultra high performance-liquid chromatography-tandem mass spectrometry based methods for the determination of neonicotinoid insecticides in honey. <i>Food Chemistry</i> , <b>2018</b> , 266, 215-222	8.5	21
85	HPLC Determination of Low Molecular Weight Organic Acids in Honey with Series-Coupled Ion-Exclusion Columns. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2003</b> , 26, 1231-1253 <sup>1-3</sup>		21
84	Comprehensive two-dimensional gas chromatography coupled with static headspace sampling to analyze volatile compounds: application to almonds. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 675-83	3.4	20
83	Study of the enantiomeric separation of oxfendazole and cetirizine using subcritical fluid chromatography on an amylose-based column. <i>Journal of Chromatography A</i> , <b>2006</b> , 1121, 268-73	4.5	20
82	Chiral separation of four 1,3-dioxolane derivatives by supercritical fluid chromatography on an amylose-based column. <i>Journal of Chromatography A</i> , <b>2000</b> , 871, 127-37	4.5	20
81	Fast determination of intact glucosinolates in broccoli leaf by pressurized liquid extraction and ultra high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Food Research International</i> , <b>2015</b> , 76, 498-505	7	19
80	Fast determination of neonicotinoid insecticides in beeswax by ultra-high performance liquid chromatography-tandem mass spectrometry using an enhanced matrix removal-lipid sorbent for clean-up. <i>Microchemical Journal</i> , <b>2018</b> , 142, 70-77	4.8	19
79	Validation of a liquid chromatographic method for the determination of ranitidine hydrochloride residues on surfaces in the manufacture of pharmaceuticals. <i>Journal of Chromatography A</i> , <b>2001</b> , 919, 87-93	4.5	19
78	Determination of phenolic compounds in water samples by on-line solid-phase extraction/supercritical-fluid chromatography with diode-array detection. <i>Chromatographia</i> , <b>1997</b> , 46, 295-300	2.1	18
77	Packed-column supercritical fluid chromatography coupled with solid-phase extraction for the determination of organic microcontaminants in water. <i>Journal of Chromatography A</i> , <b>1998</b> , 823, 163-70	4.5	18
76	High-performance liquid chromatographic determination of vancomycin in rabbit serum, vitreous and aqueous humour after intravitreal injection of the drug. <i>Journal of Chromatography A</i> , <b>1996</b> , 727, 231-8	4.5	18
75	HPLC Determination of Residual Ivermectin in Cattle Dung Following Subcutaneous Injection. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1994</b> , 17, 2429-2444		18
74	Determination of the concentrations of 5-fluorouracil and its metabolites in rabbit plasma and tissues by high-performance liquid chromatography. <i>Biomedical Applications</i> , <b>1994</b> , 656, 397-405		18
73	Modification of the methylene blue method for spectrophotometric selenium determination. <i>Talanta</i> , <b>1990</b> , 37, 931-6	6.2	18
72	Liquid chromatography coupled to ion trap-tandem mass spectrometry to evaluate juvenile hormone III levels in bee hemolymph from <i>Nosema</i> spp. infected colonies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 899, 146-53	3.2	17
71	Enantiomeric resolution of bifonazole by supercritical fluid chromatography. <i>Journal of Separation Science</i> , <b>2006</b> , 29, 1373-8	3.4	17
70	Factors affecting the extraction, hydrolysis and derivatization steps for the quantitation of total residues of amitraz in honey by gas chromatography with electron capture detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2002</b> , 374, 300-4	4.4	17
69	Determination of the fungicide vinclozolin in honey and bee larvae by solid-phase and solvent extraction with gas chromatography and electron-capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , <b>1996</b> , 754, 507-13	4.5	17

68	Determination of flubendiamide in honey at trace levels by using solid phase extraction and liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Food Chemistry</i> , <b>2017</b> , 232, 169-176	8.5	16
67	Sequential Supercritical Fluid Extraction of Lipids. Application to the Obtention of the Fatty Acid Profile of Some Genetically Modified Varieties of Corn. <i>Food Analytical Methods</i> , <b>2011</b> , 4, 196-202	3.4	16
66	Semipreparative chiral supercritical fluid chromatography in the fractionation of lansoprazole and two related antiulcer drugs enantiomers. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 1307-13	3.4	16
65	Trace analysis of tiamulin in honey by liquid chromatography-diode array-electrospray ionization mass spectrometry detection. <i>Journal of Chromatography A</i> , <b>2006</b> , 1116, 102-8	4.5	16
64	Extraction of basic drugs from whole blood and determination by high performance liquid chromatography. <i>Chromatographia</i> , <b>1994</b> , 38, 617-623	2.1	16
63	Development and validation of UHPLC/MS/MS methods for determination of neonicotinoid insecticides in royal jelly-based products. <i>Journal of Food Composition and Analysis</i> , <b>2018</b> , 70, 105-113	4.1	16
62	An exposure study to assess the potential impact of fipronil in treated sunflower seeds on honey bee colony losses in Spain. <i>Pest Management Science</i> , <b>2011</b> , 67, 1320-31	4.6	15
61	Development and validation of a liquid chromatographic method for determination of lacidipine residues on surfaces in the manufacture of pharmaceuticals. <i>Journal of Chromatography A</i> , <b>2004</b> , 1024, 115-22	4.5	15
60	Analysis of anticoagulant rodenticide residues in <i>Microtus arvalis</i> tissues by liquid chromatography with diode array, fluorescence and mass spectrometry detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 925, 76-85	3.2	13
59	Influence of solvent and storage conditions on the stability of acaricide standard stock solutions. <i>Journal of Chromatography A</i> , <b>1997</b> , 765, 109-114	4.5	13
58	Detection of beeswax adulterations using concentration guide-values. <i>European Journal of Lipid Science and Technology</i> , <b>2007</b> , 109, 682-690	3	13
57	On-line solid-phase extraction coupled to supercritical fluid chromatography with diode array detection for the determination of pesticides in water. <i>Journal of Chromatography A</i> , <b>1996</b> , 754, 145-157	4.5	13
56	Use of a high-pressure Soxhlet extractor for the determination of organochlorine residues by gas chromatography. <i>Chromatographia</i> , <b>1992</b> , 34, 468-474	2.1	13
55	Fast Determination of Imidacloprid in Beeswax by Liquid Chromatography Coupled to Electrospray-Mass Spectrometry. <i>Current Analytical Chemistry</i> , <b>2013</b> , 9, 495-503	1.7	13
54	Development and validation of a LC-MS/MS method to determine sulforaphane in honey. <i>Food Chemistry</i> , <b>2015</b> , 181, 263-9	8.5	12
53	Development and validation of a liquid chromatography-tandem mass spectrometry method to determine intact glucosinolates in bee pollen. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 1000, 49-56	3.2	12
52	Identification of adulterants added to beeswax: Estimation of detectable minimum percentages. <i>European Journal of Lipid Science and Technology</i> , <b>2009</b> , 111, 902-911	3	12
51	Capillary gas chromatography with mass spectrometric and atomic emission detection for characterization and monitoring chlordimeform degradation in honey. <i>Journal of Chromatography A</i> , <b>2002</b> , 946, 247-53	4.5	12

50	Gas chromatographic determination of acrinathrine and 3-phenoxybenzaldehyde residues in honey. <i>Journal of Chromatography A</i> , <b>2000</b> , 882, 239-43	4.5	12
49	Determination of Resveratrol and Piceid Isomers in Bee Pollen by Liquid Chromatography Coupled to Electrospray Ionization-Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1565-1575	3.4	11
48	Simultaneous determination of neonicotinoid insecticides in sunflower-treated seeds (hull and kernel) by LC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2016</b> , 33, 442-51	3.2	11
47	Determination of spinosad at trace levels in bee pollen and beeswax with solid-liquid extraction and LC-ESI-MS. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 204-10	3.4	11
46	Characterization and monitoring of amitraz degradation products in honey. <i>Journal of High Resolution Chromatography</i> , <b>1997</b> , 20, 81-84		11
45	LC-ESI-MSD fast determination of residual mitomycin C in hen aqueous humour after corneal refractive surgery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 40, 100-4	3.5	11
44	Post-column derivatization of carbohydrates with ethanolamineBoric acid prior to their detection by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1992</b> , 607, 191-198	4.5	11
43	Trace analysis of flubendiamide in bee pollen using enhanced matrix removal-lipid sorbent clean-up and liquid chromatography-electrospray ionization mass spectrometry. <i>Microchemical Journal</i> , <b>2019</b> , 148, 541-547	4.8	10
42	Gas chromatography-mass spectrometry approach to study fatty acid profiles in fried potato crisps. <i>Journal of Food Composition and Analysis</i> , <b>2012</b> , 28, 31-39	4.1	10
41	Simultaneous determination of carvacrol and thymol in bee pollen by using a simple and efficient solvent extraction method and gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 181, 113124	3.5	9
40	Development and validation of a liquid chromatography with mass spectrometry method to determine resveratrol and piceid isomers in beeswax. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 197-204	3.4	8
39	Development and validation of a specific method to quantify intact glucosinolates in honey by LCMS/MS. <i>Journal of Food Composition and Analysis</i> , <b>2016</b> , 46, 114-122	4.1	8
38	Use of SPE-GC/EIMS for residue analysis in wine elaborated from musts spiked with formulations of chlorpyrifos-methyl, methiocarb, dicofol, and cyproconazol. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 547-56	3.4	8
37	Extraction Procedures for the HPLC Determination of 5-Fluorouracil in Biological Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1994</b> , 17, 1621-1636		8
36	Simultaneous determination of thiamethoxam, clothianidin, and metazachlor residues in soil by ultrahigh performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 1083-1090	3.4	7
35	An alternative method based on enzymatic fat hydrolysis to quantify volatile compounds in wheat bread crumb. <i>Food Chemistry</i> , <b>2016</b> , 206, 110-8	8.5	7
34	Effect of Temperature and Light Exposure on the Detection of Total Intact Glucosinolate Content by LC-ESI-MS in Broccoli Leaves. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 1687-1692	3.4	7
33	Liquid Chromatographic Determination of Resveratrol and Piceid Isomers in Honey. <i>Food Analytical Methods</i> , <b>2012</b> , 5, 162-171	3.4	7

32	Simultaneous determination of nine anticoagulant rodenticides in soil and water by LC-ESI-MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 2593-601	3.4	7
31	Determination of tylosins A, B, C and D in bee larvae by liquid chromatography coupled to ion trap-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 1596-604	3.2	7
30	Solubility of triamcinolone acetonide and other anti-inflammatory drugs in silicone oil: implications for Therapeutic Efficacy. <i>Retina</i> , <b>2008</b> , 28, 1247-50	3.6	7
29	Determination of impurities in pesticides and their degradation products formed during the wine-making process by solid-phase extraction and gas chromatography with detection by electron ionization mass spectrometry. II. Bromopropylate, trichlorphon, parathion-methyl and	2.2	7
28	Purpald (4-Amino-3-hydrazino-5-mercapto-1, 2, 4-triazole) as a Reagent for Post-Column Derivatization of Neutral Monosaccharides in High Pressure Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1993</b> , 16, 1105-1116		7
27	Use of methyl and ethyl acetate as organic modifiers in reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1992</b> , 607, 175-181	4.5	7
26	Determination of 5-fluorouracil in vitreous gel and liquid by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1992</b> , 607, 183-189	4.5	7
25	Trace analysis of sulforaphane in bee pollen and royal jelly by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1012-1013, 130-6	3.2	5
24	Liquid-liquid extraction followed by solid-phase extraction for the determination of lipophilic pesticides in beeswax by gas chromatography-electron-capture detection and matrix-matched calibration. <i>Journal of Chromatography A</i> , <b>2004</b> , 1048, 89-97	4.5	5
23	Determination of indium in aluminium alloys by flame atomic-absorption spectroscopy and flame atomic-emission spectrometry. <i>Talanta</i> , <b>1982</b> , 29, 1113-6	6.2	5
22	Improved Separation of Fame Isomers Using Comprehensive Two-Dimensional Gas Chromatography. Application to Broccoli Samples. <i>Food Analytical Methods</i> , <b>2012</b> , 5, 920-927	3.4	4
21	Use of deactivated fused-silica capillary precolumns in pesticide analysis by gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , <b>2001</b> , 919, 373-9	4.5	4
20	Application of HPLC mobile phase optimization methods to the detection of impurities in bulk drug steroids. <i>Chromatographia</i> , <b>1990</b> , 29, 338-346	2.1	4
19	Determination of ammonia in wine and milk with an ammonia gas-sensing probe. <i>Analyst, The</i> , <b>1986</b> , 111, 631-4	5	4
18	Simultaneous determination of spinetoram J and L in bee pollen by liquid chromatography-mass spectrometry. <i>Microchemical Journal</i> , <b>2020</b> , 154, 104546	4.8	4
17	Determination of Carvacrol and Thymol in Honey by Using a Simple and Efficient Headspace-Gas Chromatography-Mass Spectrometry Method. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 2138-2146	3.4	4
16	Effect of the Storage Conditions (Light and Temperature) on the Detection of Thiamethoxam and Clothianidin Content in Rapeseeds by LC-DAD. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 161-169	3.4	3
15	Analytical properties of the amidoxime group. XII. <i>Journal of Theoretical Biology</i> , <b>1986</b> , 31, 931-940	2.3	3

14	Simultaneous determination of betaines and other quaternary ammonium related compounds in bee pollen by hydrophilic interaction liquid chromatography-mass spectrometry. <i>Microchemical Journal</i> , <b>2020</b> , 157, 105000	4.8	3
13	Inhibition of fermentation evolution in bread doughs for aroma analyses. <i>Flavour and Fragrance Journal</i> , <b>2017</b> , 32, 461-469	2.5	2
12	Analysis of Intact Glucosinolates in Beeswax by Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 795-804	3.4	2
11	Incidence of organochlorine pesticide and PCB residues in an aquatic ecosystem of river duero in castile and Leon (Spain). <i>Toxicological and Environmental Chemistry</i> , <b>1993</b> , 39, 37-50	1.4	2
10	An indirect method for determining phosphorus in aluminium alloys by atomic-absorption spectrometry. <i>Talanta</i> , <b>1981</b> , 28, 469-72	6.2	2
9	Determination of the 2-bromomethyl-2-(2,4-dichlorophenyl)-1, 3-dioxolan-4-yl)methyl benzoate diastereoisomers by supercritical fluid chromatography. <i>Journal of Proteomics</i> , <b>2000</b> , 43, 251-60		1
8	Analytical application of ion selective electrodes for the determination of nitrates in wines. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , <b>1991</b> , 26, 305-316		1
7	Polychlorinated biphenyls analysis in sediments from Castile and Leon reservoirs. <i>Toxicological and Environmental Chemistry</i> , <b>1992</b> , 35, 137-148	1.4	1
6	Analytical properties of the amidoxime group. <i>Thermochimica Acta</i> , <b>1986</b> , 103, 259-266	2.9	1
5	Determination of Neonicotinoid Insecticides in Bee Products by Using Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Methods in Pharmacology and Toxicology</i> , <b>2022</b> , 27-52	1.1	1
4	An Optimized Extraction Procedure for Determining Acaricide Residues in Foundation Sheets of Beeswax by Using Gas Chromatography-Mass Spectrometry. <i>Agronomy</i> , <b>2021</b> , 11, 804	3.6	1
3	Analysis of herbal bioactives <b>2021</b> , 201-232		1
2	A comparative study of a number of methods for sensitive selenium determination in waters and fodder correctors. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , <b>1990</b> , 25, 391-404		
1	Analytical Methodologies for Neonicotinoid Determination in Bee Products. <i>Methods in Pharmacology and Toxicology</i> , <b>2022</b> , 65-90	1.1	