JosÃ Bernal Del Nozal

List of Publications by Year
in descending order

110	3,209	182225	206121
papers	citations	30 h-index	51 g-index

110	110	110	4345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analytical Methodologies for Neonicotinoid Determination in Bee Products. Methods in Pharmacology and Toxicology, 2022, , 65-90.	0.1	1
2	Determination of Neonicotinoid Insecticides in Bee Products by Using Ultra-High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Methods in Pharmacology and Toxicology, 2022, , 27-52.	0.1	2
3	Determination of Free Amino Acids in Bee Pollen by Liquid Chromatography with Fluorescence Detection. Food Analytical Methods, 2022, 15, 2172-2180.	1.3	5
4	Recent trends in the analysis of honey constituents. Food Chemistry, 2022, 387, 132920.	4.2	35
5	Effects of Thiamethoxam-Dressed Oilseed Rape Seeds and Nosema ceranae on Colonies of Apis mellifera iberiensis, L. under Field Conditions of Central Spain. Is Hormesis Playing a Role?. Insects, 2022, 13, 371.	1.0	2
6	Glucosinolates as Markers of the Origin and Harvesting Period for Discrimination of Bee Pollen by UPLC-MS/MS. Foods, 2022, 11, 1446.	1.9	7
7	An Optimized Extraction Procedure for Determining Acaricide Residues in Foundation Sheets of Beeswax by Using Gas Chromatography-Mass Spectrometry. Agronomy, 2021, 11, 804.	1.3	9
8	A Case Report of Chronic Stress in Honey Bee Colonies Induced by Pathogens and Acaricide Residues. Pathogens, 2021, 10, 955.	1.2	8
9	Residual Tau-Fluvalinate in Honey Bee Colonies Is Coupled with Evidence for Selection for Varroa destructor Resistance to Pyrethroids. Insects, 2021, 12, 731.	1.0	13
10	Supercritical fluid chromatography coupled to mass spectrometry: A valuable tool in food analysis. TrAC - Trends in Analytical Chemistry, 2021, 143, 116350.	5.8	13
11	Analysis of herbal bioactives. , 2021, , 201-232.		2
12	Development and validation of a new method for the simultaneous determination of spinetoram J and L in honey from different botanical origins employing solid-phase extraction with a polymeric sorbent and liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. Food Research International, 2020, 130, 108904.	2.9	5
13	Simultaneous determination of spinetoram J and L in bee pollen by liquid chromatography-mass spectrometry. Microchemical Journal, 2020, 154, 104546.	2.3	4
14	Simultaneous determination of betaines and other quaternary ammonium related compounds in bee pollen by hydrophilic interaction liquid chromatography-mass spectrometry. Microchemical Journal, 2020, 157, 105000.	2.3	6
15	Determination of Carvacrol and Thymol in Honey by Using a Simple and Efficient Headspace-Gas Chromatography-Mass Spectrometry Method. Food Analytical Methods, 2020, 13, 2138-2146.	1.3	6
16	Differentiation of bee pollen samples according to their intact-glucosinolate content using canonical discriminant analysis. LWT - Food Science and Technology, 2020, 129, 109559.	2.5	7
17	Simultaneous determination of carvacrol and thymol in bee pollen by using a simple and efficient solvent extraction method and gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 181, 113124.	1.4	13
18	Improved Separation of Intact Glucosinolates in Bee Pollen by Using Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole Time-of-Flight Mass Spectrometry. Food Analytical Methods, 2019, 12, 1170-1178.	1.3	10

#	Article	IF	Citations
19	Effect of rice, pea, egg white and whey proteins on crust quality of rice flour-corn starch based gluten-free breads. Journal of Cereal Science, 2019, 86, 92-101.	1.8	54
20	Trace analysis of flubendiamide in bee pollen using enhanced matrix removal-lipid sorbent clean-up and liquid chromatography-electrospray ionization mass spectrometry. Microchemical Journal, 2019, 148, 541-547.	2.3	13
21	Selection of the most suitable mixture of flours and starches for the improvement of gluten-free breads through their volatile profiles. European Food Research and Technology, 2019, 245, 1755-1766.	1.6	9
22	Determination of Free Amino Acids in Stingless Bee (Meliponinae) Honey. Food Analytical Methods, 2019, 12, 902-907.	1.3	24
23	Analysis of volatile compounds in gluten-free bread crusts with an optimised and validated SPME-GC/QTOF methodology. Food Research International, 2018, 106, 686-695.	2.9	30
24	Comparison of different extraction methodologies for the analysis of volatile compounds in gluten-free flours and corn starch by GC/QTOF. Food Chemistry, 2018, 267, 303-312.	4.2	22
25	Effect of the Storage Conditions (Light and Temperature) on the Detection of Thiamethoxam and Clothianidin Content in Rapeseeds by LC-DAD. Food Analytical Methods, 2018, 11, 161-169.	1.3	4
26	Extraction and determination of bioactive compounds from bee pollen. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 110-124.	1.4	146
27	Analytical feasibility of a solventâ€assisted flavour evaporation method for aroma analyses in bread crumb. Journal of Separation Science, 2018, 41, 3902-3909.	1.3	5
28	Development and validation of UHPLCâ€“MS/MS methods for determination of neonicotinoid insecticides in royal jelly-based products. Journal of Food Composition and Analysis, 2018, 70, 105-113.	1.9	20
29	Analysis of volatile organic compounds in crumb and crust of different baked and toasted glutenâ€free breads by direct PTRâ€ToFâ€MS and fastâ€GCâ€PTRâ€ToFâ€MS. Journal of Mass Spectrometry, 2018, 53, 893-902.	0.7	16
30	Polymeric stationary phases based on poly(butylene terephthalate) and poly(4-vinylpirydine) in the analysis of polyphenols using supercritical fluid chromatography. Application to bee pollen. Journal of Chromatography A, 2018, 1572, 128-136.	1.8	10
31	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. Microchemical Journal, 2018, 142, 70-77.	2.3	24
32	Development and validation of ultra high performance-liquid chromatographyâ€“tandem mass spectrometry based methods for the determination of neonicotinoid insecticides in honey. Food Chemistry, 2018, 266, 215-222.	4.2	33
33	Evolution of volatile compounds in gluten-free bread: From dough to crumb. Food Chemistry, 2017, 227, 179-186.	4.2	32
34	Determination of flubendiamide in honey at trace levels by using solid phase extraction and liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. Food Chemistry, 2017, 232, 169-176.	4.2	21
35	Impact of frozen storage time on the volatile profile of wheat bread crumb. Food Chemistry, 2017, 232, 185-190.	4.2	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. Journal of Separation Science, 2017, 40, 1083-1090.	1.3	11

#	Article	IF	Citations
37	Inhibition of fermentation evolution in bread doughs for aroma analyses. Flavour and Fragrance Journal, 2017, 32, 461-469.	1.2	2
38	Applications to Food Analysis. , 2017, , 495-514.		2
39	Risk factors associated with honey bee colony loss in apiaries in Galicia, NW Spain. Spanish Journal of Agricultural Research, 2017, 15, e0501.	0.3	13
40	Fast determination of neonicotinoid insecticides in bee pollen using QuEChERS and ultraâ€high performance liquid chromatography coupled to quadrupole timeâ€ofâ€flight mass spectrometry. Electrophoresis, 2016, 37, 2470-2477.	1.3	31
41	Analysis of Intact Glucosinolates in Beeswax by Liquid Chromatography Tandem Mass Spectrometry. Food Analytical Methods, 2016, 9, 795-804.	1.3	3
42	Optimisation of the Supercritical Fluid Extraction of Antioxidants from Broccoli Leaves. Food Analytical Methods, 2016, 9, 2174-2181.	1.3	17
43	Development and validation of a specific method to quantify intact glucosinolates in honey by LCâ€“MS/MS. Journal of Food Composition and Analysis, 2016, 46, 114-122.	1.9	11
44	Trace analysis of sulforaphane in bee pollen and royal jelly by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1012-1013, 130-136.	1.2	8
45	Analytical methods for volatile compounds in wheat bread. Journal of Chromatography A, 2016, 1428, 55-71.	1.8	29
46	Passive laboratory surveillance in Spain: pathogens as risk factors for honey bee colony collapse. Journal of Apicultural Research, 2015, 54, 525-531.	0.7	10
47	Determination of Resveratrol and Piceid Isomers in Bee Pollen by Liquid Chromatography Coupled to Electrospray Ionization-Mass Spectrometry. Food Analytical Methods, 2015, 8, 1565-1575.	1.3	14
48	Wheat bread aroma compounds in crumb and crust: A review. Food Research International, 2015, 75, 200-215.	2.9	268
49	Development and validation of a LCâ€“MS/MS method to determine sulforaphane in honey. Food Chemistry, 2015, 181, 263-269.	4.2	17
50	Development and validation of a liquid chromatography-tandem mass spectrometry method to determine intact glucosinolates in bee pollen. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1000, 49-56.	1.2	16
51	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. Food Research International, 2015, 76, 498-505.	2.9	24
52	Development and validation of a liquid chromatography with mass spectrometry method to determine resveratrol and piceid isomers in beeswax. Journal of Separation Science, 2015, 38, 197-204.	1.3	8
53	Determination of spinosad at trace levels in bee pollen and beeswax with solid-liquid extraction and LC-ESI-MS. Journal of Separation Science, 2014, 37, 204-210.	1.3	12
54	Holistic screening of collapsing honey bee colonies in Spain: a case study. BMC Research Notes, 2014, 7, 649.	0.6	72

#	Article	IF	Citations
55	Trace Analysis of Seven Neonicotinoid Insecticides in Bee Pollen by Solidâ€“Liquid Extraction and Liquid Chromatography Coupled to Electrospray Ionization Mass Spectrometry. Food Analytical Methods, 2014, 7, 490-499.	1.3	33
56	Effect of Temperature and Light Exposure on the Detection of Total Intact Glucosinolate Content by LC-ESI-MS in Broccoli Leaves. Food Analytical Methods, 2014, 7, 1687-1692.	1.3	8
57	Optimized Formation, Extraction, and Determination of Sulforaphane in Broccoli by Liquid Chromatography with Diode Array Detection. Food Analytical Methods, 2014, 7, 730-740.	1.3	31
58	Effects of organic modifier and temperature on the enantiomeric separation of several azole drugs using supercritical fluid chromatography and the Chiralpak AD column. Biomedical Chromatography, 2014, 28, 152-158.	0.8	32
59	Optimized extraction, separation and quantification of twelve intact glucosinolates in broccoli leaves. Food Chemistry, 2014, 152, 66-74.	4.2	44
60	Capillary electrophoresisâ€“mass spectrometry as a new approach to analyze neonicotinoid insecticides. Journal of Chromatography A, 2014, 1359, 317-324.	1.8	45
61	Comprehensive twoâ€dimensional gas chromatography coupled with static headspace sampling to analyze volatile compounds: Application to almonds. Journal of Separation Science, 2014, 37, 675-683.	1.3	24
62	Extraction, chemical characterization and biological activity determination of broccoli health promoting compounds. Journal of Chromatography A, 2013, 1313, 78-95.	1.8	87
63	Simultaneous determination of nine anticoagulant rodenticides in soil and water by <scp>LC</scp>â€“<scp>ESI</scp>â€<scp>MS</scp>. Journal of Separation Science, 2013, 36, 2593-2601.	1.3	10
64	Analysis of anticoagulant rodenticide residues in Microtus arvalis tissues by liquid chromatography with diode array, fluorescence and mass spectrometry detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 925, 76-85.	1.2	15
65	Determination of seven neonicotinoid insecticides in beeswax by liquid chromatography coupled to electrospray-mass spectrometry using a fused-core column. Journal of Chromatography A, 2013, 1285, 110-117.	1.8	74
66	Fast Determination of Imidacloprid in Beeswax by Liquid Chromatography Coupled to Electrospray-Mass Spectrometry. Current Analytical Chemistry, 2013, 9, 495-503.	0.6	13
67	Liquid chromatography coupled to ion trap-tandem mass spectrometry to evaluate juvenile hormone III levels in bee hemolymph from Nosema spp. infected colonies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 899, 146-153.	1.2	23
68	Supercritical fluid extraction of free amino acids from broccoli leaves. Journal of Chromatography A, 2012, 1250, 49-53.	1.8	37
69	Gas chromatographyâ€“mass spectrometry approach to study fatty acid profiles in fried potato crisps. Journal of Food Composition and Analysis, 2012, 28, 31-39.	1.9	10
70	Development and Application of a Liquid Chromatographyâ€“Mass Spectrometry Method To Evaluate the Glyphosate and Aminomethylphosphonic Acid Dissipation in Maize Plants after Foliar Treatment. Journal of Agricultural and Food Chemistry, 2012, 60, 4017-4025.	2.4	37
71	Improved Separation of Fame Isomers Using Comprehensive Two-Dimensional Gas Chromatography. Application to Broccoli Samples. Food Analytical Methods, 2012, 5, 920-927.	1.3	4
72	Hydrophilic interaction chromatography in drug analysis. Open Chemistry, 2012, 10, 534-553.	1.0	11

#	Article	IF	Citations
73	Liquid Chromatographic Determination of Resveratrol and Piceid Isomers in Honey. Food Analytical Methods, 2012, 5, 162-171.	1.3	9
74	Hydrophilic interaction liquid chromatography in food analysis. Journal of Chromatography A, 2011, 1218, 7438-7452.	1.8	107
75	Simultaneous determination of tryptophan, kynurenine, kynurenic and xanthurenic acids in honey by liquid chromatography with diode array, fluorescence and tandem mass spectrometry detection. Journal of Chromatography A, 2011, 1218, 7592-7600.	1.8	29
76	Comprehensive two-dimensional gas chromatography with capillary flow modulation to separate FAME isomers. Journal of Chromatography A, 2011, 1218, 4952-4959.	1.8	32
77	The stability and effectiveness of fumagillin in controlling Nosema ceranae (Microsporidia) infection in honey bees (Apis mellifera) under laboratory and field conditions. Apidologie, 2011, 42, 364-377.	0.9	80
78	Sequential Supercritical Fluid Extraction of Lipids. Application to the Obtention of the Fatty Acid Profile of Some Genetically Modified Varieties of Corn. Food Analytical Methods, 2011, 4, 196-202.	1.3	16
79	Fast Screening Method to Determine Hopâ€™s Phytoestrogens in Beer. Food Analytical Methods, 2011, 4, 416-423.	1.3	4
80	An exposure study to assess the potential impact of fipronil in treated sunflower seeds on honey bee colony losses in Spain. Pest Management Science, 2011, 67, 1320-1331.	1.7	15
81	Supercritical fluid extraction of lipids from broccoli leaves. European Journal of Lipid Science and Technology, 2011, 113, 479-486.	1.0	25
82	Study of the enantiomeric separation of an acetamide intermediate by using supercritical fluid chromatography and several polysaccharide based chiral stationary phases. Journal of Chromatography A, 2011, 1218, 4886-4891.	1.8	30
83	Advanced analysis of nutraceuticals. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 758-774.	1.4	231
84	Determination of tylosins A, B, C and D in bee larvae by liquid chromatography coupled to ion trap-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1596-1604.	1.2	11
85	Development and validation of a liquid chromatographyâ€“fluorescenceâ€“mass spectrometry method to measure glyphosate and aminomethylphosphonic acid in rat plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 3290-3296.	1.2	42
86	Connections between structure and performance of four cationic copolymers used as physically adsorbed coatings in capillary electrophoresis. Journal of Chromatography A, 2010, 1217, 7586-7592.	1.8	11
87	Overview of Pesticide Residues in Stored Pollen and Their Potential Effect on Bee Colony (Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	98
88	A preliminary study of the epidemiological factors related to honey bee colony loss in Spain. Environmental Microbiology Reports, 2010, 2, 243-250.	1.0	105
89	Short communication. The detection of Israeli Acute Paralysis virus (IAPV), fipronil and imidacloprid in professional apiaries are not related with massive honey bee colony loss in Spain. Spanish Journal of Agricultural Research, 2010, 8, 658.	0.3	11
90	Poly(N,Nâ€dimethylacrylamideâ€coâ€4â€(ethyl)â€morpholine methacrylamide) copolymer as coating for CE. Journal of Separation Science, 2009, 32, 605-612.	2.3	19

#	Article	IF	Citations
91	A new and simple method to determine trace levels of sulfonamides in honey by high performance liquid chromatography with fluorescence detection. Journal of Chromatography A, 2009, 1216, 7275-7280.	1.8	41
92	Multidimensional chromatography in food analysis. Journal of Chromatography A, 2009, 1216, 7110-7129.	1.8	99
93	Profile and relative concentrations of fatty acids in corn and soybean seeds from transgenic and isogenic crops. Journal of Chromatography A, 2009, 1216, 7288-7295.	1.8	35
94	Trace analysis of fumagillin in honey by liquid chromatography-diode arrayâ€“electrospray ionization mass spectrometry. Journal of Chromatography A, 2008, 1190, 224-231.	1.8	26
95	Fast and easy coating for capillary electrophoresis based on a physically adsorbed cationic copolymer. Journal of Chromatography A, 2008, 1204, 104-109.	1.8	29
96	Detection of beeswax adulterations using concentration guide-values. European Journal of Lipid Science and Technology, 2007, 109, 682-690.	1.0	24
97	Use of SPE-GC/EIMS for residue analysis in wine elaborated from musts spiked with formulations of chlorpyriphos-methyl, methiocarb, dicofol, and cyproconazol. Journal of Separation Science, 2007, 30, 547-556.	1.3	10
98	Persistence and degradation of metalaxyl, lindane, fenvalerate and deltamethrin during the wine making process. Food Chemistry, 2007, 104, 216-223.	4.2	31
99	Presence of mitomycin-C in the anterior chamber after photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2006, 32, 67-71.	0.7	55
100	Trace analysis of tiamulin in honey by liquid chromatographyâ€“diode arrayâ€“electrospray ionization mass spectrometry detection. Journal of Chromatography A, 2006, 1116, 102-108.	1.8	20
101	Sample preparation methods for beeswax characterization by gas chromatography with flame ionization detection. Journal of Chromatography A, 2006, 1129, 262-272.	1.8	32
102	LC-ESI-MSD fast determination of residual mitomycin C in hen aqueous humour after corneal refractive surgery. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 100-104.	1.4	13
103	Trace analysis of antibacterial tylosin A, B, C and D in honey by liquid chromatography-electrospray ionization-mass spectrometry. Journal of Separation Science, 2006, 29, 405-413.	1.3	15
104	Determination of azolic fungicides in wine by solid-phase extraction and high-performance liquid chromatographyâ€“atmospheric pressure chemical ionizationâ€“mass spectrometry. Journal of Chromatography A, 2005, 1076, 90-96.	1.8	57
105	Quality assurance of commercial beeswax. Journal of Chromatography A, 2004, 1024, 147-154.	1.8	48
106	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 impact mass spectrometry. I. Vinclozoline, procymidone and fenitrothion. Rapid Communications in Mass Spectrometry, 2004, 18, 657-663.	0.7	11
107	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, para. Rapid Communications in Mass Spectrometry, 2004, 18, 2629-2636.	0.7	8
108	Quality assurance of commercial beeswax. Journal of Chromatography A, 2003, 1007, 101-116.	1.8	38

#	Article	IF	Citations
109	Results of the use of Kahoot! gamification tool in a course of Chemistry. , 0, , .		17
110	BYOD as a gamification tool for improving learning of an experimental subject in Chemistry Degree. , 0, , .		0