

# Ana MarÃ-a Ares SacristÃ;n

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1615171/publications.pdf>

Version: 2024-02-01

42  
papers

849  
citations

567247

15  
h-index

501174

28  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and determination of bioactive compounds from bee pollen. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 110-124.	2.8	146
2	Hydrophilic interaction liquid chromatography in food analysis. <i>Journal of Chromatography A</i> , 2011, 1218, 7438-7452.	3.7	107
3	Extraction, chemical characterization and biological activity determination of broccoli health promoting compounds. <i>Journal of Chromatography A</i> , 2013, 1313, 78-95.	3.7	87
4	Optimized extraction, separation and quantification of twelve intact glucosinolates in broccoli leaves. <i>Food Chemistry</i> , 2014, 152, 66-74.	8.2	44
5	Recent trends in the analysis of honey constituents. <i>Food Chemistry</i> , 2022, 387, 132920.	8.2	35
6	Optimized Formation, Extraction, and Determination of Sulforaphane in Broccoli by Liquid Chromatography with Diode Array Detection. <i>Food Analytical Methods</i> , 2014, 7, 730-740.	2.6	31
7	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> , 2011, 1218, 7592-7600.	3.7	29
8	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> , 2015, 76, 498-505.	6.2	24
9	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> , 2018, 142, 70-77.	4.5	24
10	Determination of Free Amino Acids in Stingless Bee ( <i>Meliponinae</i> ) Honey. <i>Food Analytical Methods</i> , 2019, 12, 902-907.	2.6	24
11	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> , 2012, 899, 146-153.	2.3	23
12	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> , 2017, 232, 169-176.	8.2	21
13	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> , 2018, 70, 105-113.	3.9	20
14	Development and validation of a LC-MS/MS method to determine sulforaphane in honey. <i>Food Chemistry</i> , 2015, 181, 263-269.	8.2	17
15	Results of the use of Kahoot! gamification tool in a course of Chemistry. , 0, , .		17
16	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> , 2015, 1000, 49-56.	2.3	16
17	Determination of Resveratrol and Piceid Isomers in Bee Pollen by Liquid Chromatography Coupled to Electrospray Ionization-Mass Spectrometry. <i>Food Analytical Methods</i> , 2015, 8, 1565-1575.	2.6	14
18	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> , 2019, 148, 541-547.	4.5	13

#	ARTICLE	IF	CITATIONS
19	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> , 2020, 181, 113124.	2.8	13
20	Supercritical fluid chromatography coupled to mass spectrometry: A valuable tool in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116350.	11.4	13
21	Hydrophilic interaction chromatography in drug analysis. <i>Open Chemistry</i> , 2012, 10, 534-553.	1.9	11
22	Development and validation of a specific method to quantify intact glucosinolates in honey by LC-MS/MS. <i>Journal of Food Composition and Analysis</i> , 2016, 46, 114-122.	3.9	11
23	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> , 2017, 40, 1083-1090.	2.5	11
24	Polymeric stationary phases based on poly(butylene terephthalate) and poly(4-vinylpyridine) in the analysis of polyphenols using supercritical fluid chromatography. Application to bee pollen. <i>Journal of Chromatography A</i> , 2018, 1572, 128-136.	3.7	10
25	Improved Separation of Intact Glucosinolates in Bee Pollen by Using Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole Time-of-Flight Mass Spectrometry. <i>Food Analytical Methods</i> , 2019, 12, 1170-1178.	2.6	10
26	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> , 2014, 7, 1687-1692.	2.6	8
27	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> , 2015, 38, 197-204.	2.5	8
28	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> , 2016, 1012-1013, 130-136.	2.3	8
29	Differentiation of bee pollen samples according to their intact-glucosinolate content using canonical discriminant analysis. <i>LWT - Food Science and Technology</i> , 2020, 129, 109559.	5.2	7
30	Glucosinolates as Markers of the Origin and Harvesting Period for Discrimination of Bee Pollen by UPLC-MS/MS. <i>Foods</i> , 2022, 11, 1446.	4.3	7
31	Simultaneous determination of betaines and other quaternary ammonium related compounds in bee pollen by hydrophilic interaction liquid chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2020, 157, 105000.	4.5	6
32	Determination of Carvacrol and Thymol in Honey by Using a Simple and Efficient Headspace-Gas Chromatography-Mass Spectrometry Method. <i>Food Analytical Methods</i> , 2020, 13, 2138-2146.	2.6	6
33	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. <i>Food Research International</i> , 2020, 130, 108904.	6.2	5
34	Determination of Free Amino Acids in Bee Pollen by Liquid Chromatography with Fluorescence Detection. <i>Food Analytical Methods</i> , 2022, 15, 2172-2180.	2.6	5
35	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> , 2018, 11, 161-169.	2.6	4
36	Simultaneous determination of spinetoram J and L in bee pollen by liquid chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2020, 154, 104546.	4.5	4

#	ARTICLE	IF	CITATIONS
37	Analysis of Intact Glucosinolates in Beeswax by Liquid Chromatography Tandem Mass Spectrometry. Food Analytical Methods, 2016, 9, 795-804.	2.6	3
38	Applications to Food Analysis. , 2017, , 495-514.		2
39	Analysis of herbal bioactives. , 2021, , 201-232.		2
40	Determination of Neonicotinoid Insecticides in Bee Products by Using Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. Methods in Pharmacology and Toxicology, 2022, , 27-52.	0.2	2
41	Analytical Methodologies for Neonicotinoid Determination in Bee Products. Methods in Pharmacology and Toxicology, 2022, , 65-90.	0.2	1
42	BYOD as a gamification tool for improving learning of an experimental subject in Chemistry Degree. , 0, , .		0