

# Rosa Ana Perez

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,882  
citations

279798

23  
h-index

254184

43  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of herbicide residues in cereals, fruits and vegetables. Journal of Chromatography A, 2000, 882, 175-191.	3.7	135
2	Amino Acid Composition and Antioxidant Capacity of Spanish Honeys. Journal of Agricultural and Food Chemistry, 2007, 55, 360-365.	5.2	131
3	Persistence and availability of veterinary antibiotics in soil and soil-manure systems. Science of the Total Environment, 2018, 643, 1562-1570.	8.0	124
4	Analysis of Volatiles from Spanish Honeys by Solid-Phase Microextraction and Gas Chromatography–Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2002, 50, 2633-2637.	5.2	121
5	Antioxidant capacity of Spanish honeys and its correlation with polyphenol content and other physicochemical properties. Journal of the Science of Food and Agriculture, 2007, 87, 1069-1075.	3.5	110
6	Occurrence and analysis of parabens in municipal sewage sludge from wastewater treatment plants in Madrid (Spain). Journal of Hazardous Materials, 2012, 239-240, 48-55.	12.4	96
7	Composition and Antioxidant Activity of <i>Trigona carbonaria</i> Honey from Australia. Journal of Medicinal Food, 2008, 11, 789-794.	1.5	93
8	Ultrasound-assisted extraction of organic contaminants. TrAC - Trends in Analytical Chemistry, 2019, 118, 739-750.	11.4	82
9	Ultrasound-assisted extraction of emerging contaminants from environmental samples. TrAC - Trends in Analytical Chemistry, 2015, 71, 110-118.	11.4	64
10	Determination of parabens and endocrine-disrupting alkylphenols in soil by gas chromatography–mass spectrometry following matrix solid-phase dispersion or in-column microwave-assisted extraction: a comparative study. Analytical and Bioanalytical Chemistry, 2012, 402, 2347-2357.	3.7	62
11	Determination of selected organic contaminants in soil by pressurized liquid extraction and gas chromatography tandem mass spectrometry with in situ derivatization. Journal of Chromatography A, 2012, 1248, 9-17.	3.7	59
12	Determination of cereal herbicide residues in environmental samples by gas chromatography. Journal of Chromatography A, 1996, 754, 347-365.	3.7	58
13	Multiresidue herbicide analysis in soil samples by means of extraction in small columns and gas chromatography with nitrogen–phosphorus and mass spectrometric detection. Journal of Chromatography A, 1998, 823, 17-24.	3.7	50
14	Review of Sample Preparation Techniques for the Analysis of Pesticide Residues in Soil. Journal of AOAC INTERNATIONAL, 2012, 95, 1258-1271.	1.5	45
15	Analytical Methods for the Determination in Soil of Herbicides Used in Forestry by GC–NPD and GC/MS. Journal of Agricultural and Food Chemistry, 1998, 46, 1864-1869.	5.2	40
16	Analysis of natural-occurring and synthetic sexual hormones in sludge-amended soils by matrix solid-phase dispersion and isotope dilution gas chromatography–tandem mass spectrometry. Journal of Chromatography A, 2013, 1283, 39-45.	3.7	35
17	Analysis of macrolide antibiotics in water by magnetic solid-phase extraction and liquid chromatography–tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2017, 146, 79-85.	2.8	35
18	Dihydroxynitrobenzaldehydes and hydroxymethoxynitrobenzaldehydes: synthesis and biological activity as catechol-O-methyltransferase inhibitors. Journal of Medicinal Chemistry, 1992, 35, 4584-4588.	6.4	33

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19	Analysis of emerging organic contaminants in environmental solid samples. <i>Open Chemistry</i> , 2012, 10, 480-520.	1.9	32
20	Joint effects of zinc oxide nanoparticles and chlorpyrifos on the reproduction and cellular stress responses of the earthworm <i>Eisenia andrei</i> . <i>Science of the Total Environment</i> , 2019, 688, 199-207.	8.0	31
21	Electroanalytical Approach to Evaluate Antioxidant Capacity in Honeys: Proposal of an Antioxidant Index. <i>Electroanalysis</i> , 2006, 18, 1821-1826.	2.9	30
22	Determination of endocrine-disrupting compounds in water samples by magnetic nanoparticle-assisted dispersive liquid-liquid microextraction combined with gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8013-8023.	3.7	26
23	HS-SPME analysis of the volatile compounds from spices as a source of flavour in "Campo Real" table olive preparations. <i>Flavour and Fragrance Journal</i> , 2007, 22, 265-273.	2.6	25
24	Analysis of endosulfan isomers and endosulfan sulfate in air and tomato leaves by gas chromatography with electron-capture detection and confirmation by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 947, 119-127.	3.7	23
25	Application of magnetic iron oxide nanoparticles for the analysis of PCBs in water and soil leachates by gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1913-1924.	3.7	23
26	Oleate functionalized magnetic nanoparticles as sorbent for the analysis of polychlorinated biphenyls in juices. <i>Mikrochimica Acta</i> , 2016, 183, 157-165.	5.0	22
27	Rapid multiresidue determination of bisphenol analogues in soil with on-line derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4571-4580.	3.7	21
28	SPME analysis of volatile compounds from unfermented olives subjected to thermal treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 812-817.	3.7	19
29	Development of a Structured Sensory Honey Analysis: Application to Artisanal Madrid Honeys. <i>Food Science and Technology International</i> , 2010, 16, 19-29.	2.2	19
30	Rapid determination of antibiotic residues in cereals by liquid chromatography triple mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6129-6139.	3.7	19
31	Inhibition of catechol-O-methyltransferase by 1-vinyl derivatives of nitrocatechols and nitroguaiacols. <i>Biochemical Pharmacology</i> , 1993, 45, 1973-1981.	4.4	18
32	In Vitro Antioxidant and Antimicrobial Activities of Spanish Honeys. <i>International Journal of Food Properties</i> , 2008, 11, 727-737.	3.0	17
33	Analysis of Steroid Hormones in Water Using Palmitate-Coated Magnetite Nanoparticles Solid-Phase Extraction and Gas Chromatography-Tandem Mass Spectrometry. <i>Chromatographia</i> , 2014, 77, 837-843.	1.3	17
34	SENSORY ATTRIBUTES AND ANTIOXIDANT CAPACITY OF SPANISH HONEYS. <i>Journal of Sensory Studies</i> , 2008, 23, 293-302.	1.6	16
35	A Rapid Procedure for the Determination of C60 and C70 Fullerenes in Soil and Sediments by Ultrasound-assisted Extraction and HPLC-UV. <i>Analytical Sciences</i> , 2013, 29, 533-538.	1.6	15
36	Determination of PAHs in soil leachates by magnetic solid-phase extraction using nanoparticles and gas chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 1941.	2.7	14

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37	Analysis of emerging organic contaminants in poultry manure by gas chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 940-947.	2.5	13
38	Analysis of Multiclass Antibiotics in Lettuce by Liquid Chromatography-Tandem Mass Spectrometry to Monitor Their Plant Uptake. <i>Molecules</i> , 2019, 24, 4066.	3.8	13
39	Gas chromatography-triple-quadrupole mass spectrometry for analysis of selected polyhalogenated pollutants in plants. Comparison of extraction methods. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 389-400.	3.7	11
40	Determination of Emerging Contaminants in Cereals by Gas Chromatography-Tandem Mass Spectrometry. <i>Frontiers in Chemistry</i> , 2020, 8, 571668.	3.6	11
41	Regio- and stereoselective electrophilic additions to and -2-hydroxy-2-methyl-7-oxabicyclo[2.2.1]hept-5-ene. <i>Tetrahedron Letters</i> , 1987, 28, 5549-5550.	1.4	10
42	Kinetics of the Reversible Tight-Binding Inhibition of Pig Liver Catechol-O-Methyltransferase by [2-(3,4-Dihydroxy-2-Nitrophenyl) Vinyl] Phenyl Ketone. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1994, 8, 123-131.	0.5	10
43	Determination of thiazopyr residues in soil and plants by gas chromatography with nitrogen-phosphorus detection and confirmation by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1997, 778, 193-199.	3.7	10
44	Analysis of pesticides volatilised from plants and soil by headspace solid-phase microextraction and gas chromatography. <i>Chromatographia</i> , 2001, 53, S361-S365.	1.3	10
45	Simultaneous Determination of 15 Mycotoxins in Aquaculture Feed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Toxins</i> , 2022, 14, 316.	3.4	10
46	New functionalizations of oxanorbornenic systems via 1,3-dipolar. <i>Tetrahedron</i> , 1988, 44, 7199-7204.	1.9	5
47	Quality Assessment of Three Industry-Derived Organic Amendments for Agricultural Use. <i>Compost Science and Utilization</i> , 2016, 24, 190-202.	1.2	5
48	Matrix solid phase dispersion. , 2020, , 531-549.		5
49	Sensory assessment of table olives: II. Practical application and correlation with instrumental analysis. <i>Grasas Y Aceites</i> , 2007, 58, .	0.9	3
50	SPME Analysis of Potential Attractants for Palm Weevils. <i>International Journal of Environmental Analytical Chemistry</i> , 2001, 79, 229-240.	3.3	2
51	Determination of chlorinated toluenes in soils using gas chromatography tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1666-1678.	3.3	2
52	Sensory assessment of table olive: I. Set up of a panel test and use of standarised scales. <i>Grasas Y Aceites</i> , 2007, 58, .	0.9	2