

# Juan Jose Jimenez

## List of Publications by Year in descending order

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81  
papers

3,049  
citations

159525  
30  
h-index

175177  
52  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3115  
citing authors

#	ARTICLE	IF	CITATIONS
1	How natural infection by <i>Nosema ceranae</i> causes honeybee colony collapse. Environmental Microbiology, 2008, 10, 2659-2669.	1.8	570
2	Variability of brewer's spent grain within a brewery. Food Chemistry, 2003, 80, 17-21.	4.2	216
3	Overview of Pesticide Residues in Stored Pollen and Their Potential Effect on Bee Colony (Apis Tj ETQq1 1 0.784314 rgBT /Overlock 100)	0.8	98
4	Analysis of pesticide residues in wine by solid-phase extraction and gas chromatography with electron capture and nitrogen-phosphorus detection. Journal of Chromatography A, 2001, 919, 147-156.	1.8	83
5	High-performance liquid chromatographic determination of methyl anthranilate, hydroxymethylfurfural and related compounds in honey. Journal of Chromatography A, 2001, 917, 95-103.	1.8	71
6	Solid-phase microextraction applied to the analysis of pesticide residues in honey using gas chromatography with electron-capture detection. Journal of Chromatography A, 1998, 829, 269-277.	1.8	66
7	Chemical pollution in inland shallow lakes in the Mediterranean region (NW Spain): PAHs, insecticides and herbicides in water and sediments. Science of the Total Environment, 2016, 544, 797-810.	3.9	62
8	Extraction of thymol, eucalyptol, menthol, and camphor residues from honey and beeswax. Journal of Chromatography A, 2002, 954, 207-215.	1.8	59
9	Determination of azolic fungicides in wine by solid-phase extraction and high-performance liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. Journal of Chromatography A, 2005, 1076, 90-96.	1.8	57
10	Comparative study of the enantioselective separation of several antiulcer drugs by high-performance liquid chromatography and supercritical fluid chromatography. Journal of Chromatography A, 2005, 1091, 118-123.	1.8	56
11	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. Journal of Chromatography A, 1997, 778, 289-300.	1.8	54
12	Determination of rotenone residues in raw honey by solid-phase extraction and high-performance liquid chromatography. Journal of Chromatography A, 2000, 871, 67-73.	1.8	53
13	Pentoses and Hydroxycinnamic Acids in Brewer's Spent Grain. Journal of Cereal Science, 2002, 36, 51-58.	1.8	51
14	Gas chromatography with electron-capture and nitrogen-phosphorus detection in the analysis of pesticides in honey after elution from a Florisil column. Journal of Chromatography A, 1998, 823, 381-387.	1.8	49
15	Quality assurance of commercial beeswax. Journal of Chromatography A, 2004, 1024, 147-154.	1.8	48
16	Enantiomeric separation of several antimycotic azole drugs using supercritical fluid chromatography. Journal of Chromatography A, 2007, 1144, 255-261.	1.8	48
17	High-performance liquid chromatographic determination of benomyl and carbendazim residues in apiarian samples. Journal of Chromatography A, 1997, 787, 129-136.	1.8	45
18	Physico-chemical parameters for the characterization of pure beeswax and detection of adulterations. European Journal of Lipid Science and Technology, 2005, 107, 158-166.	1.0	44

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19	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> , 1997, 778, 111-117.	1.8	43
20	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> , 2009, 1216, 7275-7280.	1.8	41
21	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> , 2001, 921, 305-313.	1.8	40
22	Enantiomeric separation of chiral sulfoxides by supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1363-1372.	1.3	40
23	Photobioreactors based on microalgae-bacteria and purple phototrophic bacteria consortia: A promising technology to reduce the load of veterinary drugs from piggery wastewater. <i>Science of the Total Environment</i> , 2019, 692, 259-266.	3.9	40
24	Determination of free molecular phenolics and catechins in wine by solid phase extraction on polymeric cartridges and liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , 2004, 1049, 97-105.	1.8	39
25	Multidetermination of PCBs and pesticides by use of a dual GC column-dual detector system. <i>Chromatographia</i> , 1992, 33, 67-76.	0.7	38
26	Quality assurance of commercial beeswax. <i>Journal of Chromatography A</i> , 2003, 1007, 101-116.	1.8	38
27	Chiral separation of omeprazole and several related benzimidazoles using supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2004, 27, 1023-1029.	1.3	37
28	Residues of organic contaminants in beeswax. <i>European Journal of Lipid Science and Technology</i> , 2005, 107, 896-902.	1.0	35
29	Profile and relative concentrations of fatty acids in corn and soybean seeds from transgenic and isogenic crops. <i>Journal of Chromatography A</i> , 2009, 1216, 7288-7295.	1.8	35
30	Sample preparation methods to analyze fipronil in honey by gas chromatography with electron-capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2008, 1187, 40-45.	1.8	33
31	Supercritical fluid extraction of fluvalinate residues in honey. Determination by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1993, 655, 95-99.	1.8	32
32	Sample preparation methods for beeswax characterization by gas chromatography with flame ionization detection. <i>Journal of Chromatography A</i> , 2006, 1129, 262-272.	1.8	32
33	Persistence and degradation of metalaxyl, lindane, fenvalerate and deltamethrin during the wine making process. <i>Food Chemistry</i> , 2007, 104, 216-223.	4.2	31
34	CGC/AED and CGC/ECD/NPD comparison for the determination of acaricides in honey after hexane/acetone extraction. <i>Chromatographia</i> , 1996, 42, 130-134.	0.7	30
35	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> , 2007, 1146, 8-16.	1.8	30
36	Some observations on clean-up procedures using sulphuric acid and Florisil. <i>Journal of Chromatography A</i> , 1992, 607, 303-309.	1.8	29

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37	Possibilities of gas chromatography-atomic emission detection in pesticide multiresidue analysis Application to herbicide analysis in soils. <i>Journal of Chromatography A</i> , 1996, 754, 245-256.	1.8	28
38	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> , 2004, 524, 271-278.	2.6	28
39	Determination of chlorsulfuron and tribenuron-methyl residues in agricultural soils. <i>Journal of Chromatography A</i> , 1997, 778, 119-125.	1.8	27
40	Removal of a mixture of veterinary medicinal products by adsorption onto a <i>Scenedesmus almeriensis</i> microalgae-bacteria consortium. <i>Journal of Water Process Engineering</i> , 2021, 43, 102226.	2.6	27
41	Determination of carbendazime in lettuce samples by SFE-HPLC. <i>Chromatographia</i> , 1994, 38, 395-399.	0.7	26
42	Validation of the removal of acetylsalicylic acid. <i>Journal of Chromatography A</i> , 2000, 870, 69-75.	1.8	24
43	Detection of beeswax adulterations using concentration guide-values. <i>European Journal of Lipid Science and Technology</i> , 2007, 109, 682-690.	1.0	24
44	Chiral separation of four 1,3-dioxolane derivatives by supercritical fluid chromatography on an amylose-based column. <i>Journal of Chromatography A</i> , 2000, 871, 127-137.	1.8	23
45	Separation of albendazole sulfoxide enantiomers by chiral supercritical-fluid chromatography. <i>Journal of Proteomics</i> , 2002, 54, 339-345.	2.4	23
46	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> , 1996, 754, 507-513.	1.8	22
47	Packed-column supercritical fluid chromatography coupled with solid-phase extraction for the determination of organic microcontaminants in water. <i>Journal of Chromatography A</i> , 1998, 823, 163-170.	1.8	21
48	Gas chromatographic determination of acrinathrine and 3-phenoxybenzaldehyde residues in honey. <i>Journal of Chromatography A</i> , 2000, 882, 239-243.	1.8	20
49	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> , 2002, 374, 300-304.	1.9	20
50	Trace analysis of tiamulin in honey by liquid chromatography-“diode array”-electrospray ionization mass spectrometry detection. <i>Journal of Chromatography A</i> , 2006, 1116, 102-108.	1.8	20
51	Forced and long-term degradation assays of tenoxicam, piroxicam and meloxicam in river water. Degradation products and adsorption to sediment. <i>Chemosphere</i> , 2018, 191, 903-910.	4.2	20
52	A biorefinery based on brewer's spent grains: Arabinoxylans recovery by microwave assisted pretreatment integrated with butanol production. <i>Industrial Crops and Products</i> , 2020, 158, 113044.	2.5	19
53	Influence of solvent and storage conditions on the stability of acaricide standard stock solutions. <i>Journal of Chromatography A</i> , 1997, 765, 109-114.	1.8	18
54	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> , 2004, 1024, 115-122.	1.8	18

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55	Enantiomeric resolution of bifonazole by supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1373-1378.	1.3	18
56	Degradation of indomethacin in river water under stress and non-stress laboratory conditions: degradation products, long-term evolution and adsorption to sediment. <i>Journal of Environmental Sciences</i> , 2017, 51, 13-20.	3.2	18
57	Determination of antibiotics and other veterinary drugs in the solid phase of pig manure. <i>Chemosphere</i> , 2021, 275, 130039.	4.2	18
58	Capillary gas chromatography with mass spectrometric and atomic emission detection for characterization and monitoring chlordimeform degradation in honey. <i>Journal of Chromatography A</i> , 2002, 946, 247-253.	1.8	17
59	Use of a high-pressure Soxhlet extractor for the determination of organochlorine residues by gas chromatography. <i>Chromatographia</i> , 1992, 34, 468-474.	0.7	16
60	Comparative study of three extraction procedures for imazamethabenz-methyl in agricultural soil. <i>Journal of Chromatography A</i> , 1996, 721, 113-121.	1.8	16
61	Semipreparative chiral supercritical fluid chromatography in the fractionation of lansoprazole and two related antiulcer drugs enantiomers. <i>Journal of Separation Science</i> , 2008, 31, 1307-1313.	1.3	16
62	Trace analysis of antibacterial tylosin A, B, C and D in honey by liquid chromatography-electrospray ionization-mass spectrometry. <i>Journal of Separation Science</i> , 2006, 29, 405-413.	1.3	15
63	Identification of adulterants added to beeswax: Estimation of detectable minimum percentages. <i>European Journal of Lipid Science and Technology</i> , 2009, 111, 902-911.	1.0	15
64	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> , 1996, 754, 145-157.	1.8	14
65	Determination of aminopolycarboxylic acids in river water by solid-phase extraction on activated charcoal cartridges and gas chromatography with mass spectrometric detection. Method performance characteristics and estimation of the uncertainty. <i>Analytica Chimica Acta</i> , 2013, 770, 94-102.	2.6	12
66	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. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 657-663.	0.7	11
67	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> , 2007, 30, 547-556.	1.3	10
68	Note. $\alpha$ -Carotene, $\beta$ -tocopherol and $\gamma$ -tocopherol contents in dry legumes. Influence of cooking. Nota. Contenido de $\alpha$ -caroteno, $\beta$ -tocopherol y $\gamma$ -tocopherol en legumbres secas. Influencia de la cocci <sup>3</sup> n. <i>Food Science and Technology International</i> , 1998, 4, 437-441.	1.1	8
69	Use of a Particle Beam Interface Combined with Mass Spectrometry/Negative Chemical Ionization to Determine Polar Herbicide Residues in Soil by Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2000, 83, 756-761.	0.7	8
70	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. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2629-2636.	0.7	8
71	Simultaneous liquid-liquid extraction and dispersive solid-phase extraction as a sample preparation method to determine acidic contaminants in river water by gas chromatography/mass spectrometry. <i>Talanta</i> , 2013, 116, 678-687.	2.9	8
72	Fate of the drug chlorpromazine in river water according to laboratory assays. Identification and evolution over time of degradation products. Sorption to sediment. <i>Chemosphere</i> , 2016, 162, 285-292.	4.2	7

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73	Persistence of alprazolam in river water according to forced and nonâ€forced degradation assays: adsorption to sediment and longâ€term degradation products. <i>Drug Testing and Analysis</i> , 2017, 9, 1204-1213.	1.6	6
74	Extraction of triallate from soil with supercritical carbon dioxide and determination by gas chromatographyâ€atomic emission detection Comparison with a solvent extraction procedure. <i>Journal of Chromatography A</i> , 1996, 754, 257-263.	1.8	5
75	Use of deactivated fused-silica capillary precolumns in pesticide analysis by gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 2001, 919, 373-379.	1.8	5
76	Determination of calcium disodium ethylenediaminetetraacetate (E385) in marketed bottled legumes, artichokes and emulsified sauces by gas chromatography with mass spectrometric detection. <i>Food Chemistry</i> , 2014, 152, 81-87.	4.2	4
77	Photochemical, thermal, biological and long-term degradation of celecoxib in river water. Degradation products and adsorption to sediment. <i>Journal of Hazardous Materials</i> , 2018, 342, 252-259.	6.5	4
78	Determination of veterinary drugs in microalgae biomass from photobioreactors fed with piggery wastewater. <i>Chemosphere</i> , 2022, 287, 132076.	4.2	4
79	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> , 1993, 39, 37-50.	0.6	2
80	HPLC with Fluorescence Detection for the Study of Benomyl Dissipation on Treated Lettuces. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994, 17, 3999-4017.	0.9	2
81	diastereoisomers by supercritical fluid chromatography. <i>Journal of Proteomics</i> , 2000, 43, 251-260.	2.4	1