

Laura Toribio

List of Publications by Citations

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69
papers

1,810
citations

27
h-index

39
g-index

70
ext. papers

1,922
ext. citations

4.1
avg, IF

4.21
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 69 | Chiral packed column subcritical fluid chromatography on polysaccharide and macrocyclic antibiotic chiral stationary phases. <i>Journal of Chromatography A</i> , 1997 , 785, 159-171 | 4.5 | 114 |
| 68 | Supercritical fluid chromatography in food analysis. <i>Journal of Chromatography A</i> , 2013 , 1313, 24-36 | 4.5 | 89 |
| 67 | 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> , 2004 , 1047, 137-46 | 4.5 | 80 |
| 66 | 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> , 2001 , 919, 147-56 | 4.5 | 76 |
| 65 | High-performance liquid chromatographic determination of methyl anthranilate, hydroxymethylfurfural and related compounds in honey. <i>Journal of Chromatography A</i> , 2001 , 917, 95-103 | 4.5 | 61 |
| 64 | 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> , 2005 , 53, 3095-100 | 5.7 | 55 |
| 63 | 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> , 2005 , 1091, 118-23 | 4.5 | 53 |
| 62 | 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> , 2002 , 30, 285-91 | 3.5 | 44 |
| 61 | Enantiomeric separation of several antimycotic azole drugs using supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2007 , 1144, 255-61 | 4.5 | 43 |
| 60 | High-performance liquid chromatographic determination of benomyl and carbendazim residues in apiarian samples. <i>Journal of Chromatography A</i> , 1997 , 787, 129-36 | 4.5 | 40 |
| 59 | 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> , 1997 , 778, 347-53 | 4.5 | 39 |
| 58 | 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> , 1998 , 823, 381-7 | 4.5 | 39 |
| 57 | A comparative study of several HPLC methods for determining free amino acid profiles in honey. <i>Journal of Separation Science</i> , 2005 , 28, 1039-47 | 3.4 | 37 |
| 56 | 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, 305-13 | 4.5 | 37 |
| 55 | Enantiomeric separation of chiral sulfoxides by supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2006 , 29, 1363-72 | 3.4 | 36 |
| 54 | Physico-chemical parameters for the characterization of pure beeswax and detection of adulterations. <i>European Journal of Lipid Science and Technology</i> , 2005 , 107, 158-166 | 3 | 36 |
| 53 | Separation of antifungal chiral drugs by SFC and HPLC: a comparative study. <i>Journal of Proteomics</i> , 2002 , 54, 245-54 | | 36 |

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| 52 | Quality assurance of commercial beeswax II. Gas chromatography-electron impact ionization mass spectrometry of alcohols and acids. <i>Journal of Chromatography A</i> , 2003 , 1007, 101-16 | 4.5 | 35 |
| 51 | Chiral analysis of aromatic amino acids in food supplements using subcritical fluid chromatography and Chirobiotic T2 column. <i>Journal of Supercritical Fluids</i> , 2016 , 107, 519-525 | 4.2 | 34 |
| 50 | Semipreparative enantiomeric separation of omeprazole by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2006 , 1137, 30-5 | 4.5 | 33 |
| 49 | Separation of triadimefon and triadimenol enantiomers and diastereoisomers by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2003 , 986, 135-41 | 4.5 | 33 |
| 48 | Chiral separation of omeprazole and several related benzimidazoles using supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2004 , 27, 1023-9 | 3.4 | 32 |
| 47 | Supercritical fluid extraction of free amino acids from broccoli leaves. <i>Journal of Chromatography A</i> , 2012 , 1250, 49-53 | 4.5 | 31 |
| 46 | Persistence and degradation of metalaxyl, lindane, fenvalerate and deltamethrin during the wine making process. <i>Food Chemistry</i> , 2007 , 104, 216-223 | 8.5 | 30 |
| 45 | Effects of organic modifier and temperature on the enantiomeric separation of severalazole drugs using supercritical fluid chromatography and the Chiralpak AD column. <i>Biomedical Chromatography</i> , 2014 , 28, 152-8 | 1.7 | 29 |
| 44 | 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> , 2011 , 1218, 4886-91 | 4.5 | 29 |
| 43 | 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, 7288-95 | 4.5 | 27 |
| 42 | Use of semipreparative supercritical fluid chromatography to obtain small quantities of the albendazole sulfoxide enantiomers. <i>Journal of Chromatography A</i> , 2003 , 1011, 155-61 | 4.5 | 27 |
| 41 | Separation of ketoconazole enantiomers by chiral subcritical-fluid chromatography. <i>Journal of Proteomics</i> , 2000 , 43, 241-50 | | 27 |
| 40 | Comprehensive two-dimensional gas chromatography with capillary flow modulation to separate FAME isomers. <i>Journal of Chromatography A</i> , 2011 , 1218, 4952-9 | 4.5 | 26 |
| 39 | On-line solid-phase extraction coupled to supercritical fluid chromatography to determine phenol and nitrophenols in water. <i>Journal of Chromatography A</i> , 1996 , 755, 67-74 | 4.5 | 26 |
| 38 | 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> , 1997 , 778, 321-8 | 4.5 | 25 |
| 37 | Albendazole sulphoxide enantiomers in pregnant rats\embryo concentrations and developmental toxicity. <i>Veterinary Journal</i> , 2003 , 165, 266-75 | 2.5 | 25 |
| 36 | Separation of albendazole sulfoxide enantiomers by chiral supercritical-fluid chromatography. <i>Journal of Proteomics</i> , 2002 , 54, 339-45 | | 23 |
| 35 | 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> , 2000 , 870, 69-75 | 4.5 | 23 |

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| 34 | Determination of carbendazime in lettuce samples by SFE-HPLC. <i>Chromatographia</i> , 1994 , 38, 395-399 | 2.1 | 23 |
| 33 | 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> , 2008 , 1192, 266-72 | 4.5 | 22 |
| 32 | Supercritical fluid extraction of lipids from broccoli leaves. <i>European Journal of Lipid Science and Technology</i> , 2011 , 113, 479-486 | 3 | 21 |
| 31 | Study of the enantiomeric separation of oxfendazole and cetirizine using subcritical fluid chromatography on an amylose-based column. <i>Journal of Chromatography A</i> , 2006 , 1121, 268-73 | 4.5 | 20 |
| 30 | 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, 127-37 | 4.5 | 20 |
| 29 | 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> , 2001 , 919, 87-93 | 4.5 | 19 |
| 28 | Determination of phenolic compounds in water samples by on-line solid-phase extraction-supercritical-fluid chromatography with diode-array detection. <i>Chromatographia</i> , 1997 , 46, 295-300 | 2.1 | 18 |
| 27 | 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, 163-70 | 4.5 | 18 |
| 26 | Enantiomeric resolution of bifonazole by supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2006 , 29, 1373-8 | 3.4 | 17 |
| 25 | 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 | 8.5 | 16 |
| 24 | Optimisation of the Supercritical Fluid Extraction of Antioxidants from Broccoli Leaves. <i>Food Analytical Methods</i> , 2016 , 9, 2174-2181 | 3.4 | 16 |
| 23 | 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> , 2011 , 4, 196-202 | 3.4 | 16 |
| 22 | Semipreparative chiral supercritical fluid chromatography in the fractionation of lansoprazole and two related antiulcer drugs enantiomers. <i>Journal of Separation Science</i> , 2008 , 31, 1307-13 | 3.4 | 16 |
| 21 | Detection of beeswax adulterations using concentration guide-values. <i>European Journal of Lipid Science and Technology</i> , 2007 , 109, 682-690 | 3 | 13 |
| 20 | 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 | 4.5 | 13 |
| 19 | Identification of adulterants added to beeswax: Estimation of detectable minimum percentages. <i>European Journal of Lipid Science and Technology</i> , 2009 , 111, 902-911 | 3 | 12 |
| 18 | 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, 247-53 | 4.5 | 12 |
| 17 | Characterization and monitoring of amitraz degradation products in honey. <i>Journal of High Resolution Chromatography</i> , 1997 , 20, 81-84 | | 11 |

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| 16 | Post-column derivatization of carbohydrates with ethanolamineBoric acid prior to their detection by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1992 , 607, 191-198 | 4.5 | 11 |
| 15 | 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, 547-56 | 3.4 | 8 |
| 14 | 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 | 3.4 | 7 |
| 13 | 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> , 2011 , 879, 1596-604 | 3.2 | 7 |
| 12 | 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 tebuconazole. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 2629-36 | 2.2 | 7 |
| 11 | Chiral separation of some triazole pesticides by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2004 , 1046, 249-253 | 4.5 | 7 |
| 10 | 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> , 1993 , 16, 1105-1116 | | 7 |
| 9 | 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 | 4.5 | 5 |
| 8 | Improved Separation of Fame Isomers Using Comprehensive Two-Dimensional Gas Chromatography. Application to Broccoli Samples. <i>Food Analytical Methods</i> , 2012 , 5, 920-927 | 3.4 | 4 |
| 7 | 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, 373-9 | 4.5 | 4 |
| 6 | 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 | 4.8 | 3 |
| 5 | Applications to Food Analysis 2017 , 495-514 | | 2 |
| 4 | Extraction with edta/methanol and supercritical carbon dioxide for the analysis of ziram residues on spinach. <i>Toxicological and Environmental Chemistry</i> , 1994 , 45, 179-187 | 1.4 | 2 |
| 3 | Supercritical fluid chromatography coupled to mass spectrometry: A valuable tool in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116350 | 14.6 | 2 |
| 2 | 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> , 2000 , 43, 251-60 | | 1 |
| 1 | Determination of Free Amino Acids in Bee Pollen by Liquid Chromatography with Fluorescence Detection. <i>Food Analytical Methods</i> , 1 | 3.4 | 0 |