

MarÃ-a JosÃ© GonzÃ¡lez

List of Publications by Year in descending order

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48
papers

2,020
citations

172457

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233421

45
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all docs

49
docs citations

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times ranked

2456
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of Polybrominated Diphenyl Ethers in Human Umbilical Cord Serum, Paternal Serum, Maternal Serum, Placentas, and Breast Milk from Madrid Population, Spain. <i>Environmental Science & Technology</i> , 2007, 41, 6961-6968.	10.0	194
2	Survey of Persistent Organochlorine Contaminants (PCBs, PCDD/Fs, and PAHs), Heavy Metals (Cu, Cd,) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 992-1001.	5.2	170
3	Accumulation of heavy metals and As in wetland birds in the area around DoÑana National Park affected by the Aznalcollar toxic spill. <i>Science of the Total Environment</i> , 1999, 242, 293-308.	8.0	105
4	Mercury, lead and cadmium in human milk in relation to diet, lifestyle habits and sociodemographic variables in Madrid (Spain). <i>Chemosphere</i> , 2011, 85, 268-276.	8.2	93
5	Survey of Polybrominated Diphenyl Ether Levels in Spanish Commercial Foodstuffs. <i>Environmental Science & Technology</i> , 2006, 40, 7541-7547.	10.0	90
6	Lead, mercury and cadmium in umbilical cord blood and its association with parental epidemiological variables and birth factors. <i>BMC Public Health</i> , 2013, 13, 841.	2.9	82
7	Occurrence of PCBs, PCDD/Fs, PBDEs and DDTs in Spanish breast milk: Enantiomeric fraction of chiral PCBs. <i>Chemosphere</i> , 2008, 70, 567-575.	8.2	80
8	Levels and Trends of Polychlorinated Dibenzo-p-dioxins/Furans (PCDD/Fs) and Dioxin-like Polychlorinated Biphenyls (PCBs) in Spanish Commercial Fish and Shellfish Products, 1995~2003. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8406-8413.	5.2	62
9	Quantification and determination of enantiomeric ratios of chiral PCB 95, PCB 132, and PCB 149 in shark liver samples (<i>C. coelolepis</i>) from the Atlantic Ocean. <i>Journal of High Resolution Chromatography</i> , 1996, 19, 392-396.	1.4	50
10	Quantitative analysis of polybrominated diphenyl ethers in adipose tissue, human serum and foodstuff samples by gas chromatography with ion trap tandem mass spectrometry and isotope dilution. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 69-74.	1.5	50
11	A simple and fast method for the simultaneous determination of polychlorinated biphenyls and polybrominated diphenyl ethers in small volumes of human serum. <i>Journal of Chromatography A</i> , 2007, 1152, 124-129.	3.7	50
12	Congener Specific Determination and Enantiomeric Ratios of Chiral Polychlorinated Biphenyls in Striped Dolphins (<i>Stenella coeruleoalba</i>) from the Mediterranean Sea. <i>Environmental Science & Technology</i> , 1999, 33, 1787-1793.	10.0	49
13	Enantiomeric separation of chiral polychlorinated biphenyls on β -cyclodextrin capillary columns by means of heart-cut multidimensional gas chromatography and comprehensive two-dimensional gas chromatography. Application to food samples. <i>Journal of Separation Science</i> , 2005, 28, 163-171.	2.5	49
14	Determination of polychlorinated biphenyls in small-size serum samples by solid-phase extraction followed by gas chromatography with micro-electron-capture detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 766, 279-287.	2.3	48
15	Novel Analytical Approach for Brominated Flame Retardants Based on the Use of Gas Chromatography-Atmospheric Pressure Chemical Ionization-Tandem Mass Spectrometry with Emphasis in Highly Brominated Congeners. <i>Analytical Chemistry</i> , 2015, 87, 9892-9899.	6.5	47
16	Dietary intakes of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in Spain. <i>Food Additives and Contaminants</i> , 2004, 21, 983-991.	2.0	46
17	Influence of a Mine Tailing Accident Near DoÑana National Park (Spain) on Heavy Metals and Arsenic Accumulation in 14 Species of Waterfowl (1998 to 2000). <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 47, 521-529.	4.1	45
18	Enantiomeric separation of chiral polycyclic musks by capillary electrophoresis: Application to the analysis of cosmetic samples. <i>Journal of Chromatography A</i> , 2010, 1217, 1157-1165.	3.7	44

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19	Chiral comprehensive two-dimensional gas chromatography with electron-capture detection applied to the analysis of chiral polychlorinated biphenyls in food samples. <i>Journal of Chromatography A</i> , 2005, 1078, 128-135.	3.7	37
20	Triple quadrupole tandem mass spectrometry: A real alternative to high resolution magnetic sector instrument for the analysis of polychlorinated dibenzo-p-dioxins, furans and dioxin-like polychlorinated biphenyls. <i>Analytica Chimica Acta</i> , 2015, 889, 156-165.	5.4	37
21	Mercury, methylmercury, and selenium in blood of bird species from Doñana National Park (Southwestern Spain) after a mining accident. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5361-5372.	5.3	34
22	Feasibility of electron impact and electron capture negative ionisation mass spectrometry for the trace determination of tri- to deca-brominated diphenyl ethers in human samples. <i>Analytica Chimica Acta</i> , 2007, 597, 121-128.	5.4	33
23	Unexpected high PCB and total DDT levels in the breeding population of red kite (<i>Milvus milvus</i>) from Doñana National Park, south-western Spain. <i>Environment International</i> , 2008, 34, 73-78.	10.0	33
24	Congener Specific Analysis of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Crabs and Sediments from the Venice and Orbetello Lagoons, Italy. <i>Environmental Science & Technology</i> , 1998, 32, 3853-3861.	10.0	32
25	Development of a new method for the enantiomer specific determination of HBCD using an ion trap mass spectrometer. <i>Analytica Chimica Acta</i> , 2007, 605, 53-60.	5.4	31
26	Feasibility of ultra-high performance liquid and gas chromatography coupled to mass spectrometry for accurate determination of primary and secondary phthalate metabolites in urine samples. <i>Analytica Chimica Acta</i> , 2015, 853, 625-636.	5.4	31
27	Results and evaluation of the first study of organochlorine contaminants (PCDDs, PCDFs, PCBs and) Tj ETQq1 1 0.784314 rgBT /Over 2005, 133, 139-146.	7.5	30
28	Determination of toxaphene enantiomers by comprehensive two-dimensional gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 2006, 1125, 220-228.	3.7	30
29	Suitability of several carbon sorbents for the fractionation of various sub-groups of toxic polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. <i>Journal of Chromatography A</i> , 2001, 917, 227-237.	3.7	29
30	Polychlorinated biphenyls and their hydroxylated metabolites in placenta from Madrid mothers. <i>Environmental Science and Pollution Research</i> , 2012, 19, 139-147.	5.3	28
31	Chiral separation of polychlorinated biphenyls by micellar electrokinetic chromatography with sodium cholate. <i>Electrophoresis</i> , 1998, 19, 2113-2118.	2.4	27
32	Evaluation of 2,3,7,8 Specific Congener and Toxic Potency of Persistent Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans in Cetaceans from the Mediterranean Sea, Italy. <i>Environmental Science & Technology</i> , 2000, 34, 756-763.	10.0	27
33	Cytogenetic status in newborns and their parents in Madrid: The BioMadrid study. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 267-277.	2.2	27
34	EROD induction and PCDD/F levels in fish liver from the Biobio River in Chile. <i>Chemosphere</i> , 2005, 60, 829-835.	8.2	25
35	Fractionation of chlorinated and brominated persistent organic pollutants in several food samples by pyrenyl-silica liquid chromatography prior to GC-MS determination. <i>Analytica Chimica Acta</i> , 2006, 565, 208-213.	5.4	21
36	Feasibility of High-Performance Immunochromatography as an Isolation Method for PCBs and Other Dioxin-Like Compounds. <i>Analytical Chemistry</i> , 2001, 73, 3119-3125.	6.5	19

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37	Modelling of peak profiles. <i>Journal of Chromatography A</i> , 1987, 386, 333-344.	3.7	18
38	Isomer-specific polychlorinated biphenyl determination in cetaceans from the mediterranean sea: Enantioselective occurrence of chiral polychlorinated biphenyl congeners. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2653-2660.	4.3	18
39	Separation of phthalates by cyclodextrin modified micellar electrokinetic chromatography: Quantitation in perfumes. <i>Analytica Chimica Acta</i> , 2013, 782, 67-74.	5.4	18
40	Levels of brominated flame retardants (BFRs) in honey samples from different geographic regions. <i>Science of the Total Environment</i> , 2014, 472, 741-745.	8.0	18
41	Enantiomeric fractions and congener specific determination of polychlorinated biphenyls in eggs of predatory birds from Doñana National Park (Spain). <i>Chemosphere</i> , 2006, 63, 662-669.	8.2	17
42	Feasibility of two multidimensional techniques, heart-cut MDGC and GC-MS, for the separation of PCBs and PBDEs. <i>Journal of Separation Science</i> , 2007, 30, 1920-1929.	2.5	9
43	Biomonitoring of exposure to environmental pollutants in newborns and their parents in Madrid, Spain (BioMadrid): study design and field work results. <i>Gaceta Sanitaria</i> , 2008, 22, 483-491.	1.5	9
44	Simultaneous enantioselective separation of polychlorinated biphenyls and their methyl sulfone metabolites by heart-cut MDGC: Determination of enantiomeric fractions in fish oils and cow liver samples. <i>Chirality</i> , 2012, 24, 577-583.	2.6	8
45	Newborns and low to moderate prenatal environmental lead exposure: might fathers be the key?. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7886-98.	5.3	7
46	Differences in retention of dioxin-like compounds and organochlorinated insecticides on an immunochromatographic column. Interpretation and applicability. <i>Journal of Separation Science</i> , 2004, 27, 1093-1101.	2.5	6
47	Non-linear elution peak model. <i>Journal of Chromatography A</i> , 1987, 387, 41-53.	3.7	5
48	Rapid and simultaneous determination of polychlorinated biphenyls and their main metabolites (hydroxylated and methyl sulfonyl) by gas chromatography coupled to mass spectrometry: Comparison of different ionisation modes. <i>Analytica Chimica Acta</i> , 2013, 787, 148-154.	5.4	1