

Mara Jos Gonzlez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,786
citations

27
h-index

41
g-index

49
ext. papers

1,894
ext. citations

6.1
avg, IF

4.1
L-index

#	Paper	IF	Citations
49	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, 156-65	6.6	34
48	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, 9892-9	7.8	44
47	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	6.6	29
46	Levels of brominated flame retardants (BFRs) in honey samples from different geographic regions. <i>Science of the Total Environment</i> , 2014 , 472, 741-5	10.2	16
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	5.1	5
44	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, 5361-72	5.1	27
43	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, 148-54	6.6	1
42	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	4.1	64
41	Separation of phthalates by cyclodextrin modified micellar electrokinetic chromatography: quantitation in perfumes. <i>Analytica Chimica Acta</i> , 2013 , 782, 67-74	6.6	16
40	Polychlorinated biphenyls and their hydroxylated metabolites in placenta from Madrid mothers. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 139-47	5.1	28
39	Analysis of Dioxins and Furans (PCDDs and PCDFs) in Food 2012 , 49-73		1
38	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, 577-83	2.1	8
37	Mercury, lead and cadmium in human milk in relation to diet, lifestyle habits and sociodemographic variables in Madrid (Spain). <i>Chemosphere</i> , 2011 , 85, 268-76	8.4	74
36	Cytogenetic status in newborns and their parents in Madrid: the BioMadrid study. <i>Environmental and Molecular Mutagenesis</i> , 2010 , 51, 267-77	3.2	22
35	Enantiomeric separation of chiral polycyclic musks by capillary electrophoresis: Application to the analysis of cosmetic samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 1157-65	4.5	35
34	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, 483-91	2.2	8
33	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, 73-8	12.9	26

32	Occurrence of PCBs, PCDD/Fs, PBDEs and DDTs in Spanish breast milk: enantiomeric fraction of chiral PCBs. <i>Chemosphere</i> , 2008 , 70, 567-75	8.4	67
31	Feasibility of two multidimensional techniques, heart-cut MDGC and GCxGC, for the separation of PCBs and PBDEs. <i>Journal of Separation Science</i> , 2007 , 30, 1920-9	3.4	9
30	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, 124-9	4.5	45
29	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, 121-8	6.6	29
28	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	6.6	30
27	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, 6961-8	10.3	174
26	Survey of polybrominated diphenyl ether levels in Spanish commercial foodstuffs. <i>Environmental Science & Technology</i> , 2006 , 40, 7541-7	10.3	88
25	Enantiomeric fractions and congener specific determination of polychlorinated biphenyls in eggs of predatory birds from Doñana National Park (Spain). <i>Chemosphere</i> , 2006 , 63, 662-9	8.4	12
24	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	2.2	44
23	Fractionation of chlorinated and brominated persistent organic pollutants in several food samples by pyrenyl-silica liquid chromatography prior to GCMS determination. <i>Analytica Chimica Acta</i> , 2006 , 565, 208-213	6.6	19
22	Determination of toxaphene enantiomers by comprehensive two-dimensional gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 2006 , 1125, 220-8	4.5	28
21	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, 8406-13	5.7	58
20	EROD induction and PCDD/F levels in fish liver from the Biobio River in Chile. <i>Chemosphere</i> , 2005 , 60, 829-35	8.4	18
19	Results and evaluation of the first study of organochlorine contaminants (PCDDs, PCDFs, PCBs and DDTs), heavy metals and metalloids in birds from Baja California, México. <i>Environmental Pollution</i> , 2005 , 133, 139-46	9.3	25
18	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, 128-35	4.5	35
17	Enantiomeric separation of chiral polychlorinated biphenyls on beta-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, 163-71	3.4	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, 983-91		44
15	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, 521-9	3.2	40

14	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, 1093-101	3.4	5
13	Survey of persistent organochlorine contaminants (PCBs, PCDD/Fs, and PAHs), heavy metals (Cu, Cd, Zn, Pb, and Hg), and arsenic in food samples from Huelva (Spain): levels and health implications. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 992-1001	5.7	150
12	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, 279-87	3.2	45
11	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, 227-37	4.5	26
10	Feasibility of high-performance immunochromatography as an isolation method for PCBs and other dioxin-like compounds. <i>Analytical Chemistry</i> , 2001 , 73, 3119-25	7.8	18
9	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	3.8	15
8	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	10.3	24
7	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	10.2	87
6	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	10.3	44
5	Chiral separation of polychlorinated biphenyls by micellar electrokinetic chromatography with sodium cholate. <i>Electrophoresis</i> , 1998 , 19, 2113-8	3.6	26
4	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	10.3	31
3	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		44
2	Non-linear elution peak model. <i>Journal of Chromatography A</i> , 1987 , 387, 41-53	4.5	5
1	Modeling of peak profiles. Application to the preparative liquid chromatography of steroids. <i>Journal of Chromatography A</i> , 1987 , 386, 333-44	4.5	16