Clara Coscolla

List of Publications by Year
in descending order

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56 papers	1,580 citations	257450 24 h-index	315739 38 g-index
56 all docs	56 docs citations	56 times ranked	1722 citing authors

#	Article	IF	Citations
1	Sampling and analysis of pesticides in ambient air. Journal of Chromatography A, 2009, 1216, 2972-2983.	3.7	96
2	Analytical methods for human biomonitoring of pesticides. A review. Analytica Chimica Acta, 2015, 891, 15-31.	5.4	92
3	Analytical strategies for organic food packaging contaminants. Journal of Chromatography A, 2017, 1490, 22-46.	3.7	92
4	Occurrence of currently used pesticides in ambient air of Centre Region (France). Atmospheric Environment, 2010, 44, 3915-3925.	4.1	78
5	Multi-residue analysis of 30 currently used pesticides in fine airborne particulate matter (PM 2.5) by microwave-assisted extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 8817-8827.	3.7	73
6	Occurrence of biomarkers of pesticide exposure in non-invasive human specimens. Chemosphere, 2015, 139, 91-108.	8.2	61
7	Determination of 40 currently used pesticides in airborne particulate matter (PM 10) by microwave-assisted extraction and gas chromatography coupled to triple quadrupole mass spectrometry. Analytica Chimica Acta, 2011, 693, 72-81.	5.4	57
8	Analysis of currently used pesticides in fine airborne particulate matter (PM 2.5) by pressurized liquid extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2008, 1200, 100-107.	3.7	49
9	New screening approach for risk assessment of pesticides in ambient air. Atmospheric Environment, 2014, 96, 322-330.	4.1	49
10	LC-MS characterization of contemporary pesticides in PM10 of Valencia Region, Spain. Atmospheric Environment, 2013, 77, 394-403.	4.1	48
11	Human exposure and risk assessment to airborne pesticides in a rural French community. Science of the Total Environment, 2017, 584-585, 856-868.	8.0	48
12	Retrospective screening of pesticide metabolites in ambient air using liquid chromatography coupled to high-resolution mass spectrometry. Talanta, 2016, 150, 27-36.	5.5	44
13	Risk assessment of airborne pesticides in a Mediterranean region of Spain. Science of the Total Environment, 2017, 574, 724-734.	8.0	44
14	GCâ€“MS characterization of contemporary pesticides in PM10 of Valencia Region, Spain. Atmospheric Environment, 2012, 62, 118-129.	4.1	43
15	Combined target and post-run target strategy for a comprehensive analysis of pesticides in ambient air using liquid chromatography-Orbitrap high resolution mass spectrometry. Journal of Chromatography A, 2014, 1368, 132-142.	3.7	40
16	Legacy and current-use pesticides (CUPs) in the atmosphere of a rural area in central Chile, using passive air samplers. Science of the Total Environment, 2019, 662, 646-654.	8.0	40
17	Particle size distributions of currently used pesticides in ambient air of an agricultural Mediterranean area. Atmospheric Environment, 2014, 95, 29-35.	4.1	38
18	Application of the experimental design of experiments (DoE) for the determination of organotin compounds in water samples using HS-SPME and GCâ€“MS/MS. Talanta, 2014, 119, 544-552.	5.5	35

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19	Comprehensive analysis of photoinitiators and primary aromatic amines in food contact materials using liquid chromatography High-Resolution Mass Spectrometry. Talanta, 2019, 191, 109-118.	5.5	35
20	Biomonitoring of bisphenols A, F, S and parabens in urine of breastfeeding mothers: Exposure and risk assessment. Environmental Research, 2020, 185, 109481.	7.5	31
21	Particle size distributions of currently used pesticides in a rural atmosphere of France. Atmospheric Environment, 2013, 81, 32-38.	4.1	29
22	Retrospective analysis of pesticide metabolites in urine using liquid chromatography coupled to high-resolution mass spectrometry. Talanta, 2016, 160, 547-555.	5.5	29
23	Target analysis of primary aromatic amines combined with a comprehensive screening of migrating substances in kitchen utensils by liquid chromatographyâ€“high resolution mass spectrometry. Talanta, 2015, 138, 290-297.	5.5	28
24	Determination of acrylamide in coffee and chocolate by pressurised fluid extraction and liquid chromatographyâ€“tandem mass spectrometry. Food Additives and Contaminants, 2007, 24, 663-672.	2.0	27
25	Analysis of four parabens and bisphenols A, F, S in urine, using dilute and shoot and liquid chromatography coupled to mass spectrometry. Talanta, 2019, 202, 42-50.	5.5	24
26	Biomonitoring of mercury in hair of breastfeeding mothers living in the Valencian Region (Spain). Levels and predictors of exposure. Chemosphere, 2017, 187, 106-113.	8.2	23
27	Influence of diet in urinary levels of metals in a biomonitoring study of a child population of the Valencian region (Spain). Science of the Total Environment, 2018, 618, 1647-1657.	8.0	21
28	Analysis of unknowns in recycled LDPE plastic by LC-Orbitrap Tribrid HRMS using MS3 with an intelligent data acquisition mode. Microchemical Journal, 2020, 158, 105256.	4.5	20
29	Biomonitoring of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and dioxin-like polychlorinated biphenyls (dl-PCBs) in human milk: Exposure and risk assessment for lactating mothers and breastfed children from Spain. Science of the Total Environment, 2020, 744, 140710.	8.0	20
30	Dioxins and dioxin-like PCBs in the ambient air of the Valencian Region (Spain): Levels, human exposure, and risk assessment. Chemosphere, 2021, 267, 128902.	8.2	20
31	Comprehensive analysis of airborne pesticides using hard cap espresso extraction-liquid chromatography-high-resolution mass spectrometry. Journal of Chromatography A, 2017, 1506, 27-36.	3.7	19
32	A green analytical method for the simultaneous determination of 30 tropane and pyrrolizidine alkaloids and their N-oxides in teas and herbs for infusions by LC-Q-Orbitrap HRMS. Journal of Chromatography A, 2022, 1666, 462835.	3.7	18
33	Gas-phase and particulate products from the atmospheric degradation of the organothiophosphorus insecticide chlorpyrifos-methyl. Chemosphere, 2015, 138, 888-894.	8.2	17
34	Atmospheric degradation of lindane and 1,3-dichloroacetone in the gas phase. Studies at the EUPHORE simulation chamber. Chemosphere, 2015, 138, 112-119.	8.2	17
35	Evaluation of sampling adsorbents and validation of a LC-HRMS method for determination of 28 airborne pesticides. Talanta, 2018, 189, 211-219.	5.5	15
36	Biomonitoring of glyphosate and AMPA in the urine of Spanish lactating mothers. Science of the Total Environment, 2021, 801, 149688.	8.0	15

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37	Utilization of long duration high-volume sampling coupled to SPME-GC-MS/MS for the assessment of airborne pesticides variability in an urban area (Strasbourg, France) during agricultural application. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 703-714.	1.5	13
38	Exposure assessment of Spanish lactating mothers to acrylamide via human biomonitoring. Environmental Research, 2022, 203, 111832.	7.5	13
39	Exposure to non-persistent pesticides in the Spanish population using biomonitoring: A review. Environmental Research, 2022, 205, 112437.	7.5	13
40	Human Biomonitoring of food contaminants in Spanish children: Design, sampling and lessons learned. International Journal of Hygiene and Environmental Health, 2017, 220, 1242-1251.	4.3	12
41	Risk assessment of exposure to phthalates in breastfeeding women using human biomonitoring. Chemosphere, 2020, 255, 127003.	8.2	10
42	A Fast and Automated Strategy for the Identification and Risk Assessment of Unknown Substances (IAS/NIAS) in Plastic Food Contact Materials by GC-Q-Orbitrap HRMS: Recycled LDPE as a Proof-of-Concept. Toxics, 2021, 9, 283.	3.7	10
43	Selection of sampling adsorbents and optimisation and validation of a GC-MS/MS method for airborne pesticides. International Journal of Environmental Analytical Chemistry, 2017, 97, 949-964.	3.3	9
44	Liquid chromatographyâ€Orbitrap Tribrid highâ€resolution mass spectrometry using data dependentâ€tandem mass spectrometry with triple stage fragmentation as a screening tool to perform identification and risk assessment of unknown substances in food contact epoxy resin. Journal of Separation Science, 2021, 44, 3020-3030.	2.5	9
45	Indoor air pesticide in dwellings of breastfeeding mothers of the Valencian Region (Spain): Levels, exposure and risk assessment. Atmospheric Environment, 2021, 248, 118231.	4.1	8
46	Identification of 24 Unknown Substances (NIAS/IAS) from Food Contact Polycarbonate by LC-Orbitrap Tribrid HRMS-DDMS3: Safety Assessment. International Journal of Analytical Chemistry, 2021, 2021, 1-13.	1.0	7
47	Exposure and Risk Assessment of Hg, Cd, As, Tl, Se, and Mo in Women of Reproductive Age Using Urinary Biomonitoring. Environmental Toxicology and Chemistry, 2021, 40, 1477-1490.	4.3	6
48	Biomonitoring of Phthalates, Bisphenols and Parabens in Children: Exposure, Predictors and Risk Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 8909.	2.6	6
49	Determination of 60 Migrant Substances in Plastic Food Contact Materials by Vortex-Assisted Liquid-Liquid Extraction and GC-Q-Orbitrap HRMS. Molecules, 2021, 26, 7640.	3.8	6
50	Risk assessment of the exposure of Spanish children to acrylamide using human biomonitoring. Environmental Pollution, 2022, 305, 119319.	7.5	5
51	Pesticide Inhalation Exposure of Applicators and Bystanders Using Conventional and Innovative Cropping Systems in the Valencian Region, Spain. Atmosphere, 2021, 12, 631.	2.3	4
52	Indoor Air Quality including Respiratory Viruses. Toxics, 2021, 9, 274.	3.7	4
53	Optimization of Resolving Power, Fragmentation, and Mass Calibration in an Orbitrap Spectrometer for Analysis of 24 Pesticide Metabolites in Urine. International Journal of Analytical Chemistry, 2019, 2019, 1-12.	1.0	3
54	Methodological Aspects for the Implementation of the Air Pesticide Control and Surveillance Network (PESTNet) of the Valencian Region (Spain). Atmosphere, 2021, 12, 542.	2.3	3

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55	Health Risk Assessment of Exposure to 15 Essential and Toxic Elements in Spanish Women of Reproductive Age: A Case Study. International Journal of Environmental Research and Public Health, 2021, 18, 13012.	2.6	3
56	Identification of Unknown Substances in Ambient Air (PM10), Profiles and Differences between Rural, Urban and Industrial Areas. Toxics, 2022, 10, 220.	3.7	1