Elena MartÃ-nez-Carballo

List of Publications by Year
in descending order

67 papers	5,134 citations	147801 31 h-index	98798 67 g-index
67 all docs	67 docs citations	67 times ranked	6593 citing authors

#	Article	IF	Citations
1	Unravelling the immunomodulatory role of apple phenolic rich extracts on human THP-1- derived macrophages using multiplatform metabolomics. Food Research International, 2022, 155, 111037.	6.2	2
2	Wild boar (Sus scrofa) as bioindicator for environmental exposure to organic pollutants. Chemosphere, 2021, 268, 128848.	8.2	8
3	Association between placenta concentrations polybrominated and polychlorinated biphenyls and gestational diabetes mellitus: a case-control study in northwestern Spain. Environmental Science and Pollution Research, 2021, 28, 10292-10301.	5.3	9
4	Metabolomics Insights of the Immunomodulatory Activities of Phlorizin and Phloretin on Human THP-1 Macrophages. Molecules, 2021, 26, 787.	3.8	8
5	Determination of organic pollutants in meconium and its relationship with fetal growth. Case control study in Northwestern Spain. Journal of Perinatal Medicine, 2021, 49, 884-896.	1.4	4
6	Optimization of a new selective pressurized liquid extraction methodology for determining organic pollutants in wild boar livers. MethodsX, 2021, 8, 101242.	1.6	3
7	Applicability of an In-Vitro Digestion Model to Assess the Bioaccessibility of Phenolic Compounds from Olive-Related Products. Molecules, 2021, 26, 6667.	3.8	14
8	Non-invasive biomonitoring of organic pollutants using feather samples in feral pigeons (Columba) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.5	11
9	Prenatal exposure to organic pollutants in northwestern Spain using non-invasive matrices (placenta) Tj ETQq1 1 0.784314 rgBT /Ove	8.0	31
10	Rapid liquid chromatographic method for the control of doxycycline and tiamulin residues and their metabolites in vivo assays with pigs: Treatment and depletion. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113428.	2.8	2
11	Meat quality in relation to swine well-being after transport and during lairage at the slaughterhouse. Meat Science, 2018, 142, 38-43.	5.5	16
12	Screening of organic pollutants in pet hair samples and the significance of environmental factors. Science of the Total Environment, 2018, 625, 311-319.	8.0	30
13	Polycyclic Aromatic Hydrocarbons in Soil Organic Horizons Depending on the Soil Burn Severity and Type of Ecosystem. Land Degradation and Development, 2018, 29, 2112-2123.	3.9	20
14	A Metabolomics Approach Reveals Immunomodulatory Effects of Proteinaceous Molecules Derived From Gut Bacteria Over Human Peripheral Blood Mononuclear Cells. Frontiers in Microbiology, 2018, 9, 2701.	3.5	12
15	Perspective on pre- and post-natal agro-food exposure to persistent organic pollutants and their effects on quality of life. Environment International, 2017, 100, 79-101.	10.0	34
16	Determination of kinetic bioconcentration in mussels after short term exposure to polycyclic aromatic hydrocarbons. Heliyon, 2017, 3, e00231.	3.2	12
17	Optimization of selective pressurized liquid extraction of organic pollutants in placenta to evaluate prenatal exposure. Journal of Chromatography A, 2017, 1495, 1-11.	3.7	26
18	Organic pollutants profiling of wood ashes from biomass power plants linked to the ash characteristics. Science of the Total Environment, 2016, 544, 535-543.	8.0	19

#	Article	IF	Citations
19	Profiling, distribution and levels of carcinogenic polycyclic aromatic hydrocarbons in traditional smoked plant and animal foods. Food Control, 2016, 59, 581-590.	5.5	71
20	A Critical Review about the Health Risk Assessment of PAHs and Their Metabolites in Foods. Critical Reviews in Food Science and Nutrition, 2015, 55, 1383-1405.	10.3	84
21	A Critical Review about Human Exposure to Polychlorinated Dibenzo-p-Dioxins (PCDDs), Polychlorinated Dibenzofurans (PCDFs) and Polychlorinated Biphenyls (PCBs) through Foods. Critical Reviews in Food Science and Nutrition, 2015, 55, 1590-1617.	10.3	96
22	Liquid chromatographyâ€"mass spectrometry method development for monitoring stress-related corticosteroids levels in pig saliva. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 990, 158-163.	2.3	9
23	Development of an improved extraction and <scp>HPLC</scp> method for the measurement of ascorbic acid in cows' milk from processing plants and retail outlets. International Journal of Food Science and Technology, 2014, 49, 679-688.	2.7	12
24	Effect of Beer Marinades on Formation of Polycyclic Aromatic Hydrocarbons in Charcoal-Grilled Pork. Journal of Agricultural and Food Chemistry, 2014, 62, 2638-2643.	5.2	89
25	Atmospheric pollutants in fog and rain events at the northwestern mountains of the Iberian Peninsula. Science of the Total Environment, 2014, 497-498, 188-199.	8.0	10
26	Decontamination solutions for polychlorinated biphenyls (PCBs) in raw fish oils from environmentally contaminated sea fishes. Science of the Total Environment, 2014, 468-469, 1007-1013.	8.0	8
27	Optimization of purification processes to remove polycyclic aromatic hydrocarbons (PAHs) in polluted raw fish oils. Science of the Total Environment, 2014, 470-471, 917-924.	8.0	29
28	The potential of solvent-minimized extraction methods in the determination of polycyclic aromatic hydrocarbons in fish oils. Food Chemistry, 2013, 139, 1036-1043.	8.2	38
29	Inputs of polychlorinated biphenyl residues in animal feeds. Food Chemistry, 2013, 140, 296-304.	8.2	14
30	Feed Ingredients Mainly Contributing to Polycyclic Aromatic Hydrocarbon and Polychlorinated Biphenyl Residues. Polycyclic Aromatic Compounds, 2012, 32, 280-295.	2.6	15
31	Feeds and Corresponding Footprints of Residual Polycyclic Aromatic Hydrocarbons and Polychlorinated Biphenyls Based on Their Constituents. Polycyclic Aromatic Compounds, 2012, 32, 248-264.	2.6	9
32	Pre-industrial accumulation of anthropogenic polycyclic aromatic hydrocarbons found in a blanket bog of the Iberian Peninsula. Environmental Research, 2012, 116, 36-43.	7.5	40
33	Searching ingredients polluted by polycyclic aromatic hydrocarbons in feeds due to atmospheric or pyrolytic sources. Food Chemistry, 2012, 135, 2043-2051.	8.2	40
34	Hydrogeothermal modelling vs. inorganic chemical composition of thermal waters from the area of CarballiÃ±o (NW Spain). Hydrology and Earth System Sciences, 2012, 16, 157-166.	4.9	2
35	Pattern recognition of three Vitis vinifera L. red grapes varieties based on anthocyanin and flavonol profiles, with correlations between their biosynthesis pathways. Food Chemistry, 2012, 130, 9-19.	8.2	98
36	Distribution of polychlorinated biphenyls in both products and by-products of a mussel shell incinerator facility. Environmental Science and Pollution Research, 2011, 18, 1139-1146.	5.3	21

#	Article	IF	Citations
37	Influence of new fungicides â€“ metiram and pyraclostrobin â€“ onSaccharomyces cerevisiaeyeast growth and alcoholic fermentation course for wine production Influencia de los nuevos fungicidas â€“ metiram y piraclostrobÃn â€“ en el crecimiento de la levaduraSaccharomyces cerevisiaey en el curso de la fermentaciÃ³n alcohÃ³lica para la elaboraciÃ³n de vino. CYTA - Journal of Food, 2011, 9, 329-334.	1.9	19
38	Removal of polycyclic aromatic hydrocarbons from organic solvents by ashes wastes. Journal of Hazardous Materials, 2010, 178, 273-281.	12.4	52
39	Behaviour of thermal waters through granite rocks based on residence time and inorganic pattern. Journal of Hydrology, 2009, 373, 329-336.	5.4	21
40	Determination of metalaxyl and identification of adjuvants in wettable powder pesticide technical formulas. Analytical and Bioanalytical Chemistry, 2009, 394, 1535-1544.	3.7	31
41	Occurrence of polycyclic aromatic hydrocarbons and their hydroxylated metabolites in infant foods. Food Chemistry, 2009, 115, 814-819.	8.2	135
42	Quaternary herbicides retention by the amendment of acid soils with a bentonite-based waste from wineries. Journal of Hazardous Materials, 2009, 164, 769-775.	12.4	51
43	Comparative performance of extraction strategies for polycyclic aromatic hydrocarbons in peats. Journal of Chromatography A, 2009, 1216, 5235-5241.	3.7	47
44	Influence of major polyphenols on antioxidant activity in MencÃa and Brancellao red wines. Food Chemistry, 2009, 113, 53-60.	8.2	92
45	Survey of polycyclic aromatic hydrocarbons in canned bivalves and investigation of their potential sources. Food Research International, 2009, 42, 983-988.	6.2	61
46	Occurrence and Downslope Mobilization of Quaternary Herbicide Residues in Vineyard-Devoted Soils. Bulletin of Environmental Contamination and Toxicology, 2008, 80, 407-411.	2.7	48
47	Phenolic compounds and colour stability of VinhÃ£o wines: Influence of wine-making protocol and fining agents. Food Chemistry, 2008, 106, 18-26.	8.2	65
48	Effects of a chemical company fire on the occurrence of polycyclic aromatic hydrocarbons in plant foods. Food Chemistry, 2008, 108, 347-353.	8.2	88
49	Effects of toasting procedures on the levels of polycyclic aromatic hydrocarbons in toasted bread. Food Chemistry, 2008, 108, 607-615.	8.2	136
50	Determination of quaternary ammonium herbicides in soils. Journal of Chromatography A, 2008, 1196-1197, 110-116.	3.7	59
51	The mobility and degradation of pesticides in soils and the pollution of groundwater resources. Agriculture, Ecosystems and Environment, 2008, 123, 247-260.	5.3	982
52	The use of manures for detection and quantification of polycyclic aromatic hydrocarbons and 3-hydroxybenzo[a]pyrene in animal husbandry. Science of the Total Environment, 2008, 406, 279-286.	8.0	22
53	Determination of selected quaternary ammonium compounds by liquid chromatography with mass spectrometry. Part I. Application to surface, waste and indirect discharge water samples in Austria. Environmental Pollution, 2007, 145, 489-496.	7.5	143
54	Determination of selected quaternary ammonium compounds by liquid chromatography with mass spectrometry. Part II. Application to sediment and sludge samples in Austria. Environmental Pollution, 2007, 146, 543-547.	7.5	118

#	Article	IF	Citations
55	Environmental monitoring study of selected veterinary antibiotics in animal manure and soils in Austria. Environmental Pollution, 2007, 148, 570-579.	7.5	544
56	Influence of Copper on the Adsorption and Desorption of Paraquat, Diquat, and Difenzoquat in Vineyard Acid Soils. Journal of Agricultural and Food Chemistry, 2007, 55, 6219-6226.	5.2	49
57	Determination of phenolic compounds in wines: Influence of bottle storage of young red wines on their evolution. Food Chemistry, 2007, 105, 248-259.	8.2	125
58	Determination of selected organophosphate esters in the aquatic environment of Austria. Science of the Total Environment, 2007, 388, 290-299.	8.0	260
59	Carbofuran Sorption Kinetics by Corn Crop Soils. Bulletin of Environmental Contamination and Toxicology, 2006, 77, 267-273.	2.7	31
60	Method optimization for determination of selected perfluorinated alkylated substances in water samples. Analytical and Bioanalytical Chemistry, 2006, 386, 2123-2132.	3.7	91
61	Removal of selected pharmaceuticals, fragrances and endocrine disrupting compounds in a membrane bioreactor and conventional wastewater treatment plants. Water Research, 2005, 39, 4797-4807.	11.3	806
62	Strategic sample composition in the screening of polycyclic aromatic hydrocarbons in drinking water samples using liquid chromatography with fluorimetric detection. Journal of Chromatography A, 2004, 1056, 121-130.	3.7	21
63	Application of strategic sample composition to the screening of anti-inflammatory drugs in water samples using solid-phase microextraction. Analytica Chimica Acta, 2004, 524, 63-71.	5.4	25
64	Screening of Polychlorinated Biphenyls in Water Samples by Strategic Sample Composition-Solid Phase Extraction and Gas Chromatography Tandem Mass Spectrometry. Comparison of Different Strategies for Sample Composition. International Journal of Environmental Analytical Chemistry, 2003, 83, 269-284.	3.3	8
65	Strategically designed sample composition for fastest screening of polychlorinated biphenyl congeners in water samples. Journal of Environmental Monitoring, 2002, 4, 490-497.	2.1	10
66	Supersaturated experimental designs: new approaches to building and using it. Chemometrics and Intelligent Laboratory Systems, 2001, 57, 75-92.	3.5	19
67	Supersaturated experimental designs. New approaches to building and using it. Chemometrics and Intelligent Laboratory Systems, 2000, 52, 167-182.	3.5	29