List of Publications by Year in descending order

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ESTERAN ARAD

#	Article	IF	CITATIONS
1	Current use of high-resolution mass spectrometry in the environmental sciences. Analytical and Bioanalytical Chemistry, 2012, 403, 1251-1264.	3.7	221
2	Survey of Persistent Organochlorine Contaminants (PCBs, PCDD/Fs, and PAHs), Heavy Metals (Cu, Cd,) Tj ETQc Journal of Agricultural and Food Chemistry, 2004, 52, 992-1001.	0 0 0 rgBT 5.2	/Overlock 10 170
3	High atmosphere–ocean exchange of semivolatile aromatic hydrocarbons. Nature Geoscience, 2016, 9, 438-442.	12.9	116
4	Worldwide distribution of persistent organic pollutants in air, including results of air monitoring by passive air sampling in five continents. TrAC - Trends in Analytical Chemistry, 2013, 46, 150-161.	11.4	114
5	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. Trends in Environmental Analytical Chemistry, 2020, 27, e00090.	10.3	91
6	Evaluation of a new automated cleanup system for the analysis of polychlorinated dibenzo-p-dioxins and dibenzofurans in environmental samples. Journal of Chromatography A, 2000, 893, 383-391.	3.7	90
7	Occurrence of PCBs, PCDD/Fs, PBDEs and DDTs in Spanish breast milk: Enantiomeric fraction of chiral PCBs. Chemosphere, 2008, 70, 567-575.	8.2	80
8	Dioxin Abatement Strategies and Mass Balance at a Municipal Waste Management Plant. Environmental Science & Technology, 2002, 36, 92-99.	10.0	74
9	Ten years measuring PCDDs/PCDFs in ambient air in Catalonia (Spain). Chemosphere, 2007, 67, 1709-1714.	8.2	64
10	Levels and Trends of Polychlorinated Dibenzo-p-dioxins/Furans (PCDD/Fs) and Dioxin-like Polychlorinated Biphenyls (PCBs) in Spanish Commercial Fish and Shellfish Products, 1995â^2003. Journal of Agricultural and Food Chemistry, 2005, 53, 8406-8413.	5.2	62
11	Atmospheric-Pressure Chemical Ionization Tandem Mass Spectrometry (APGC/MS/MS) an Alternative to High-Resolution Mass Spectrometry (HRGC/HRMS) for the Determination of Dioxins. Analytical Chemistry, 2015, 87, 9047-9053.	6.5	58
12	Study on PCDDs/PCDFs and co-PCBs content in food samples from Catalonia (Spain). Chemosphere, 2002, 46, 1435-1441.	8.2	57
13	Application of DB-5ms gas chromatography column for the complete assignment of 2,3,7,8-substituted polychlorodibenzo-p-dioxins and polychlorodibenzofurans in samples from municipal waste incinerator emissions. Journal of Chromatography A, 1997, 786, 125-134.	3.7	55
14	Improvements in dioxin abatement strategies at a municipal waste management plant in Barcelona. Chemosphere, 2003, 50, 1175-1182.	8.2	53
15	Persistent Organic Pollutants in gull eggs of two species (Larus michahellis and Larus audouinii) from the Ebro delta Natural Park. Chemosphere, 2012, 88, 1306-1316.	8.2	53
16	Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis. Human Reproduction, 2015, 30, 1059-1068.	0.9	52
17	Polychlorinated Dibenzo-p-dioxin/Polychlorinated Dibenzofuran Releases into the Atmosphere from the Use of Secondary Fuels in Cement Kilns during Clinker Formation. Environmental Science & Technology, 2004, 38, 4734-4738.	10.0	51
18	The need for capacity building and first results for the Stockholm Convention Global Monitoring Plan. TrAC - Trends in Analytical Chemistry, 2013, 46, 72-84.	11.4	47

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19	Dietary intakes of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in Spain. Food Additives and Contaminants, 2004, 21, 983-991.	2.0	46
20	Assessment of toxicological status of a SW Mediterranean segment population of striped dolphin (Stenella coeruleoalba) using skin biopsy. Marine Environmental Research, 2004, 58, 269-274.	2.5	41
21	Occurrence of Cerium-, Titanium-, and Silver-Bearing Nanoparticles in the Besòs and Ebro Rivers. Environmental Science & Technology, 2020, 54, 3969-3978.	10.0	39
22	Adsorption and Desorption Behaviour of Polychlorinated Biphenyls onto Microplastics' Surfaces in Water/Sediment Systems. Toxics, 2020, 8, 59.	3.7	38
23	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. Analytica Chimica Acta, 2015, 889, 156-165.	5.4	37
24	Emissions of PCDD/Fs, PBDD/Fs, dioxin like-PCBs and PAHs from a cement plant using a long-term monitoring system. Science of the Total Environment, 2016, 571, 435-443.	8.0	36
25	Screening of suspected micro(nano)plastics in the Ebro Delta (Mediterranean Sea). Journal of Hazardous Materials, 2021, 404, 124022.	12.4	35
26	Comprehensive study on dioxin contents in binder and anti-caking agent feed additives. Chemosphere, 2002, 46, 1417-1421.	8.2	34
27	Analysis of dioxins and furans in environmental samples by GC-ion-trap MS/MS. Chemosphere, 2004, 55, 1469-1475.	8.2	34
28	Evaluation of Organochlorine Compounds (PCDDs, PCDFs, PCBs and DDTs) in Two Raptor Species Inhabiting a Mediterranean Island in Spain (8 pp). Environmental Science and Pollution Research, 2007, 14, 61-68.	5.3	33
29	Unexpected high PCB and total DDT levels in the breeding population of red kite (Milvus milvus) from Doñana National Park, south-western Spain. Environment International, 2008, 34, 73-78.	10.0	33
30	Changes in serum dioxin and PCB levels in residents around a municipal waste incinerator in Bilbao, Spain. Environmental Research, 2017, 156, 738-746.	7.5	32
31	Assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans in sludges according to the European environmental policy. Environment International, 2007, 33, 1040-1047.	10.0	31
32	Occurrence of C60 and related fullerenes in the Sava River under different hydrologic conditions. Science of the Total Environment, 2018, 643, 1108-1116.	8.0	31
33	Results and evaluation of the first study of organochlorine contaminants (PCDDs, PCDFs, PCBs and) Tj ETQq1 1 2005, 133, 139-146.	0.784314 7.5	rgBT /Overlo 30
34	Suitability of several carbon sorbents for the fractionation of various sub-groups of toxic polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. Journal of Chromatography A, 2001, 917, 227-237.	3.7	29
35	Metabolic Responses of <i>Mytilus galloprovincialis</i> to Fullerenes in Mesocosm Exposure Experiments. Environmental Science & Technology, 2018, 52, 1002-1013.	10.0	29
36	Assessment of the emission of PCDD/Fs and dioxin-like PCBs from an industrial area over a nearby town using a selective wind direction sampling device. Environmental Pollution, 2010, 158, 764-769.	7.5	27

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37	Long-term sampling of dioxin-like substances from a clinker kiln stack using alternative fuels. Science of the Total Environment, 2014, 485-486, 528-533.	8.0	27
38	Background Concentrations of Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls in the Global Oceanic Atmosphere. Environmental Science & Technology, 2014, 48, 10198-10207.	10.0	27
39	Transformation of C60 fullerene aggregates suspended and weathered under realistic environmental conditions. Carbon, 2018, 128, 54-62.	10.3	26
40	EROD induction and PCDD/F levels in fish liver from the Biobio River in Chile. Chemosphere, 2005, 60, 829-835.	8.2	25
41	Ion-Trap Tandem Mass Spectrometry for the Analysis of Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, and Dioxin-like Polychlorinated Biphenyls in Food. Journal of Agricultural and Food Chemistry, 2007, 55, 10531-10539.	5.2	25
42	Analysis of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in vegetable oil samples by gas chromatography–ion trap tandem mass spectrometry. Journal of Chromatography A, 2007, 1149, 321-332.	3.7	24
43	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, and Biphenyls in Plankton. Environmental Science & Technology, 2015, 49, 13853-13861.	10.0	24
44	Influence of trophic ecology on the accumulation of dioxins and furans (PCDD/Fs), non-ortho polychlorinated biphenyls (PCBs), and polybrominated diphenyl ethers (PBDEs) in Mediterranean gulls (Larus michahellis and L. audouinii): A three-isotope approach. Environmental Pollution, 2016, 212, 307-315.	7.5	24
45	Levels of regulated POPs in fish samples from the Sava River Basin. Comparison to legislated quality standard values. Science of the Total Environment, 2019, 647, 20-28.	8.0	24
46	Suitability of selective pressurized liquid extraction combined with gas chromatography–ion-trap tandem mass spectrometry for the analysis of polybrominated diphenyl ethers. Analytica Chimica Acta, 2010, 678, 73-81.	5.4	23
47	Biological monitoring of PCDD/Fs and PCBs in the City of Mataró. A population-based cohort study (1995–2012). Science of the Total Environment, 2013, 461-462, 612-617.	8.0	22
48	Effects on growth and biochemical responses in juvenile gilthead seabream â€~Sparus aurata' after long-term dietary exposure to low levels of dioxins. Chemosphere, 2008, 73, S303-S310.	8.2	21
49	EVALUATION OF ORGANOCHLORINE COMPOUNDS IN PEREGRINE FALCON (FALCO PEREGRINUS) AND THEIR MAIN PREY (COLUMBA LIVIA) INHABITING CENTRAL SPAIN. Environmental Toxicology and Chemistry, 2005, 24, 2088.	4.3	19
50	PCDD/Fs in ambient air: TSP and PM10 sampler comparison. Atmospheric Environment, 2006, 40, 567-573.	4.1	18
51	Long-Term Worldwide QA/QC of Dioxins and Dioxin-like PCBs in Environmental Samples. Analytical Chemistry, 2008, 80, 3956-3964.	6.5	18
52	Results for PCDD/PCDF and dl-PCBs in the First Round of UNEPs Biennial Global Interlaboratory Assessment on Persistent Organic Pollutants. TrAC - Trends in Analytical Chemistry, 2013, 46, 98-109.	11.4	18
53	Assessment of POPs in air from Spain using passive sampling from 2008 to 2015. Part II: Spatial and temporal observations of PCDD/Fs and dl-PCBs. Science of the Total Environment, 2018, 634, 1669-1679.	8.0	18
54	Surveillance programme on dioxin levels in soils in the Campo de Gibraltar (Southwest Spain). Chemosphere, 2006, 65, 382-389.	8.2	17

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55	Dioxin compounds in the deep-sea rose shrimp Aristeus antennatus (Risso, 1816) throughout the Mediterranean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 1895-1906.	1.4	16
56	Analytical approach and occurrence for the determination of mass concentration of PCDD/PCDF and dl-PCB in flue gas emissions using long-term sampling devices. Science of the Total Environment, 2012, 435-436, 7-13.	8.0	16
57	The Spanish dioxin inventory Part I: incineration as municipal waste management system. Chemosphere, 2001, 43, 683-688.	8.2	15
58	Towards comparable POPs data worldwide with global monitoring data and analytical capacity building in Africa, Central and Latin America, and the South Pacific. TrAC - Trends in Analytical Chemistry, 2013, 46, 85-97.	11.4	15
59	Evidence for a Specific Pattern of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Bivalves. Environmental Science & Technology, 2003, 37, 5090-5096.	10.0	14
60	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in placentas from the Spanish INMA birth cohort study. Science of the Total Environment, 2012, 441, 49-56.	8.0	14
61	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW) Tj ETQq1 1	0.784314 3.2	4 rgBT /Overl
62	Meeting the European Commission performance criteria for the use of triple quadrupole GC-MS/MS as a confirmatory method for PCDD/Fs and dl-PCBs in food and feed samples. Analytical and Bioanalytical Chemistry, 2016, 408, 3511-3525.	3.7	13
63	Dioxins and dl-PCBs in gull eggs from Spanish Natural Parks (2010–2013). Science of the Total Environment, 2016, 550, 114-122.	8.0	13
64	Air monitoring with passive samplers for dioxin-like persistent organic pollutants in developing countries (2017–2019). Chemosphere, 2022, 287, 131931.	8.2	13
65	Surveillance programme on dioxin levels in ambient air sites in Catalonia (Spain). Chemosphere, 2002, 49, 697-702.	8.2	12
66	Uncertainty assessment of polychlorinated dibenzo-p-dioxins and dibenzofuran and dioxin-like polychlorinated biphenyl analysis in stationary source sample emissions in accordance with the impending European standard EN-1948 using fly ashes. Journal of Chromatography A, 2009, 1216, 5888-5894.	3.7	12
67	Long-term monitoring programme of polychlorinated dioxins and polychlorinated furans in ambient air of Catalonia, Spain (1994–2015). Science of the Total Environment, 2018, 633, 738-744.	8.0	12
68	Dioxin emissions from thermal waste management in MedellÃn, Colombia: Present regulation status and preliminary results. Waste Management, 2007, 27, 1603-1610.	7.4	11
69	PCDD/F and DL-PCB levels in meat from broilers and rabbits fed with fish-oil enriched feeds. Chemosphere, 2010, 78, 175-184.	8.2	11
70	POPs analysis reveals issues in bringing laboratories in developing countries to a higher quality level. TrAC - Trends in Analytical Chemistry, 2013, 46, 198-206.	11.4	11
71	Potential of gas chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry for screening and quantification of hexabromocyclododecane. Analytical and Bioanalytical Chemistry, 2016, 408, 449-459.	3.7	11
72	Bioconcentration and bioaccumulation of C60 fullerene and C60 epoxide in biofilms and freshwater snails (Radix sp.). Environmental Research, 2020, 180, 108715.	7.5	10

ESTEBAN ABAD

#	Article	IF	CITATIONS
73	Qualitative and quantitative changes in traffic and waste incineration PCDD/Fs in urban air and soils under different seasonal conditions (Metropolitan Area of Barcelona). Science of the Total Environment, 2021, 753, 142149.	8.0	10
74	Organochlorine compounds in liver and concentrations of vitellogenin and 17β-estradiol in plasma of sea bass fed with a commercial or with a natural diet. Aquatic Toxicology, 2005, 75, 306-15.	4.0	8
75	Evaluation of the Spanish hot dip galvanising sector as a source of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. Chemosphere, 2008, 71, 1127-1134.	8.2	7
76	Surveillance of dioxins and polychlorinated biphenyls (PCBs) in food commercialized in Barcelona, Spain. Food Additives and Contaminants: Part B Surveillance, 2009, 2, 66-73.	2.8	7
77	Differences in retention of dioxin-like compounds and organochlorinated insecticides on an immunochromatographic column. Interpretation and applicability. Journal of Separation Science, 2004, 27, 1093-1101.	2.5	6
78	Decontamination trends in the aquacultured fish gilthead seabream (Sparus aurata) after feeding long-term a PCDD/F spiked feed. Chemosphere, 2011, 82, 64-71.	8.2	3
79	Dioxins in beef samples from Mexico using a low resolution GC/MS screening method. Food Additives and Contaminants: Part B Surveillance, 2010, 3, 64-72.	2.8	2
80	V Reunión Nacional de Dioxinas, Furanos y Compuestos Orgánicos Persistentes Relacionados & VIII Reunión de la Sociedad Española de EspectrometrÃa de Masas. Science of the Total Environment, 2018, 640-641, 41.	8.0	0