

Esteban Abad

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79
papers

2,299
citations

26
h-index

44
g-index

80
ext. papers

2,526
ext. citations

8.3
avg, IF

4.69
L-index

#	Paper	IF	Citations
79	Current use of high-resolution mass spectrometry in the environmental sciences. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 1251-64	4.4	191
78	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
77	Worldwide distribution of persistent organic pollutants in air, including results of air monitoring by passive air sampling in five continents. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 46, 150-161	14.6	97
76	Evaluation of a new automated cleanup system for the analysis of polychlorinated dibenzo-p-dioxins and dibenzofurans in environmental samples. <i>Journal of Chromatography A</i> , 2000 , 893, 383-91	4.5	86
75	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016 , 9, 438-442	18.3	79
74	Dioxin abatement strategies and mass balance at a municipal waste management plant. <i>Environmental Science & Technology</i> , 2002 , 36, 92-9	10.3	68
73	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
72	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
71	Study on PCDDs/PCDFs and co-PCBs content in food samples from Catalonia (Spain). <i>Chemosphere</i> , 2002 , 46, 1435-41	8.4	57
70	Ten years measuring PCDDs/PCDFs in ambient air in Catalonia (Spain). <i>Chemosphere</i> , 2007 , 67, 1709-14	8.4	56
69	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. <i>Journal of Chromatography A</i> , 1997 , 786, 125-134	4.5	55
68	Atmospheric-pressure chemical ionization tandem mass spectrometry (APGC/MS/MS) an alternative to high-resolution mass spectrometry (HRGC/HRMS) for the determination of dioxins. <i>Analytical Chemistry</i> , 2015 , 87, 9047-53	7.8	52
67	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. <i>Trends in Environmental Analytical Chemistry</i> , 2020 , 27, e00090	12	50
66	Persistent Organic Pollutants in gull eggs of two species (<i>Larus michahellis</i> and <i>Larus audouinii</i>) from the Ebro delta Natural Park. <i>Chemosphere</i> , 2012 , 88, 1306-16	8.4	48
65	Improvements in dioxin abatement strategies at a municipal waste management plant in Barcelona. <i>Chemosphere</i> , 2003 , 50, 1175-82	8.4	45
64	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
63	Polychlorinated dibenzo-p-dioxin/polychlorinated dibenzofuran releases into the atmosphere from the use of secondary fuels in cement kilns during clinker formation. <i>Environmental Science & Technology</i> , 2004 , 38, 4734-8	10.3	44

62	Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis. <i>Human Reproduction</i> , 2015 , 30, 1059-68	5.7	41
61	Assessment of toxicological status of a SW Mediterranean segment population of striped dolphin (<i>Stenella coeruleoalba</i>) using skin biopsy. <i>Marine Environmental Research</i> , 2004 , 58, 269-74	3.3	36
60	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
59	The need for capacity building and first results for the Stockholm Convention Global Monitoring Plan. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 46, 72-84	14.6	34
58	Comprehensive study on dioxin contents in binder and anti-caking agent feed additives. <i>Chemosphere</i> , 2002 , 46, 1417-21	8.4	32
57	Analysis of dioxins and furans in environmental samples by GC-ion-trap MS/MS. <i>Chemosphere</i> , 2004 , 55, 1469-75	8.4	30
56	Evaluation of Organochlorine Compounds (PCDDs, PCDFs, PCBs and DDTs) in Two Raptor Species Inhabiting a Mediterranean Island in Spain (8 pp). <i>Environmental Science and Pollution Research</i> , 2007 , 14 Suppl 1, 61-8	5.1	27
55	Assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans in sludges according to the European environmental policy. <i>Environment International</i> , 2007 , 33, 1040-7	12.9	27
54	Background concentrations of polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls in the global oceanic atmosphere. <i>Environmental Science & Technology</i> , 2014 , 48, 10198-207	10.3	26
53	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. <i>Environmental Pollution</i> , 2010 , 158, 764-9	9.3	26
52	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
51	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
50	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
49	Changes in serum dioxin and PCB levels in residents around a municipal waste incinerator in Bilbao, Spain. <i>Environmental Research</i> , 2017 , 156, 738-746	7.9	24
48	Emissions of PCDD/Fs, PBDD/Fs, dioxin like-PCBs and PAHs from a cement plant using a long-term monitoring system. <i>Science of the Total Environment</i> , 2016 , 571, 435-43	10.2	24
47	Suitability of selective pressurized liquid extraction combined with gas chromatography-ion-trap tandem mass spectrometry for the analysis of polybrominated diphenyl ethers. <i>Analytica Chimica Acta</i> , 2010 , 678, 73-81	6.6	23
46	Ion-trap tandem mass spectrometry for the analysis of polychlorinated dibenzo-p-dioxins, dibenzofurans, and dioxin-like polychlorinated biphenyls in food. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 10531-9	5.7	22
45	Metabolic Responses of <i>Mytilus galloprovincialis</i> to Fullerenes in Mesocosm Exposure Experiments. <i>Environmental Science & Technology</i> , 2018 , 52, 1002-1013	10.3	21

44	Occurrence of C and related fullerenes in the Sava River under different hydrologic conditions. <i>Science of the Total Environment</i> , 2018 , 643, 1108-1116	10.2	21
43	Biological monitoring of PCDD/Fs and PCBs in the City of MataróA population-based cohort study (1995-2012). <i>Science of the Total Environment</i> , 2013 , 461-462, 612-7	10.2	20
42	Long-term sampling of dioxin-like substances from a clinker kiln stack using alternative fuels. <i>Science of the Total Environment</i> , 2014 , 485-486, 528-533	10.2	20
41	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 (<i>Larus michahellis</i> and <i>L. audouinii</i>): A three-isotope approach. <i>Environmental Pollution</i> , 2016 , 206-217	9.3	19
40	Analysis of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in vegetable oil samples by gas chromatography-ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1149, 321-32	4.5	19
39	Evaluation of organochlorine compounds in peregrine falcon (<i>Falco peregrinus</i>) and their main prey (<i>Columba livia</i>) inhabiting central Spain. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2088-93	3.8	19
38	Transformation of C60 fullerene aggregates suspended and weathered under realistic environmental conditions. <i>Carbon</i> , 2018 , 128, 54-62	10.4	19
37	Effects on growth and biochemical responses in juvenile gilthead seabream (<i>Sparus aurata</i>) after long-term dietary exposure to low levels of dioxins. <i>Chemosphere</i> , 2008 , 73, S303-10	8.4	18
36	Long-term worldwide QA/QC of dioxins and dioxin-like PCBs in environmental samples. <i>Analytical Chemistry</i> , 2008 , 80, 3956-64	7.8	18
35	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
34	Occurrence of Cerium-, Titanium-, and Silver-Bearing Nanoparticles in the Besòs and Ebro Rivers. <i>Environmental Science & Technology</i> , 2020 , 54, 3969-3978	10.3	17
33	Levels of regulated POPs in fish samples from the Sava River Basin. Comparison to legislated quality standard values. <i>Science of the Total Environment</i> , 2019 , 647, 20-28	10.2	17
32	Results for PCDD/PCDF and dl-PCBs in the First Round of UNEPs Biennial Global Interlaboratory Assessment on Persistent Organic Pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 46, 98-109	14.6	17
31	Adsorption and Desorption Behaviour of Polychlorinated Biphenyls onto Microplastics Surfaces in Water/Sediment Systems. <i>Toxics</i> , 2020 , 8,	4.7	17
30	PCDD/Fs in ambient air: TSP and PM10 sampler comparison. <i>Atmospheric Environment</i> , 2006 , 40, 567-573	5.3	16
29	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo-p-dioxins, Dibenzofurans, and Biphenyls in Plankton. <i>Environmental Science & Technology</i> , 2015 , 49, 13853-61	10.3	15
28	Surveillance programme on dioxin levels in soils in the Campo de Gibraltar (southwest Spain). <i>Chemosphere</i> , 2006 , 65, 382-9	8.4	15
27	Screening of suspected micro(nano)plastics in the Ebro Delta (Mediterranean Sea). <i>Journal of Hazardous Materials</i> , 2021 , 404, 124022	12.8	15

26	Dioxin compounds in the deep-sea rose shrimp <i>Aristeus antennatus</i> (Risso, 1816) throughout the Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006 , 53, 1895-1906	2.5	14
25	Evidence for a specific pattern of polychlorinated dibenzo-p-dioxins and dibenzofurans in bivalves. <i>Environmental Science & Technology</i> , 2003 , 37, 5090-6	10.3	14
24	The Spanish dioxin inventory part I: Incineration as municipal waste management system. <i>Chemosphere</i> , 2001 , 43, 683-8	8.4	14
23	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. <i>Science of the Total Environment</i> , 2018 , 634, 1669-1679	10.2	14
22	Levels of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in placentas from the Spanish INMA birth cohort study. <i>Science of the Total Environment</i> , 2012 , 441, 49-56	10.2	13
21	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. <i>Science of the Total Environment</i> , 2012 , 435-436, 7-13	10.2	13
20	Towards comparable POPs data worldwide with global monitoring data and analytical capacity building in Africa, Central and Latin America, and the South Pacific. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 46, 85-97	14.6	13
19	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Mediterranean). <i>Progress in Oceanography</i> , 2013 , 118, 260-272	3.8	12
18	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. <i>Journal of Chromatography A</i> , 2009 , 1216, 5888-94	4.5	12
17	Dioxins and dl-PCBs in gull eggs from Spanish Natural Parks (2010-2013). <i>Science of the Total Environment</i> , 2016 , 550, 114-122	10.2	11
16	Surveillance programme on dioxin levels in ambient air sites in Catalonia (Spain). <i>Chemosphere</i> , 2002 , 49, 697-702	8.4	11
15	Potential of gas chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry for screening and quantification of hexabromocyclododecane. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 449-59	4.4	10
14	POPs analysis reveals issues in bringing laboratories in developing countries to a higher quality level. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 46, 198-206	14.6	10
13	PCDD/F and DL-PCB levels in meat from broilers and rabbits fed with fish-oil enriched feeds. <i>Chemosphere</i> , 2010 , 78, 175-84	8.4	10
12	Dioxin emissions from thermal waste management in Medellín, Colombia: present regulation status and preliminary results. <i>Waste Management</i> , 2007 , 27, 1603-10	8.6	10
11	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. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3511-25	4.4	8
10	Evaluation of the Spanish hot dip galvanising sector as a source of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. <i>Chemosphere</i> , 2008 , 71, 1127-34	8.4	7
9	Long-term monitoring programme of polychlorinated dioxins and polychlorinated furans in ambient air of Catalonia, Spain (1994-2015). <i>Science of the Total Environment</i> , 2018 , 633, 738-744	10.2	6

8	Organochlorine compounds in liver and concentrations of vitellogenin and 17beta-estradiol in plasma of sea bass fed with a commercial or with a natural diet. <i>Aquatic Toxicology</i> , 2005 , 75, 306-15	5.1	6
7	Surveillance of dioxins and polychlorinated biphenyls (PCBs) in food commercialized in Barcelona, Spain. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2009 , 2, 66-73	3.3	5
6	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
5	Decontamination trends in the aquacultured fish gilthead seabream (<i>Sparus aurata</i>) after feeding long-term a PCDD/F spiked feed. <i>Chemosphere</i> , 2011 , 82, 64-71	8.4	3
4	Qualitative and quantitative changes in traffic and waste incineration PCDD/Fs in urban air and soils under different seasonal conditions (Metropolitan Area of Barcelona). <i>Science of the Total Environment</i> , 2021 , 753, 142149	10.2	3
3	Bioconcentration and bioaccumulation of C fullerene and C epoxide in biofilms and freshwater snails (<i>Radix</i> sp.). <i>Environmental Research</i> , 2020 , 180, 108715	7.9	2
2	Dioxins in beef samples from Mexico using a low resolution GC/MS screening method. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2010 , 3, 64-72	3.3	1
1	Air monitoring with passive samplers for dioxin-like persistent organic pollutants in developing countries (2017-2019). <i>Chemosphere</i> , 2022 , 287, 131931	8.4	1