

Esteban Abad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7774344/publications.pdf>

Version: 2024-02-01

80
papers

2,799
citations

159525

30
h-index

197736

49
g-index

80
all docs

80
docs citations

80
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Current use of high-resolution mass spectrometry in the environmental sciences. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1251-1264.	1.9	221
2	Survey of Persistent Organochlorine Contaminants (PCBs, PCDD/Fs, and PAHs), Heavy Metals (Cu, Cd,) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 992-1001.	2.4	170
3	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016, 9, 438-442.	5.4	116
4	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.	5.8	114
5	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 27, e00090.	5.3	91
6	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, 383-391.	1.8	90
7	Occurrence of PCBs, PCDD/Fs, PBDEs and DDTs in Spanish breast milk: Enantiomeric fraction of chiral PCBs. <i>Chemosphere</i> , 2008, 70, 567-575.	4.2	80
8	Dioxin Abatement Strategies and Mass Balance at a Municipal Waste Management Plant. <i>Environmental Science & Technology</i> , 2002, 36, 92-99.	4.6	74
9	Ten years measuring PCDDs/PCDFs in ambient air in Catalonia (Spain). <i>Chemosphere</i> , 2007, 67, 1709-1714.	4.2	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, 1995-2003. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8406-8413.	2.4	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. <i>Analytical Chemistry</i> , 2015, 87, 9047-9053.	3.2	58
12	Study on PCDDs/PCDFs and co-PCBs content in food samples from Catalonia (Spain). <i>Chemosphere</i> , 2002, 46, 1435-1441.	4.2	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. <i>Journal of Chromatography A</i> , 1997, 786, 125-134.	1.8	55
14	Improvements in dioxin abatement strategies at a municipal waste management plant in Barcelona. <i>Chemosphere</i> , 2003, 50, 1175-1182.	4.2	53
15	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, 1306-1316.	4.2	53
16	Increased levels of dioxin-like substances in adipose tissue in patients with deep infiltrating endometriosis. <i>Human Reproduction</i> , 2015, 30, 1059-1068.	0.4	52
17	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, 4734-4738.	4.6	51
18	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.	5.8	47

#	ARTICLE	IF	CITATIONS
19	Dietary intakes of polychlorinated dibenzo-p-dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in Spain. <i>Food Additives and Contaminants</i> , 2004, 21, 983-991.	2.0	46
20	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, 269-274.	1.1	41
21	Occurrence of Cerium-, Titanium-, and Silver-Bearing Nanoparticles in the Besos and Ebro Rivers. <i>Environmental Science & Technology</i> , 2020, 54, 3969-3978.	4.6	39
22	Adsorption and Desorption Behaviour of Polychlorinated Biphenyls onto Microplastics™ Surfaces in Water/Sediment Systems. <i>Toxics</i> , 2020, 8, 59.	1.6	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. <i>Analytica Chimica Acta</i> , 2015, 889, 156-165.	2.6	37
24	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, 435-443.	3.9	36
25	Screening of suspected micro(nano)plastics in the Ebro Delta (Mediterranean Sea). <i>Journal of Hazardous Materials</i> , 2021, 404, 124022.	6.5	35
26	Comprehensive study on dioxin contents in binder and anti-caking agent feed additives. <i>Chemosphere</i> , 2002, 46, 1417-1421.	4.2	34
27	Analysis of dioxins and furans in environmental samples by GC-ion-trap MS/MS. <i>Chemosphere</i> , 2004, 55, 1469-1475.	4.2	34
28	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, 61-68.	2.7	33
29	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, 73-78.	4.8	33
30	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.	3.7	32
31	Assessment of polychlorinated dibenzo-p-dioxins and dibenzofurans in sludges according to the European environmental policy. <i>Environment International</i> , 2007, 33, 1040-1047.	4.8	31
32	Occurrence of C60 and related fullerenes in the Sava River under different hydrologic conditions. <i>Science of the Total Environment</i> , 2018, 643, 1108-1116.	3.9	31
33	Results and evaluation of the first study of organochlorine contaminants (PCDDs, PCDFs, PCBs and) Tj ETQq1 1 0.784314 rgBT /Overbo 2005, 133, 139-146.	3.7	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. <i>Journal of Chromatography A</i> , 2001, 917, 227-237.	1.8	29
35	Metabolic Responses of <i>Mytilus galloprovincialis</i> to Fullerenes in Mesocosm Exposure Experiments. <i>Environmental Science & Technology</i> , 2018, 52, 1002-1013.	4.6	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. <i>Environmental Pollution</i> , 2010, 158, 764-769.	3.7	27

#	ARTICLE	IF	CITATIONS
37	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.	3.9	27
38	Background Concentrations of Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls in the Global Oceanic Atmosphere. <i>Environmental Science & Technology</i> , 2014, 48, 10198-10207.	4.6	27
39	Transformation of C60 fullerene aggregates suspended and weathered under realistic environmental conditions. <i>Carbon</i> , 2018, 128, 54-62.	5.4	26
40	EROD induction and PCDD/F levels in fish liver from the Biobio River in Chile. <i>Chemosphere</i> , 2005, 60, 829-835.	4.2	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. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10531-10539.	2.4	25
42	Analysis of polychlorinated dibenzo- <i>p</i> -dioxins, dibenzofurans and dioxin-like polychlorinated biphenyls in vegetable oil samples by gas chromatography- <i>ion trap tandem mass spectrometry</i> . <i>Journal of Chromatography A</i> , 2007, 1149, 321-332.	1.8	24
43	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, and Biphenyls in Plankton. <i>Environmental Science & Technology</i> , 2015, 49, 13853-13861.	4.6	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 (<i>Larus michahellis</i> and <i>L. audouinii</i>): A three-isotope approach. <i>Environmental Pollution</i> , 2016, 212, 307-315.	3.7	24
45	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.	3.9	24
46	Suitability of selective pressurized liquid extraction combined with gas chromatography- <i>ion-trap tandem mass spectrometry</i> for the analysis of polybrominated diphenyl ethers. <i>Analytica Chimica Acta</i> , 2010, 678, 73-81.	2.6	23
47	Biological monitoring of PCDD/Fs and PCBs in the City of Mataró. A population-based cohort study (1995-2012). <i>Science of the Total Environment</i> , 2013, 461-462, 612-617.	3.9	22
48	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-S310.	4.2	21
49	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.	2.2	19
50	PCDD/Fs in ambient air: TSP and PM10 sampler comparison. <i>Atmospheric Environment</i> , 2006, 40, 567-573.	1.9	18
51	Long-Term Worldwide QA/QC of Dioxins and Dioxin-like PCBs in Environmental Samples. <i>Analytical Chemistry</i> , 2008, 80, 3956-3964.	3.2	18
52	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.	5.8	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. <i>Science of the Total Environment</i> , 2018, 634, 1669-1679.	3.9	18
54	Surveillance programme on dioxin levels in soils in the Campo de Gibraltar (Southwest Spain). <i>Chemosphere</i> , 2006, 65, 382-389.	4.2	17

#	ARTICLE	IF	CITATIONS
55	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.	0.6	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. <i>Science of the Total Environment</i> , 2012, 435-436, 7-13.	3.9	16
57	The Spanish dioxin inventory Part I: incineration as municipal waste management system. <i>Chemosphere</i> , 2001, 43, 683-688.	4.2	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. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 46, 85-97.	5.8	15
59	Evidence for a Specific Pattern of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Bivalves. <i>Environmental Science & Technology</i> , 2003, 37, 5090-5096.	4.6	14
60	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.	3.9	14
61	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Tj ETQq1 1 0.784314 rgBT /Overbo 1.5 14	1.5	14
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. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3511-3525.	1.9	13
63	Dioxins and dl-PCBs in gull eggs from Spanish Natural Parks (2010-2013). <i>Science of the Total Environment</i> , 2016, 550, 114-122.	3.9	13
64	Air monitoring with passive samplers for dioxin-like persistent organic pollutants in developing countries (2017-2019). <i>Chemosphere</i> , 2022, 287, 131931.	4.2	13
65	Surveillance programme on dioxin levels in ambient air sites in Catalonia (Spain). <i>Chemosphere</i> , 2002, 49, 697-702.	4.2	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. <i>Journal of Chromatography A</i> , 2009, 1216, 5888-5894.	1.8	12
67	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.	3.9	12
68	Dioxin emissions from thermal waste management in Medellín, Colombia: Present regulation status and preliminary results. <i>Waste Management</i> , 2007, 27, 1603-1610.	3.7	11
69	PCDD/F and DL-PCB levels in meat from broilers and rabbits fed with fish-oil enriched feeds. <i>Chemosphere</i> , 2010, 78, 175-184.	4.2	11
70	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.	5.8	11
71	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, 449-459.	1.9	11
72	Bioconcentration and bioaccumulation of C60 fullerene and C60 epoxide in biofilms and freshwater snails (<i>Radix</i> sp.). <i>Environmental Research</i> , 2020, 180, 108715.	3.7	10

#	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). <i>Science of the Total Environment</i> , 2021, 753, 142149.	3.9	10
74	Organochlorine compounds in liver and concentrations of vitellogenin and 17 β -estradiol in plasma of sea bass fed with a commercial or with a natural diet. <i>Aquatic Toxicology</i> , 2005, 75, 306-15.	1.9	8
75	Evaluation of the Spanish hot dip galvanising sector as a source of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. <i>Chemosphere</i> , 2008, 71, 1127-1134.	4.2	7
76	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.	1.3	7
77	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, 1093-1101.	1.3	6
78	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.	4.2	3
79	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.	1.3	2
80	V Reunión Nacional de Dioxinas, Furanos y Compuestos Orgánicos Persistentes Relacionados & VIII Reunión de la Sociedad Española de Espectrometría de Masas. <i>Science of the Total Environment</i> , 2018, 640-641, 41.	3.9	0