

# Javier Castro-Jimnez

## List of Publications by Citations

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49  
papers

1,446  
citations

23  
h-index

37  
g-index

51  
ext. papers

1,791  
ext. citations

8.5  
avg, IF

4.8  
L-index

#	Paper	IF	Citations
49	Organophosphate ester (OPE) flame retardants and plasticizers in the open Mediterranean and Black Seas atmosphere. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3203-9	10.3	107
48	Polycyclic aromatic hydrocarbons (PAHs) in the Mediterranean Sea: atmospheric occurrence, deposition and decoupling with settling fluxes in the water column. <i>Environmental Pollution</i> , <b>2012</b> , 166, 40-7	9.3	103
47	Biogeochemical and physical controls on concentrations of polycyclic aromatic hydrocarbons in water and plankton of the Mediterranean and Black Seas. <i>Global Biogeochemical Cycles</i> , <b>2011</b> , 25, n/a-n/a <sup>5.9</sup>		97
46	Persistent organic pollutants in Mediterranean seawater and processes affecting their accumulation in plankton. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 4315-22	10.3	93
45	Macro-litter in surface waters from the Rhone River: Plastic pollution and loading to the NW Mediterranean Sea. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 146, 60-66	6.7	81
44	Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12831-12839	10.3	78
43	PCDD/F and PCB multi-media ambient concentrations, congener patterns and occurrence in a Mediterranean coastal lagoon (Etang de Thau, France). <i>Environmental Pollution</i> , <b>2008</b> , 156, 123-35	9.3	58
42	Atmospheric concentrations, occurrence and deposition of persistent organic pollutants (POPs) in a Mediterranean coastal site (Etang de Thau, France). <i>Environmental Pollution</i> , <b>2011</b> , 159, 1948-56	9.3	52
41	Atmospheric input of POPs into Lake Maggiore (Northern Italy): PBDE concentrations and profile in air, precipitation, settling material and sediments. <i>Chemosphere</i> , <b>2008</b> , 73, S114-21	8.4	50
40	Occurrence of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs), polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in Lake Maggiore (Italy and Switzerland). <i>Journal of Environmental Monitoring</i> , <b>2007</b> , 9, 589-98		50
39	Atmospheric occurrence and deposition of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in the open Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 5456-63	10.3	43
38	Multiresidue analysis of insecticides in soil by gas chromatography with electron-capture detection and confirmation by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2001</b> , 918, 371-80	4.5	43
37	Floating macrolitter leaked from Europe into the ocean. <i>Nature Sustainability</i> , <b>2021</b> , 4, 474-483	22.1	34
36	Atmospheric occurrence, transport and deposition of polychlorinated biphenyls and hexachlorobenzene in the Mediterranean and Black seas. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 8947-8959	6.8	33
35	Laboratory intercomparison study for the analysis of nonylphenol and octylphenol in river water. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 89-95	14.6	33
34	Atmospheric input of POPs into Lake Maggiore (Northern Italy): PCDD/F and dioxin-like PCB profiles and fluxes in the atmosphere and aquatic system. <i>Chemosphere</i> , <b>2008</b> , 73, S122-30	8.4	32
33	Occurrence of organic plastic additives in surface waters of the Rhône River (France). <i>Environmental Pollution</i> , <b>2020</b> , 257, 113637	9.3	32

32	The Amazon River: A Major Source of Organic Plastic Additives to the Tropical North Atlantic?. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 7513-7521	10.3	27
31	Polychlorinated biphenyls (PCBs) in the atmosphere of sub-alpine northern Italy. <i>Environmental Pollution</i> , <b>2009</b> , 157, 1024-32	9.3	27
30	Occurrence, Loading, and Exposure of Atmospheric Particle-Bound POPs at the African and European Edges of the Western Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13180-13189	10.3	25
29	Atmospheric particle-bound organophosphate ester flame retardants and plasticizers in a North African Mediterranean coastal city (Bizerte, Tunisia). <i>Science of the Total Environment</i> , <b>2018</b> , 642, 383-393	10.2	25
28	On the use of the partitioning approach to derive Environmental Quality Standards (EQS) for persistent organic pollutants (POPs) in sediments: a review of existing data. <i>Science of the Total Environment</i> , <b>2008</b> , 403, 23-33	10.2	24
27	Seasonal soil/snow-air exchange of semivolatile organic pollutants at a coastal arctic site (Tromsø 69°N). <i>Science of the Total Environment</i> , <b>2018</b> , 636, 1109-1116	10.2	24
26	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 163-70	10.2	22
25	Levels and risk assessment of hydrocarbons and organochlorines in aerosols from a North African coastal city (Bizerte, Tunisia). <i>Environmental Pollution</i> , <b>2018</b> , 240, 422-431	9.3	20
24	Analysis of endosulfan isomers and endosulfan sulfate in air and tomato leaves by gas chromatography with electron-capture detection and confirmation by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2002</b> , 947, 119-27	4.5	19
23	Phthalates and organophosphate esters in surface water, sediments and zooplankton of the NW Mediterranean Sea: Exploring links with microplastic abundance and accumulation in the marine food web. <i>Environmental Pollution</i> , <b>2021</b> , 272, 115970	9.3	19
22	Monitoring atmospheric levels and deposition of dioxin-like pollutants in sub-alpine Northern Italy. <i>Atmospheric Environment</i> , <b>2012</b> , 56, 194-202	5.3	18
21	Immunoassay-based screening of polychlorinated biphenyls (PCB) in sediments: requirements for a new generation of test kits. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 894-900		17
20	Occurrence of perfluoroalkyl substances in the Bay of Marseille (NW Mediterranean Sea) and the Rhône River. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 149, 110491	6.7	16
19	Modelling the influence of thermal stratification and complete mixing on the distribution and fluxes of polychlorinated biphenyls in the water column of Ispra Bay (Lake Maggiore). <i>Chemosphere</i> , <b>2009</b> , 75, 1266-72	8.4	14
18	One-Single Extraction Procedure for the Simultaneous Determination of a Wide Range of Polar and Nonpolar Organic Contaminants in Seawater. <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4.5	14
17	Chemical-monitoring on-site exercises to harmonize analytical methods for priority substances in the European Union. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 36, 25-35	14.6	13
16	An innovative approach for the simultaneous quantitative screening of organic plastic additives in complex matrices in marine coastal areas. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 11450-11457	5.1	12
15	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Mediterranean). <i>Progress in Oceanography</i> , <b>2013</b> , 118, 260-272	3.8	12

14	Atmospheric Deposition of POPs. <i>Comprehensive Analytical Chemistry</i> , <b>2015</b> , 295-322	1.9	12
13	An integrated approach for bioaccumulation assessment in mussels: towards the development of Environmental Quality Standards for biota. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 244-52	7	10
12	Environmental occurrence of phthalate and organophosphate esters in sediments across the Gulf of Lion (NW Mediterranean Sea). <i>Science of the Total Environment</i> , <b>2021</b> , 760, 143412	10.2	10
11	Organic additive release from plastic to seawater is lower under deep-sea conditions. <i>Nature Communications</i> , <b>2021</b> , 12, 4426	17.4	9
10	Multiresidue determination in soil of pesticides used in tomato crops by sonication-assisted extraction in small columns and gas chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2004</b> , 84, 29-37	1.8	8
9	Occurrence of $\alpha$ -dicarboxylic acids and $\beta$ -oxoacids in surface waters of the Rhone River and fluxes into the Mediterranean Sea. <i>Progress in Oceanography</i> , <b>2018</b> , 163, 136-146	3.8	7
8	Sources, Transport and Deposition of Atmospheric Organic Pollutants in the Mediterranean Sea. <i>ACS Symposium Series</i> , <b>2013</b> , 231-260	0.4	6
7	Marine vegetation analysis for the determination of volatile methylsiloxanes in coastal areas. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 2364-2373	10.2	6
6	Organophosphate ester pollution in the oceans. <i>Nature Reviews Earth &amp; Environment</i> ,	30.2	4
5	Zooplankton and Plastic Additives Insights into the Chemical Pollution of the Low-Trophic Level of the Mediterranean Marine Food Web. <i>Springer Water</i> , <b>2018</b> , 121-129	0.3	2
4	Persistent Organic Pollutants Burden, Trophic Magnification and Risk in a Pelagic Food Web from Coastal NW Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 9557-9568	10.3	2
3	Diurnal Variability of Persistent Organic Pollutants in the Atmosphere over the Remote Southern Atlantic Ocean. <i>Atmosphere</i> , <b>2014</b> , 5, 622-634	2.7	1
2	Threshold values on environmental chemical contaminants in seafood in the European Economic Area. <i>Food Control</i> , <b>2022</b> , 138, 108978	6.2	1
1	How Enhancing Atmospheric Monitoring and Modelling can be Effective for the Stockholm Convention on POPs. <i>Atmosphere</i> , <b>2013</b> , 4, 445-471	2.7	