

# Javier Castro-Jiménez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1656130/publications.pdf>

Version: 2024-02-01

49  
papers

2,207  
citations

185998

28  
h-index

223531

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macro-litter in surface waters from the Rhone River: Plastic pollution and loading to the NW Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2019, 146, 60-66.	2.3	146
2	Floating macrolitter leaked from Europe into the ocean. <i>Nature Sustainability</i> , 2021, 4, 474-483.	11.5	137
3	Polycyclic aromatic hydrocarbons (PAHs) in the Mediterranean Sea: Atmospheric occurrence, deposition and decoupling with settling fluxes in the water column. <i>Environmental Pollution</i> , 2012, 166, 40-47.	3.7	134
4	Organophosphate Ester (OPE) Flame Retardants and Plasticizers in the Open Mediterranean and Black Seas Atmosphere. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3203-3209.	4.6	132
5	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> , 2011, 25, n/a-n/a.	1.9	126
6	Persistent Organic Pollutants in Mediterranean Seawater and Processes Affecting Their Accumulation in Plankton. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4315-4322.	4.6	112
7	Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12831-12839.	4.6	109
8	Occurrence of organic plastic additives in surface waters of the Rhône River (France). <i>Environmental Pollution</i> , 2020, 257, 113637.	3.7	75
9	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> , 2021, 272, 115970.	3.7	75
10	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> , 2008, 156, 123-135.	3.7	61
11	Atmospheric input of POPs into Lake Maggiore (Northern Italy): PBDE concentrations and profile in air, precipitation, settling material and sediments. <i>Chemosphere</i> , 2008, 73, S114-S121.	4.2	59
12	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> , 2001, 918, 371-380.	1.8	57
13	Atmospheric concentrations, occurrence and deposition of persistent organic pollutants (POPs) in a Mediterranean coastal site (Etang de Thau, France). <i>Environmental Pollution</i> , 2011, 159, 1948-1956.	3.7	56
14	Organic additive release from plastic to seawater is lower under deep-sea conditions. <i>Nature Communications</i> , 2021, 12, 4426.	5.8	55
15	Organophosphate ester pollution in the oceans. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 309-322.	12.2	55
16	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> , 2007, 9, 589-598.	2.1	53
17	The Amazon River: A Major Source of Organic Plastic Additives to the Tropical North Atlantic?. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7513-7521.	4.6	47
18	Atmospheric Occurrence and Deposition of Polychlorinated Dibenzo- <i>p</i> -Dioxins and Dibenzofurans (PCDD/Fs) in the Open Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , 2010, 44, 5456-5463.	4.6	46

#	ARTICLE	IF	CITATIONS
19	Environmental occurrence of phthalate and organophosphate esters in sediments across the Gulf of Lion (NW Mediterranean Sea). <i>Science of the Total Environment</i> , 2021, 760, 143412.	3.9	45
20	Atmospheric occurrence, transport and deposition of polychlorinated biphenyls and hexachlorobenzene in the Mediterranean and Black seas. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8947-8959.	1.9	39
21	Laboratory intercomparison study for the analysis of nonylphenol and octylphenol in river water. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 89-95.	5.8	37
22	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> , 2008, 73, S122-S130.	4.2	35
23	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> , 2018, 642, 383-393.	3.9	35
24	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> , 2017, 51, 13180-13189.	4.6	34
25	Seasonal soil/snow-air exchange of semivolatile organic pollutants at a coastal arctic site (Tromsø, Norway). <i>Environmental Science &amp; Technology</i> , 2017, 51, 13180-13189.	3.9	33
26	Occurrence of perfluoroalkyl substances in the Bay of Marseille (NW Mediterranean Sea) and the Rhône River. <i>Marine Pollution Bulletin</i> , 2019, 149, 110491.	2.3	32
27	Persistent Organic Pollutants Burden, Trophic Magnification and Risk in a Pelagic Food Web from Coastal NW Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9557-9568.	4.6	31
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> , 2008, 403, 23-33.	3.9	29
29	Polychlorinated biphenyls (PCBs) in the atmosphere of sub-alpine northern Italy. <i>Environmental Pollution</i> , 2009, 157, 1024-1032.	3.7	29
30	Levels and risk assessment of hydrocarbons and organochlorines in aerosols from a North African coastal city (Bizerte, Tunisia). <i>Environmental Pollution</i> , 2018, 240, 422-431.	3.7	29
31	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> , 2020, 27, 11450-11457.	2.7	27
32	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016, 545-546, 163-170.	3.9	26
33	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> , 2002, 947, 119-127.	1.8	23
34	One-Step Extraction Procedure for the Simultaneous Determination of a Wide Range of Polar and Nonpolar Organic Contaminants in Seawater. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	22
35	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> , 2009, 75, 1266-1272.	4.2	21
36	Immunoassay-based screening of polychlorinated biphenyls (PCB) in sediments: requirements for a new generation of test kits. <i>Journal of Environmental Monitoring</i> , 2011, 13, 894.	2.1	19

#	ARTICLE	IF	CITATIONS
37	Monitoring atmospheric levels and deposition of dioxin-like pollutants in sub-alpine Northern Italy. <i>Atmospheric Environment</i> , 2012, 56, 194-202.	1.9	18
38	Chemical-monitoring on-site exercises to harmonize analytical methods for priority substances in the European Union. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 36, 25-35.	5.8	14
39	Accumulation of dioxins in deep-sea crustaceans, fish and sediments from a submarine canyon (NW Tj ETQq1 1 0.784314 rgBT /Over	1.5	14
40	An integrated approach for bioaccumulation assessment in mussels: Towards the development of Environmental Quality Standards for biota. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 244-252.	2.9	13
41	Atmospheric Deposition of POPs. <i>Comprehensive Analytical Chemistry</i> , 2015, , 295-322.	0.7	13
42	Marine vegetation analysis for the determination of volatile methylsiloxanes in coastal areas. <i>Science of the Total Environment</i> , 2019, 650, 2364-2373.	3.9	12
43	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> , 2004, 84, 29-37.	1.8	11
44	Occurrence of $\hat{\pm}$ , $\tilde{\%}$ -dicarboxylic acids and $\tilde{\%}$ -oxoacids in surface waters of the Rhone River and fluxes into the Mediterranean Sea. <i>Progress in Oceanography</i> , 2018, 163, 136-146.	1.5	9
45	Threshold values on environmental chemical contaminants in seafood in the European Economic Area. <i>Food Control</i> , 2022, 138, 108978.	2.8	9
46	Sources, Transport and Deposition of Atmospheric Organic Pollutants in the Mediterranean Sea. <i>ACS Symposium Series</i> , 2013, , 231-260.	0.5	7
47	Zooplankton and Plastic Additivesâ€”Insights into the Chemical Pollution of the Low-Trophic Level of the Mediterranean Marine Food Web. <i>Springer Water</i> , 2018, , 121-129.	0.2	4
48	Diurnal Variability of Persistent Organic Pollutants in the Atmosphere over the Remote Southern Atlantic Ocean. <i>Atmosphere</i> , 2014, 5, 622-634.	1.0	1
49	How Enhancing Atmospheric Monitoring and Modelling can be Effective for the Stockholm Convention on POPs. <i>Atmosphere</i> , 2013, 4, 445-471.	1.0	0