

# Javier Castro-Jiménez

## List of Publications by Year in descending order

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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  | Organophosphate ester pollution in the oceans. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 309-322.  | 12.2 | 55        |
| 2  | Threshold values on environmental chemical contaminants in seafood in the European Economic Area. <i>Food Control</i> , 2022, 138, 108978.  | 2.8  | 9         |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | Floating macrolitter leaked from Europe into the ocean. <i>Nature Sustainability</i> , 2021, 4, 474-483.  | 11.5 | 137       |
| 7  | Organic additive release from plastic to seawater is lower under deep-sea conditions. <i>Nature Communications</i> , 2021, 12, 4426.  | 5.8  | 55        |
| 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  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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       |
| 13 | 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        |
| 14 | Zooplankton and Plastic Additives—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         |
| 15 | Occurrence of $\hat{\pm}$ , $\hat{\%}$ -dicarboxylic acids and $\hat{\%}$ -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         |
| 16 | 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> , 2018, 5, .  | 1.2  | 22        |
| 17 | Seasonal soil/snow-air exchange of semivolatile organic pollutants at a coastal arctic site (Troms, ) Tj ETQq1 1 0.784314 rgBT /Overlock  | 3.9  | 33        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12831-12839.   | 4.6 | 109       |
| 22 | 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        |
| 23 | Atmospheric Deposition of POPs. <i>Comprehensive Analytical Chemistry</i> , 2015, , 295-322.   | 0.7 | 13        |
| 24 | 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         |
| 25 | 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       |
| 26 | 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        |
| 27 | 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  | 1.5 | 14        |
| 28 | Sources, Transport and Deposition of Atmospheric Organic Pollutants in the Mediterranean Sea. <i>ACS Symposium Series</i> , 2013, , 231-260.   | 0.5 | 7         |
| 29 | 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         |
| 30 | 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       |
| 31 | 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        |
| 32 | 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        |
| 33 | 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        |
| 34 | 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       |
| 35 | 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       |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | Polychlorinated biphenyls (PCBs) in the atmosphere of sub-alpine northern Italy. <i>Environmental Pollution</i> , 2009, 157, 1024-1032.  | 3.7 | 29        |
| 40 | 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        |
| 41 | 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        |
| 42 | 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        |
| 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> , 2008, 156, 123-135.  | 3.7 | 61        |
| 44 | 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        |
| 45 | 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        |
| 46 | Occurrence of polychlorinated dibenzo- <i>p</i> -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        |
| 47 | 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        |
| 48 | 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        |
| 49 | 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        |