

Juan Santos-Echeandia

List of Publications by Citations

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42
papers

968
citations

19
h-index

30
g-index

45
ext. papers

1,158
ext. citations

5.6
avg, IF

4.72
L-index

#	Paper	IF	Citations
42	Significance of interactions between microplastics and POPs in the marine environment: A critical overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 111, 252-260	14.6	171
41	Effect of dissolved organic matter (DOM) of contrasting origins on Cu and Pb speciation and toxicity to <i>Paracentrotus lividus</i> larvae. <i>Aquatic Toxicology</i> , 2010 , 96, 90-102	5.1	64
40	Biodynamics of mercury in mussel tissues as a function of exposure pathway: natural vs microplastic routes. <i>Science of the Total Environment</i> , 2019 , 674, 412-423	10.2	42
39	Effect of tidal flooding on metal distribution in pore waters of marsh sediments and its transport to water column (Tagus estuary, Portugal). <i>Marine Environmental Research</i> , 2010 , 70, 358-67	3.3	41
38	Behavior of platinum during estuarine mixing (Pontevedra Ria, NW Iberian Peninsula). <i>Marine Chemistry</i> , 2013 , 150, 11-18	3.7	40
37	Submarine groundwater discharge: A significant source of dissolved trace metals to the North Western Mediterranean Sea. <i>Marine Chemistry</i> , 2016 , 186, 90-100	3.7	38
36	The relevance of defining trace metal baselines in coastal waters at a regional scale: the case of the Portuguese coast (SW Europe). <i>Marine Environmental Research</i> , 2012 , 79, 86-99	3.3	38
35	Quantification of iron in seawater at the low picomolar range based on optimization of bromate/ammonia/dihydroxynaphthalene system by catalytic adsorptive cathodic stripping voltammetry. <i>Analytical Chemistry</i> , 2013 , 85, 2486-92	7.8	36
34	Temporal and spatial changes of total and labile metal concentration in the surface sediments of the Vigo Ria (NW Iberian Peninsula): influence of anthropogenic sources. <i>Marine Pollution Bulletin</i> , 2008 , 56, 1031-42	6.7	33
33	The influence of a metal-enriched mining waste deposit on submarine groundwater discharge to the coastal sea. <i>Marine Chemistry</i> , 2016 , 178, 35-45	3.7	32
32	Interaction of mercury with beached plastics with special attention to zonation, degradation status and polymer type. <i>Marine Chemistry</i> , 2020 , 222, 103788	3.7	31
31	Influence of the heavy fuel spill from the Prestige tanker wreckage in the overlying seawater column levels of copper, nickel and vanadium (NE Atlantic ocean). <i>Journal of Marine Systems</i> , 2008 , 72, 350-357	2.7	31
30	Improving the voltammetric quantification of ill-defined peaks using second derivative signal transformation: example of the determination of platinum in water and sediments. <i>Analytical Chemistry</i> , 2014 , 86, 2308-13	7.8	29
29	Mercury interactions with algal and plastic microparticles: Comparative role as vectors of metals for the mussel, <i>Mytilus galloprovincialis</i> . <i>Journal of Hazardous Materials</i> , 2020 , 396, 122739	12.8	25
28	Evidence of increased anthropogenic emissions of platinum: time-series analysis of mussels (1991-2011) of an urban beach. <i>Science of the Total Environment</i> , 2015 , 514, 366-70	10.2	22
27	Dissolved copper speciation behaviour during estuarine mixing in the San Simon Inlet (wet season, Galicia). Influence of particulate matter. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 76, 447-453	2.9	22
26	Intra-annual variation and baseline concentrations of dissolved trace metals in the Vigo Ria and adjacent coastal waters (NE Atlantic Coast). <i>Marine Pollution Bulletin</i> , 2009 , 58, 298-303	6.7	21

25	Copper speciation in continental inputs to the Vigo Ria: sewage discharges versus river fluxes. <i>Marine Pollution Bulletin</i> , 2008 , 56, 308-17	6.7	21
24	Copper, nickel, and vanadium in the Western Galician Shelf in early spring after the Prestige catastrophe: is there seawater contamination?. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 360-5	4.4	20
23	Copper speciation in estuarine waters by forward and reverse titrations. <i>Marine Chemistry</i> , 2008 , 108, 148-158	3.7	19
22	Direct simultaneous determination of Co, Cu, Fe, Ni and V in pore waters by means of adsorptive cathodic stripping voltammetry with mixed ligands. <i>Talanta</i> , 2011 , 85, 506-12	6.2	17
21	Comparison and combined use of linear and non-linear fitting for the estimation of complexing parameters from metal titrations of estuarine samples by CLE/AdCSV. <i>Marine Chemistry</i> , 2013 , 155, 102-112	3.7	16
20	Trace metals in the NE Atlantic coastal zone of Finisterre (Iberian Peninsula): Terrestrial and marine sources and rates of sedimentation. <i>Journal of Marine Systems</i> , 2013 , 126, 69-81	2.7	15
19	First Evaluation of the Role of Salp Fecal Pellets on Iron Biogeochemistry. <i>Frontiers in Marine Science</i> , 2017 , 3,	4.5	15
18	Particulate organic carbon export across the Antarctic Circumpolar Current at 10°E: Differences between north and south of the Antarctic Polar Front. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 138, 86-101	2.3	13
17	Platinum in salt marsh sediments: Behavior and plant uptake. <i>Marine Chemistry</i> , 2016 , 185, 91-103	3.7	13
16	Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments (Tagus Estuary, SW Europe). <i>Environmental Science & Technology</i> , 2015 , 49, 6545-53	10.3	12
15	Mercury and methylmercury in the Atlantic sector of the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 138, 52-62	2.3	12
14	Importance of deep mixing and silicic acid in regulating phytoplankton biomass and community in the iron-limited Antarctic Polar Front region in summer. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 138, 74-85	2.3	11
13	The hydrological regime of a large Mediterranean river influences the availability of pollutants to mussels at the adjacent marine coastal area: Implications for temporal and spatial trends. <i>Chemosphere</i> , 2019 , 237, 124492	8.4	11
12	Temporal and diel cycling of nutrients in a barrier lagoon complex: Implications for phytoplankton abundance and composition. <i>Estuarine, Coastal and Shelf Science</i> , 2012 , 110, 69-76	2.9	11
11	Less-Studied Technology-Critical Elements (Nb, Ta, Ga, In, Ge, Te) in the Marine Environment: Review on Their Concentrations in Water and Organisms. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	10
10	Salt-marsh areas as copper complexing ligand sources to estuarine and coastal systems. <i>Chemosphere</i> , 2013 , 90, 772-81	8.4	8
9	Toxicity of seabird guano to sea urchin embryos and interaction with Cu and Pb. <i>Chemosphere</i> , 2016 , 145, 384-93	8.4	8
8	Estuary-ria exchange of cadmium, lead and zinc in the coastal system of the Ria of Vigo (NW Iberian Peninsula). <i>Scientia Marina</i> , 2010 , 74, 77-87	1.8	6

7	Lithogenic sources, composition and intra-annual variability of suspended particulate matter supplied from rivers to the Northern Galician Rias (Bay of Biscay). <i>Journal of Sea Research</i> , 2017 , 130, 73-84	1.9	5
6	The influence of natural vs anthropogenic factors on trace metal(loid) levels in the Mussel Watch programme: Two decades of monitoring in the Spanish Mediterranean sea. <i>Marine Environmental Research</i> , 2021 , 169, 105382	3.3	3
5	The role of cigarette butts as vectors of metals in the marine environment: Could it cause bioaccumulation in oysters?. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125816	12.8	3
4	Letter to the editor re: Villares et al., 2007; on the impact of the Prestige oil spill on the levels of vanadium and other trace elements along the coast of Galicia (NW Iberian Peninsula). <i>Science of the Total Environment</i> , 2008 , 399, 216-8; author reply 219-20	10.2	1
3	Soil Remediation Under Microplastics Pollution 2021 , 1-29		
2	Soil Remediation Under Microplastics Pollution 2022 , 1173-1201		
1	Interaction of microplastics with metal(oid)s in aquatic environments: what is done so far?. <i>Journal of Hazardous Materials Advances</i> , 2022 , 100072		