Juan Santos-Echeandia

List of Publications by Year in Descending Order

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	Soil Remediation Under Microplastics Pollution **2022**, 1173-1201		
41	Interaction of microplastics with metal(oid)s in aquatic environments: what is done so far?. *Journal of Hazardous Materials Advances*, **2022**, 100072		
40	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. *Marine Environmental Research*, **2021**, 169, 105382	3.3	3
39	Soil Remediation Under Microplastics Pollution **2021**, 1-29		
38	The role of cigarette butts as vectors of metals in the marine environment: Could it cause bioaccumulation in oysters?. *Journal of Hazardous Materials*, **2021**, 416, 125816	12.8	3
37	Mercury interactions with algal and plastic microparticles: Comparative role as vectors of metals for the mussel, Mytilus galloprovincialis. *Journal of Hazardous Materials*, **2020**, 396, 122739	12.8	25
36	Interaction of mercury with beached plastics with special attention to zonation, degradation status and polymer type. *Marine Chemistry*, **2020**, 222, 103788	3.7	31
35	Biodynamics of mercury in mussel tissues as a function of exposure pathway: natural vs microplastic routes. *Science of the Total Environment*, **2019**, 674, 412-423	10.2	42
34	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. *Chemosphere*, **2019**, 237, 124492	8.4	11
33	Less-Studied Technology-Critical Elements (Nb, Ta, Ga, In, Ge, Te) in the Marine Environment: Review on Their Concentrations in Water and Organisms. *Frontiers in Marine Science*, **2019**, 6,	4.5	10
32	Significance of interactions between microplastics and POPs in the marine environment: A critical overview. *TrAC - Trends in Analytical Chemistry*, **2019**, 111, 252-260	14.6	171
31	Importance of deep mixing and silicic acid in regulating phytoplankton biomass and community in the iron-limited Antarctic Polar Front region in summer. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 138, 74-85	2.3	11
30	Particulate organic carbon export across the Antarctic Circumpolar Current at 10°E: Differences between north and south of the Antarctic Polar Front. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 138, 86-101	2.3	13
29	Lithogenic sources, composition and intra-annual variability of suspended particulate matter supplied from rivers to the Northern Galician Rias (Bay of Biscay). *Journal of Sea Research*, **2017**, 130, 73-84	1.9	5
28	Mercury and methylmercury in the Atlantic sector of the Southern Ocean. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 138, 52-62	2.3	12
27	First Evaluation of the Role of Salp Fecal Pellets on Iron Biogeochemistry. *Frontiers in Marine Science*, **2017**, 3,	4.5	15
26	Submarine groundwater discharge: A significant source of dissolved trace metals to the North Western Mediterranean Sea. *Marine Chemistry*, **2016**, 186, 90-100	3.7	38

25	Platinum in salt marsh sediments: Behavior and plant uptake. *Marine Chemistry*, **2016**, 185, 91-103	3.7	13
24	The influence of a metal-enriched mining waste deposit on submarine groundwater discharge to the coastal sea. *Marine Chemistry*, **2016**, 178, 35-45	3.7	32
23	Toxicity of seabird guano to sea urchin embryos and interaction with Cu and Pb. *Chemosphere*, **2016**, 145, 384-93	8.4	8
22	Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments (Tagus Estuary, SW Europe). *Environmental Science & Technology*, **2015**, 49, 6545-53	10.3	12
21	Evidence of increased anthropogenic emissions of platinum: time-series analysis of mussels (1991-2011) of an urban beach. *Science of the Total Environment*, **2015**, 514, 366-70	10.2	22
20	Improving the voltammetric quantification of ill-defined peaks using second derivative signal transformation: example of the determination of platinum in water and sediments. *Analytical Chemistry*, **2014**, 86, 2308-13	7.8	29
19	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. *Marine Chemistry*, **2013**, 155, 102-112	3.7	16
18	Salt-marsh areas as copper complexing ligand sources to estuarine and coastal systems. *Chemosphere*, **2013**, 90, 772-81	8.4	8
17	Behavior of platinum during estuarine mixing (Pontevedra Ria, NW Iberian Peninsula). *Marine Chemistry*, **2013**, 150, 11-18	3.7	40
16	Trace metals in the NE Atlantic coastal zone of Finisterre (Iberian Peninsula): Terrestrial and marine sources and rates of sedimentation. *Journal of Marine Systems*, **2013**, 126, 69-81	2.7	15
15	Quantification of iron in seawater at the low picomolar range based on optimization of bromate/ammonia/dihydroxynaphtalene system by catalytic adsorptive cathodic stripping voltammetry. *Analytical Chemistry*, **2013**, 85, 2486-92	7.8	36
14	Temporal and diel cycling of nutrients in a barrier lagoon complex: Implications for phytoplankton abundance and composition. *Estuarine, Coastal and Shelf Science*, **2012**, 110, 69-76	2.9	11
13	The relevance of defining trace metal baselines in coastal waters at a regional scale: the case of the Portuguese coast (SW Europe). *Marine Environmental Research*, **2012**, 79, 86-99	3.3	38
12	Direct simultaneous determination of Co, Cu, Fe, Ni and V in pore waters by means of adsorptive cathodic stripping voltammetry with mixed ligands. *Talanta*, **2011**, 85, 506-12	6.2	17
11	Effect of tidal flooding on metal distribution in pore waters of marsh sediments and its transport to water column (Tagus estuary, Portugal). *Marine Environmental Research*, **2010**, 70, 358-67	3.3	41
10	Effect of dissolved organic matter (DOM) of contrasting origins on Cu and Pb speciation and toxicity to Paracentrotus lividus larvae. *Aquatic Toxicology*, **2010**, 96, 90-102	5.1	64
9	Estuary-ria exchange of cadmium, lead and zinc in the coastal system of the Ria of Vigo (NW Iberian Peninsula). *Scientia Marina*, **2010**, 74, 77-87	1.8	6
8	Intra-annual variation and baseline concentrations of dissolved trace metals in the Vigo Ria and adjacent coastal waters (NE Atlantic Coast). *Marine Pollution Bulletin*, **2009**, 58, 298-303	6.7	21

7	Dissolved copper speciation behaviour during estuarine mixing in the San Simon Inlet (wet season, Galicia). Influence of particulate matter. *Estuarine, Coastal and Shelf Science*, **2008**, 76, 447-453	2.9	22
6	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). *Science of the Total Environment*, **2008**, 399, 216-8; author reply 219-20	10.2	1
5	Copper speciation in continental inputs to the Vigo Ria: sewage discharges versus river fluxes. *Marine Pollution Bulletin*, **2008**, 56, 308-17	6.7	21
4	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. *Marine Pollution Bulletin*, **2008**, 56, 1031-42	6.7	33
3	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). *Journal of Marine Systems*, **2008**, 72, 350-357	2.7	31
2	Copper speciation in estuarine waters by forward and reverse titrations. *Marine Chemistry*, **2008**, 108, 148-158	3.7	19
1	Copper, nickel, and vanadium in the Western Galician Shelf in early spring after the Prestige catastrophe: is there seawater contamination?. *Analytical and Bioanalytical Chemistry*, **2005**, 382, 360-5	4.4	20