Juan Santos-Echeandia

List of Publications by Year
in descending order

45 papers	1,391 citations	361413 20 h-index	345221 36 g-index
45 all docs	45 docs citations	45 times ranked	1738 citing authors

#	Article	IF	Citations
1	Soil Remediation Under Microplastics Pollution. , 2022, , 1173-1201.		0
2	Interaction of microplastics with metal(oid)s in aquatic environments: What is done so far?. Journal of Hazardous Materials Advances, 2022, 6, 100072.	3.0	7
3	Use of the Sentinel-2 and Landsat-8 Satellites for Water Quality Monitoring: An Early Warning Tool in the Mar Menor Coastal Lagoon. Remote Sensing, 2022, 14, 2744.	4.0	24
4	Soil Remediation Under Microplastics Pollution. , 2021, , 1-29.		0
5	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.	2.5	11
6	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.	12.4	19
7	Tissue Distribution of Mercury and Its Relationship with Selenium in Atlantic Bluefin Tuna (Thunnus) Tj ETQq1 1 0.784314 rgBT /Overl	2.6	8
8	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.	12.4	50
9	Interaction of mercury with beached plastics with special attention to zonation, degradation status and polymer type. Marine Chemistry, 2020, 222, 103788.	2.3	48
10	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.	8.2	17
11	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, .	2.5	23
12	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.	8.0	61
13	Significance of interactions between microplastics and POPs in the marine environment: A critical overview. TrAC - Trends in Analytical Chemistry, 2019, 111, 252-260.	11.4	313
14	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.	1.4	12
15	Particulate organic carbon export across the Antarctic Circumpolar Current at 10Â°E: Differences between north and south of the Antarctic Polar Front. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 138, 86-101.	1.4	20
16	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.	1.6	7
17	Mercury and methylmercury in the Atlantic sector of the Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 138, 52-62.	1.4	18
18	First Evaluation of the Role of Salp Fecal Pellets on Iron Biogeochemistry. Frontiers in Marine Science, 2017, 3, .	2.5	21

#	Article	IF	Citations
19	Toxicity of seabird guano to sea urchin embryos and interaction with Cu and Pb. Chemosphere, 2016, 145, 384-393.	8.2	9
20	Submarine groundwater discharge: A significant source of dissolved trace metals to the North Western Mediterranean Sea. Marine Chemistry, 2016, 186, 90-100.	2.3	54
21	Platinum in salt marsh sediments: Behavior and plant uptake. Marine Chemistry, 2016, 185, 91-103.	2.3	16
22	The influence of a metal-enriched mining waste deposit on submarine groundwater discharge to the coastal sea. Marine Chemistry, 2016, 178, 35-45.	2.3	39
23	Evidence of increased anthropogenic emissions of platinum: Time-series analysis of mussels (1991â€“2011) of an urban beach. Science of the Total Environment, 2015, 514, 366-370.	8.0	25
24	Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments (Tagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	10.0	12
25	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, 2308-2313.	6.5	37
26	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.	2.3	19
27	Salt-marsh areas as copper complexing ligand sources to estuarine and coastal systems. Chemosphere, 2013, 90, 772-781.	8.2	10
28	Behavior of platinum during estuarine mixing (Pontevedra Ria, NW Iberian Peninsula). Marine Chemistry, 2013, 150, 11-18.	2.3	48
29	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.	2.1	18
30	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, 2486-2492.	6.5	46
31	Temporal and diel cycling of nutrients in a barrierâ€“lagoon complex: Implications for phytoplankton abundance and composition. Estuarine, Coastal and Shelf Science, 2012, 110, 69-76.	2.1	14
32	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.	2.5	42
33	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, 506-512.	5.5	22
34	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, 358-367.	2.5	44
35	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.	4.0	73
36	Estuary-ria exchange of cadmium, lead and zinc in the coastal system of the Ria of Vigo (NW Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	6.6	8

#	Article	IF	Citations
37	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.	5.0	23
38	Copper speciation in estuarine waters by forward and reverse titrations. Marine Chemistry, 2008, 108, 148-158.	2.3	24
39	Dissolved copper speciation behaviour during estuarine mixing in the San Simon Inlet (wet season,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	27
40	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, 216-218.	8.0	1
41	Copper speciation in continental inputs to the Vigo Ria: Sewage discharges versus river fluxes. Marine Pollution Bulletin, 2008, 56, 308-317.	5.0	22
42	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, 1031-1042.	5.0	40
43	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.	2.1	39
44	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, 360-365.	3.7	20
45	ESTUDIO INTEGRAL DE LA CALIDAD DEL AGUA EN EL LITORAL DEL PUERTO SAN CARLOS, BAJA CALIFORNIA SUR, MÃ‰XICO. , 0, , .		0