Antonio Cobelo-Garcia

List of Publications by Year
in descending order

49 papers	1,384 citations	304602 22 h-index	330025 37 g-index
49 all docs	49 docs citations	49 times ranked	1615 citing authors

#	Article	IF	Citations
1	Assessment of coastal marine pollution in Galicia (NW Iberian Peninsula); metal concentrations in seawater, sediments and mussels (Mytilus galloprovincialis) versus embryoâ€“larval bioassays using Paracentrotus lividus and Ciona intestinalis. Marine Environmental Research, 2003, 56, 531-553.	1.1	140
2	COST action TD1407: network on technology-critical elements (NOTICE)â€”from environmental processes to human health threats. Environmental Science and Pollution Research, 2015, 22, 15188-15194.	2.7	128
3	Heavy metal sedimentary record in a Galician Ria (NW Spain): background values and recent contamination. Marine Pollution Bulletin, 2003, 46, 1253-1262.	2.3	120
4	Porewater geochemistry in a Galician Ria (NW Iberian Peninsula): Implications for benthic fluxes of dissolved trace elements (Co, Cu, Ni, Pb, V, Zn). Marine Chemistry, 2009, 117, 77-87.	0.9	74
5	Adsorption Kinetics of Platinum Group Elements in River Water. Environmental Science & Technology, 2006, 40, 1524-1531.	4.6	56
6	Behaviour of palladium(II), platinum(IV), and rhodium(III) in artificial and natural waters: Influence of reactor surface and geochemistry on metal recovery. Analytica Chimica Acta, 2007, 585, 202-210.	2.6	55
7	Land inputs of trace metals, major elements, particulate organic carbon and suspended solids to an industrial coastal bay of the NE Atlantic. Water Research, 2004, 38, 1753-1764.	5.3	50
8	Behavior of platinum during estuarine mixing (Pontevedra Ria, NW Iberian Peninsula). Marine Chemistry, 2013, 150, 11-18.	0.9	48
9	Total and labile metals in surface sediments of the tropical river-estuary system of Marabasco (Pacific) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	47
10	Cadmium, copper and lead contamination of the seawater column on the Prestige shipwreck (NE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	46
11	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.	0.9	39
12	Chemical speciation of dissolved copper, lead and zinc in a ria coastal system: the role of resuspended sediments. Analytica Chimica Acta, 2004, 524, 109-114.	2.6	38
13	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.	3.2	37
14	Evaluation of the contamination of platinum in estuarine and coastal sediments (Tagus Estuary and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	36
15	The contribution of total suspended solids to the Bay of Biscay by Cantabrian Rivers (northern coast) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	28
16	Land inputs, behaviour and contamination levels of copper in a ria estuary (NW Spain). Marine Environmental Research, 2003, 56, 403-422.	1.1	26
17	Past and present platinum contamination of a major European fluvialâ€“estuarine system: Insights from river sediments and estuarine oysters. Marine Chemistry, 2016, 185, 104-110.	0.9	26
18	Behavior and fluxes of Pt in the macrotidal Gironde Estuary (SW France). Marine Chemistry, 2014, 167, 93-101.	0.9	25

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19	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.	3.9	25
20	Fractionation and Reactivity of Platinum Group Elements During Estuarine Mixing. Environmental Science & Technology, 2008, 42, 1096-1101.	4.6	24
21	Trace metals in the water column of the Vigo Ria: Offshore exchange in mid-winter conditions. Estuarine, Coastal and Shelf Science, 2006, 68, 289-296.	0.9	23
22	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.	2.3	23
23	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.	1.9	20
24	Kinetic effects on the interactions of Rh(III) with humic acids as determined using size-exclusion chromatography (SEC). Environmental Science and Pollution Research, 2013, 20, 2330-2339.	2.7	18
25	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.	0.9	18
26	Platinum group elements in stream sediments of mining zones: TheÂHex River (Bushveld Igneous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	17
27	Platinum in salt marsh sediments: Behavior and plant uptake. Marine Chemistry, 2016, 185, 91-103.	0.9	16
28	Tracing platinum accumulation kinetics in oyster Crassostrea gigas, a sentinel species in coastal marine environments. Science of the Total Environment, 2018, 615, 652-663.	3.9	15
29	New insights on the dissolved platinum behavior in the Atlantic Ocean. Chemical Geology, 2019, 511, 204-211.	1.4	15
30	Short-term variations of platinum concentrations in contrasting coastal environments: The role of primary producers. Marine Chemistry, 2020, 222, 103782.	0.9	15
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.	0.9	14
32	Metal distributions and their fluxes at the coastal boundary of a semi-enclosed ria. Marine Chemistry, 2005, 97, 277-292.	0.9	12
33	Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments (Tagus) Tj ETQq1 1 0.784314 rgBT /Overlock	4.6	12
34	Determination of sub-picomolar levels of platinum in the pristine Krka River estuary (Croatia) using improved voltammetric methodology. Environmental Chemistry, 2020, 17, 77.	0.7	12
35	Electroanalytical techniques for the quantification of technology-critical elements in environmental samples. Current Opinion in Electrochemistry, 2017, 3, 78-90.	2.5	11
36	Improved voltammetric method for simultaneous determination of Pt and Rh using second derivative signal transformation â€“ application to environmental samples. Talanta, 2017, 175, 1-8.	2.9	10

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37	Nutritional and Healthy Value of Chemical Constituents Obtained from Patagonian Squid (Doryteuthis gahi) By-Products Captured at Different Seasons. Foods, 2021, 10, 2144.	1.9	10
38	Ultra-trace interference-free analysis of palladium in natural waters by ICP-MS after on-line matrix separation and pre-concentration. Talanta, 2021, 232, 122289.	2.9	10
39	Historical legacies of river pollution reconstructed from fish scales. Environmental Pollution, 2018, 234, 253-259.	3.7	9
40	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 5	6.3	8
41	Historical record of trace elements (1983â€“2007) in scales from Atlantic salmon (Salmo salar): Study of past metal contamination from a copper mine (Ulla River, NW Iberian Peninsula). Chemosphere, 2017, 188, 18-24.	4.2	6
42	Platinum and rhodium in Tagus estuary, SW Europe: sources and spatial distribution. Environmental Monitoring and Assessment, 2019, 191, 579.	1.3	6
43	Speciation analysis of Pt and Rh in urban road dust leachates. Science of the Total Environment, 2020, 722, 137954.	3.9	5
44	Drivers of Rh and Pt variability in the water column of a hydrodynamic estuary: Effects of contrasting environments. Science of the Total Environment, 2021, 760, 143909.	3.9	3
45	Faeces of marine birds and mammals as substrates for microbial plankton communities. Marine Environmental Research, 2022, 174, 105560.	1.1	3
46	Persistent East Equatorial Pacific Carbon Storage at the Middle Pleistocene Transition. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003789.	1.3	2
47	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.	3.9	1
48	VSI: Environmental concentrations, cycling and modeling of technology critical elements. Science of the Total Environment, 2018, 630, 32.	3.9	1
49	Implications of kinetically-hindered metals in ecotoxicological studies: Effect of platinum spike aging on its toxicity to Dunaliella salina. Ecotoxicology and Environmental Safety, 2021, 227, 112924.	2.9	1