

Antonio Cobelo-Garcia

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,384
citations

304602

22
h-index

330025

37
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49
all docs

49
docs citations

49
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Faeces of marine birds and mammals as substrates for microbial plankton communities. <i>Marine Environmental Research</i> , 2022, 174, 105560.	1.1	3
2	Drivers of Rh and Pt variability in the water column of a hydrodynamic estuary: Effects of contrasting environments. <i>Science of the Total Environment</i> , 2021, 760, 143909.	3.9	3
3	Nutritional and Healthy Value of Chemical Constituents Obtained from Patagonian Squid (<i>Doryteuthis gahi</i>) By-Products Captured at Different Seasons. <i>Foods</i> , 2021, 10, 2144.	1.9	10
4	Ultra-trace interference-free analysis of palladium in natural waters by ICP-MS after on-line matrix separation and pre-concentration. <i>Talanta</i> , 2021, 232, 122289.	2.9	10
5	Implications of kinetically-hindered metals in ecotoxicological studies: Effect of platinum spike aging on its toxicity to <i>Dunaliella salina</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112924.	2.9	1
6	Determination of sub-picomolar levels of platinum in the pristine Krka River estuary (Croatia) using improved voltammetric methodology. <i>Environmental Chemistry</i> , 2020, 17, 77.	0.7	12
7	Speciation analysis of Pt and Rh in urban road dust leachates. <i>Science of the Total Environment</i> , 2020, 722, 137954.	3.9	5
8	Persistent East Equatorial Pacific Carbon Storage at the Middle Pleistocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003789.	1.3	2
9	Short-term variations of platinum concentrations in contrasting coastal environments: The role of primary producers. <i>Marine Chemistry</i> , 2020, 222, 103782.	0.9	15
10	Platinum and rhodium in Tagus estuary, SW Europe: sources and spatial distribution. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 579.	1.3	6
11	New insights on the dissolved platinum behavior in the Atlantic Ocean. <i>Chemical Geology</i> , 2019, 511, 204-211.	1.4	15
12	Historical legacies of river pollution reconstructed from fish scales. <i>Environmental Pollution</i> , 2018, 234, 253-259.	3.7	9
13	Tracing platinum accumulation kinetics in oyster <i>Crassostrea gigas</i> , a sentinel species in coastal marine environments. <i>Science of the Total Environment</i> , 2018, 615, 652-663.	3.9	15
14	VSI: Environmental concentrations, cycling and modeling of technology critical elements. <i>Science of the Total Environment</i> , 2018, 630, 32.	3.9	1
15	Platinum group elements in stream sediments of mining zones: The Hex River (Bushveld Igneous) Tj ETQq1 1 0.784314 rgBT /Overload	0.9	17
16	Historical record of trace elements (1983–2007) in scales from Atlantic salmon (<i>Salmo salar</i>): Study of past metal contamination from a copper mine (Ulla River, NW Iberian Peninsula). <i>Chemosphere</i> , 2017, 188, 18-24.	4.2	6
17	Electroanalytical techniques for the quantification of technology-critical elements in environmental samples. <i>Current Opinion in Electrochemistry</i> , 2017, 3, 78-90.	2.5	11
18	Improved voltammetric method for simultaneous determination of Pt and Rh using second derivative signal transformation – application to environmental samples. <i>Talanta</i> , 2017, 175, 1-8.	2.9	10

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19	Platinum in salt marsh sediments: Behavior and plant uptake. <i>Marine Chemistry</i> , 2016, 185, 91-103.	0.9	16
20	Past and present platinum contamination of a major European fluvial-estuarine system: Insights from river sediments and estuarine oysters. <i>Marine Chemistry</i> , 2016, 185, 104-110.	0.9	26
21	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, 366-370.	3.9	25
22	Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments (Tagus) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	4.6	12
23	COST action TD1407: network on technology-critical elements (NOTICE) from environmental processes to human health threats. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15188-15194.	2.7	128
24	Behavior and fluxes of Pt in the macrotidal Gironde Estuary (SW France). <i>Marine Chemistry</i> , 2014, 167, 93-101.	0.9	25
25	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, 2308-2313.	3.2	37
26	Kinetic effects on the interactions of Rh(III) with humic acids as determined using size-exclusion chromatography (SEC). <i>Environmental Science and Pollution Research</i> , 2013, 20, 2330-2339.	2.7	18
27	Behavior of platinum during estuarine mixing (Pontevedra Ria, NW Iberian Peninsula). <i>Marine Chemistry</i> , 2013, 150, 11-18.	0.9	48
28	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.	0.9	18
29	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.	0.9	14
30	Evaluation of the contamination of platinum in estuarine and coastal sediments (Tagus Estuary and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.3	36
31	Estuary-ria exchange of cadmium, lead and zinc in the coastal system of the Ria of Vigo (NW Iberian) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.3	8
32	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.	2.3	23
33	Porewater geochemistry in a Galician Ria (NW Iberian Peninsula): Implications for benthic fluxes of dissolved trace elements (Co, Cu, Ni, Pb, V, Zn). <i>Marine Chemistry</i> , 2009, 117, 77-87.	0.9	74
34	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, 216-218.	3.9	1
35	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.	0.9	39
36	The contribution of total suspended solids to the Bay of Biscay by Cantabrian Rivers (northern coast) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.9	28

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37	Fractionation and Reactivity of Platinum Group Elements During Estuarine Mixing. <i>Environmental Science & Technology</i> , 2008, 42, 1096-1101.	4.6	24
38	Behaviour of palladium(II), platinum(IV), and rhodium(III) in artificial and natural waters: Influence of reactor surface and geochemistry on metal recovery. <i>Analytica Chimica Acta</i> , 2007, 585, 202-210.	2.6	55
39	Total and labile metals in surface sediments of the tropical river-estuary system of Marabasco (Pacific Tj ETQq1 1 0,784314 rgBT /Overlock	2.3	47
40	Adsorption Kinetics of Platinum Group Elements in River Water. <i>Environmental Science & Technology</i> , 2006, 40, 1524-1531.	4.6	56
41	Trace metals in the water column of the Vigo Ria: Offshore exchange in mid-winter conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 68, 289-296.	0.9	23
42	Metal distributions and their fluxes at the coastal boundary of a semi-enclosed ria. <i>Marine Chemistry</i> , 2005, 97, 277-292.	0.9	12
43	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, 360-365.	1.9	20
44	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
45	Chemical speciation of dissolved copper, lead and zinc in a ria coastal system: the role of resuspended sediments. <i>Analytica Chimica Acta</i> , 2004, 524, 109-114.	2.6	38
46	Land inputs of trace metals, major elements, particulate organic carbon and suspended solids to an industrial coastal bay of the NE Atlantic. <i>Water Research</i> , 2004, 38, 1753-1764.	5.3	50
47	Heavy metal sedimentary record in a Galician Ria (NW Spain): background values and recent contamination. <i>Marine Pollution Bulletin</i> , 2003, 46, 1253-1262.	2.3	120
48	Land inputs, behaviour and contamination levels of copper in a ria estuary (NW Spain). <i>Marine Environmental Research</i> , 2003, 56, 403-422.	1.1	26
49	Assessment of coastal marine pollution in Galicia (NW Iberian Peninsula); metal concentrations in seawater, sediments and mussels (<i>Mytilus galloprovincialis</i>) versus embryoâ€‘larval bioassays using <i>Paracentrotus lividus</i> and <i>Ciona intestinalis</i> . <i>Marine Environmental Research</i> , 2003, 56, 531-553.	1.1	140