Pedro Brito

List of Publications by Year in descending order

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33 papers	601 citations	686830 13 h-index	610482 24 g-index
33 all docs	33 docs citations	33 times ranked	974 citing authors

#	Article	IF	Citations
1	Sources and distribution of yttrium and rare earth elements in surface sediments from Tagus estuary, Portugal. Science of the Total Environment, 2018, 621, 317-325.	3.9	66
2	Major factors influencing the elemental composition of surface estuarine sediments: The case of 15 estuaries in Portugal. Marine Pollution Bulletin, 2014, 84, 135-146.	2.3	65
3	Estimation of the anthropogenic fraction of elements in surface sediments of the Tagus Estuary (Portugal). Marine Pollution Bulletin, 2008, 56, 1364-1367.	2.3	55
4	Influence of bioaccessibility of total mercury, methyl-mercury and selenium on the risk/benefit associated to the consumption of raw and cooked blue shark (Prionace glauca). Environmental Research, 2015, 143, 123-129.	3.7	55
5	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.	1.1	42
6	Rare earth elements in coastal sediments of the northern Galician shelf: Influence of geological features. Continental Shelf Research, 2012, 35, 75-85.	0.9	39
7	Accumulation, elimination and neuro-oxidative damage under lanthanum exposure in glass eels (Anguilla anguilla). Chemosphere, 2018, 206, 414-423.	4.2	38
8	Footprint of roman and modern mining activities in a sediment core from the southwestern Iberian Atlantic shelf. Science of the Total Environment, 2016, 571, 1211-1221.	3.9	24
9	Temporal evolution of lead isotope ratios in sediments of the Central Portuguese Margin: A fingerprint of human activities. Marine Pollution Bulletin, 2013, 74, 274-284.	2.3	19
10	Impacts of phytoplankton blooms on trace metal recycling and bioavailability during dredging events in the Sado estuary (Portugal). Marine Environmental Research, 2020, 153, 104837.	1.1	19
11	Bioaccessibility of target essential elements and contaminants from Fucus spiralis. Journal of Food Composition and Analysis, 2018, 74, 10-17.	1.9	17
12	Warming enhances lanthanum accumulation and toxicity promoting cellular damage in glass eels (Anguilla anguilla). Environmental Research, 2020, 191, 110051.	3.7	17
13	Rare earth elements biomonitoring using the mussel Mytilus galloprovincialis in the Portuguese coast: Seasonal variations. Marine Pollution Bulletin, 2022, 175, 113335.	2.3	14
14	Insights of Pb isotopic signature into the historical evolution and sources of Pb contamination in a sediment core of the southwestern Iberian Atlantic shelf. Science of the Total Environment, 2017, 586, 473-484.	3.9	12
15	Effects of salt marsh plants on mobility and bioavailability of REE in estuarine sediments. Science of the Total Environment, 2021, 759, 144314.	3.9	12
16	Yttrium and rare earth elements fractionation in salt marsh halophyte plants. Science of the Total Environment, 2018, 643, 1117-1126.	3.9	11
17	Effects of Barium Stress in Brassica juncea and Cakile maritima: The Indicator Role of Some Antioxidant Enzymes and Secondary Metabolites. Phyton, 2021, 90, 145-158.	0.4	11
18	Changes in REE fractionation induced by the halophyte plant Halimione portulacoides, from SW European salt marshes. Marine Chemistry, 2020, 223, 103805.	0.9	10

#	Article	IF	Citations
19	Assessment of Tolerance to Lanthanum and Cerium in Helianthus Annuus Plant: Effect on Growth, Mineral Nutrition, and Secondary Metabolism. Plants, 2022, 11, 988.	1.6	10
20	Physiological and Biochemical Behaviours and Antioxidant Response of Helianthus annuus under Lanthanum and Cerium Stress. Sustainability, 2022, 14, 4153.	1.6	9
21	Single and combined ecotoxicological effects of ocean warming, acidification and lanthanum exposure on the surf clam (Spisula solida). Chemosphere, 2022, 302, 134850.	4.2	9
22	Cerium uptake, translocation and toxicity in the salt marsh halophyte Halimione portulacoides (L.), Aellen. Chemosphere, 2021, 266, 128973.	4.2	8
23	Platinum and rhodium in Tagus estuary, SW Europe: sources and spatial distribution. Environmental Monitoring and Assessment, 2019, 191, 579.	1.3	6
24	Integrated thematic geological mapping of the Atlantic Margin of Iberia. Geological Society Special Publication, 2022, 505, 97-115.	0.8	6
25	Micro-scale elemental partition in tissues of the aquatic plant Lemna minor L. exposed to highway drainage water. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 150-152.	0.6	5
26	Elemental composition and contaminants in surface sediments of the Mondego river estuary. , 2002, , 541-550.		5
27	Lanthanum and Gadolinium availability in aquatic mediums: New insights to ecotoxicology and environmental studies. Journal of Trace Elements in Medicine and Biology, 2022, 71, 126957.	1.5	5
28	Abnormal mortality of octopus after a storm water event: Accumulated lead and lead isotopes as fingerprints. Science of the Total Environment, 2017, 581-582, 289-296.	3.9	3
29	Lanthanides and yttrium in the sediments of the lower Minho River (NW Iberian Peninsula): imprint of tributaries. Journal of Soils and Sediments, 2019, 19, 2558-2569.	1.5	2
30	Influence of diagenetic processes and terrestrial/anthropogenic sources in the REE contents of the Cascais submarine canyon (Iberian western coast). Science of the Total Environment, 2021, 773, 145539.	3.9	2
31	Differential tissue accumulation in the invasive Manila clam, Ruditapes philippinarum, under two environmentally relevant lanthanum concentrations. Environmental Monitoring and Assessment, 2022, 194, 11.	1.3	2
32	A triple threat: ocean warming, acidification and rare earth elements exposure triggers a superior antioxidant response and pigment production in the adaptable Ulva rigida. Environmental Advances, 2022, , 100235.	2.2	2
33	Integrated geophysical and sedimentological datasets for assessment of offshore borrow areas: the CHIMERA project (western Portuguese Coast). Geological Society Special Publication, 2020, , SP505-2019-100.	0.8	1