

Catarina Cruzeiro

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

891
citations

361413
20
h-index

501196
28
g-index

42
all docs

42
docs citations

42
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal): Evaluation of impacts on fish liver, by histopathology, stereology, vitellogenin and CYP1A immunohistochemistry, after sub-acute exposures of the zebrafish model. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 34-45.	4.0	73
2	Determination of 54 pesticides in waters of the Iberian Douro River estuary and risk assessment of environmentally relevant mixtures using theoretical approaches and <i>Artemia salina</i> and <i>Daphnia magna</i> bioassays. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 126-134.	6.0	53
3	Testing the effects of ethinylestradiol and of an environmentally relevant mixture of xenoestrogens as found in the Douro River (Portugal) on the maturation of fish gonads—A stereological study using the zebrafish (<i>Danio rerio</i>) as model. <i>Aquatic Toxicology</i> , 2012, 124-125, 1-10.	4.0	51
4	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal): Assessing impacts on gonadal maturation with a histopathological and stereological study of zebrafish ovary and testis after sub-acute exposures. <i>Aquatic Toxicology</i> , 2011, 105, 292-299.	4.0	42
5	Occurrence and seasonal loads of pesticides in surface water and suspended particulate matter from a wetland of worldwide interest—the Ria Formosa Lagoon, Portugal. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 669.	2.7	39
6	Environmental assessment of pesticides in the Mondego River Estuary (Portugal). <i>Marine Pollution Bulletin</i> , 2016, 103, 240-246.	5.0	39
7	Quantification of 17 endocrine disruptor compounds and their spatial and seasonal distribution in the Iberian Ave River and its coastline. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 386-399.	1.2	38
8	Spatial and seasonal distribution of 17 endocrine disruptor compounds in an urban estuary (Mondego) Tj ETQq0 0 0 rgBT /Overlock 10 T Assessment, 2014, 186, 3337-3350.	2.7	37
9	Determination of Polycyclic Aromatic Hydrocarbons in Coastal Sediments from the Porto Region (Portugal) by Microwave-Assisted Extraction, Followed by SPME and GC-MS. <i>Journal of Chromatographic Science</i> , 2011, 49, 695-701.	1.4	32
10	Development and validation of a GC-MS method for determination of 39 common pesticides in estuarine water — targeting hazardous amounts in the Douro River estuary. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1587-1608.	3.3	30
11	Development and application of a QuEChERS-based extraction method for the analysis of 55 pesticides in the bivalve <i>Scrobicularia plana</i> by GC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3681-3698.	3.7	28
12	Occurrence of endocrine disruptor compounds in the estuary of the Iberian Douro River and nearby Porto Coast (NW Portugal). <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 252-261.	1.2	27
13	Endocrine disruptors in the LeÃ§a River and nearby Porto Coast (NW Portugal): presence of estrogenic compounds and hypoxic conditions. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 262-274.	1.2	26
14	Determination of 17 endocrine disruptor compounds and their spatial and seasonal distribution in the Sado River Estuary (Portugal). <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 237-253.	1.2	26
15	Development and validation of a GC-MS method for the evaluation of 17 endocrine disruptor compounds, including phytoestrogens and sitosterol, in coastal waters — their spatial and seasonal levels in Porto coastal region (Portugal). <i>Journal of Water and Health</i> , 2013, 11, 281-296.	2.6	25
16	A step forward using QuEChERS (Quick, Easy, Cheap, Effective, Rugged, and Safe) based extraction and gas chromatography-tandem mass spectrometry—levels of priority polycyclic aromatic hydrocarbons in wild and commercial mussels. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6089-6098.	5.3	25
17	Can mangroves work as an effective phytoremediation tool for pesticide contamination? An interlinked analysis between surface water, sediments and biota. <i>Journal of Cleaner Production</i> , 2021, 295, 126334.	9.3	25
18	Seasonal-spatial survey of pesticides in the most significant estuary of the Iberian Peninsula — the Tagus River estuary. <i>Journal of Cleaner Production</i> , 2016, 126, 419-427.	9.3	24

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19	Multi-matrix quantification and risk assessment of pesticides in the longest river of the Iberian peninsula. <i>Science of the Total Environment</i> , 2016, 572, 263-272.	8.0	23
20	Uncovering seasonal patterns of 56 pesticides in surface coastal waters of the Ria Formosa lagoon (Portugal), using a GC-MS method. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 1370-1384.	3.3	21
21	Pollution by endocrine disruptors in a southwest European temperate coastal lagoon (Ria de Aveiro, Portugal). <i>Environmental Monitoring and Assessment</i> , 2016, 188, 240.	2.7	20
22	PAHs in water and surface sediments from Douro River estuary and Porto Atlantic coast (Portugal) – impacts on human health. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 425.	2.7	19
23	Determination of seventeen endocrine disruptor compounds and their spatial and seasonal distribution in Ria Formosa Lagoon (Portugal). <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8215-8226.	2.7	18
24	Environmental characterization of 4,4'-dichlorobenzophenone in surface waters from Macao and Hong Kong coastal areas (Pearl River Delta) and its toxicity on two biological models: <i>Artemia salina</i> and <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 1-11.	6.0	18
25	A mollusk VDR/PXR/CAR-like (NR1J) nuclear receptor provides insight into ancient detoxification mechanisms. <i>Aquatic Toxicology</i> , 2016, 174, 61-69.	4.0	16
26	Post-reclamation microbial diversity and functions in hexachlorocyclohexane (HCH) contaminated soil in relation to spontaneous HCH tolerant vegetation. <i>Science of the Total Environment</i> , 2021, 767, 144653.	8.0	16
27	Pollution by oestrogenic endocrine disruptors and β -sitosterol in a south-western European river (Mira, Portugal). <i>Environmental Monitoring and Assessment</i> , 2016, 188, 240.	2.7	15
28	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal) – Experimental assessment using a zebrafish embryo test. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 212-7.	4.0	14
29	Toxicological relevance of endocrine disruptors in the Tagus River estuary (Lisbon, Portugal). <i>Environmental Monitoring and Assessment</i> , 2015, 187, 483.	2.7	14
30	The changes in <i>Lemna minor</i> metabolomic profile: A response to diclofenac incubation. <i>Chemosphere</i> , 2022, 287, 132078.	8.2	9
31	Contamination levels of polychlorinated biphenyls in wild versus cultivated samples of female and male mussels (<i>Mytilus</i> sp.) from the Northwest Coast of Iberian Peninsula – new application for QuEChERS (Quick, Easy, Cheap, Effective, Rugged, and Safe) methodology. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1528-1540.	5.3	8
32	Genotoxic effects of combined multiple stressors on <i>Gammarus locusta</i> haemocytes: Interactions between temperature, pCO ₂ and the synthetic progestin levonorgestrel. <i>Environmental Pollution</i> , 2019, 245, 864-872.	7.5	7
33	Uptake and Translocation of Pharmaceuticals in Plants: Principles and Data Analysis. <i>Handbook of Environmental Chemistry</i> , 2020, , 103-140.	0.4	7
34	Estimating volumes from common carp hepatocytes using design-based stereology and examining correlations with profile areas: Revisiting a nutritional assay and unveiling guidelines to microscopists. <i>Microscopy Research and Technique</i> , 2019, 82, 861-871.	2.2	6
35	Untargeted Analysis of <i>Lemna minor</i> Metabolites: Workflow and Prioritization Strategy Comparing Highly Confident Features between Different Mass Spectrometers. <i>Metabolites</i> , 2021, 11, 832.	2.9	5
36	Annual Fluctuations of Endocrine-Disrupting Compounds at the Lower End of the Lima River, Portugal, and in Adjacent Coastal Waters. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 389-401.	4.1	4

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37	Uptake and depuration kinetics of dicofol metabolite 4,4-dichlorobenzophenone, in the edible Asiatic clam <i>Meretrix meretrix</i> . <i>Chemosphere</i> , 2019, 235, 662-669.	8.2	3
38	Removal of tramadol from water using <i>Typha angustifolia</i> and <i>Hordeum vulgare</i> as biological models: Possible interaction with other pollutants in short-term uptake experiments. <i>Science of the Total Environment</i> , 2022, 809, 151164.	8.0	3
39	How can environmental conditions influence dicofol genotoxicity on the edible Asiatic clam, <i>Meretrix meretrix</i> ?. <i>Environmental Pollution</i> , 2022, 293, 118467.	7.5	3
40	Pesticides in Worldwide Aquatic Systems: Part II. , 0, , .		2
41	Effect of supplemental phospholipase A2 antibody on the growth performance and selected immune criteria of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture Research</i> , 2012, 43, 1900-1903.	1.8	0
42	Pesticides in Worldwide Aquatic Systems: Part I. , 0, , .		0