ClÃ¡udia Leopoldina Mieiro

List of Publications by Year
in descending order

35 papers	846 citations	471061 17 h-index	476904 29 g-index
36 all docs	36 docs citations	36 times ranked	1312 citing authors

#	Article	IF	Citations
1	Mercury distribution in key tissues of fish (Liza aurata) inhabiting a contaminated estuaryâ€"implications for human and ecosystem health risk assessment. Journal of Environmental Monitoring, 2009, 11, 1004.	2.1	90
2	Mercury biomagnification in a contaminated estuary food web: Effects of age and trophic position using stable isotope analyses. Marine Pollution Bulletin, 2013, 69, 110-115.	2.3	66
3	Brain as a critical target of mercury in environmentally exposed fish (Dicentrarchus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 T	1.9	54
4	Antioxidant system breakdown in brain of feral golden grey mullet (Liza aurata) as an effect of mercury exposure. Ecotoxicology, 2010, 19, 1034-1045.	1.1	52
5	Lipid peroxidation vs. antioxidant modulation in the bivalve Scrobicularia plana in response to environmental mercuryâ€"Organ specificities and age effect. Aquatic Toxicology, 2011, 103, 150-158.	1.9	51
6	Metallothioneins failed to reflect mercury external levels of exposure and bioaccumulation in marine fish â€" Considerations on tissue and species specific responses. Chemosphere, 2011, 85, 114-121.	4.2	51
7	Major inputs and mobility of potentially toxic elements contamination in urban areas. Environmental Monitoring and Assessment, 2013, 185, 279-294.	1.3	47
8	Title is missing!. Hydrobiologia, 1998, 382, 41-51.	1.0	36
9	Carbonaceous materials in size-segregated atmospheric aerosols from urban and coastal-rural areas at the Western European Coast. Atmospheric Research, 2008, 90, 253-263.	1.8	34
10	Fish and mercury: Influence of fish fillet culinary practices on human risk. Food Control, 2016, 60, 575-581.	2.8	30
11	Mercury Stable Isotopes Discriminate Different Populations of European Seabass and Trace Potential Hg Sources around Europe. Environmental Science & Technology, 2017, 51, 12219-12228.	4.6	27
12	Spatial Variation in Mercury Bioaccumulation and Magnification in a Temperate Estuarine Food Web. Frontiers in Marine Science, 2019, 6, .	1.2	27
13	Mercury Organotropism in Feral European Sea Bass (Dicentrarchus labrax). Archives of Environmental Contamination and Toxicology, 2011, 61, 135-143.	2.1	23
14	Evaluation of Species-Specific Dissimilarities in Two Marine Fish Species: Mercury Accumulation as a Function of Metal Levels in Consumed Prey. Archives of Environmental Contamination and Toxicology, 2012, 63, 125-136.	2.1	22
15	Mild Effects of Sunscreen Agents on a Marine Flatfish: Oxidative Stress, Energetic Profiles, Neurotoxicity and Behaviour in Response to Titanium Dioxide Nanoparticles and Oxybenzone. International Journal of Molecular Sciences, 2021, 22, 1567.	1.8	19
16	Mercury accumulation patterns and biochemical endpoints in wild fish (Liza aurata): A multi-organ approach. Ecotoxicology and Environmental Safety, 2011, 74, 2225-2232.	2.9	18
17	The significance of cephalopod beaks in marine ecology studies: Can we use beaks for DNA analyses and mercury contamination assessment?. Marine Pollution Bulletin, 2016, 103, 220-226.	2.3	18
18	Controlling factors and environmental implications of mercury contamination in urban and agricultural soils under a long-term influence of a chlor-alkali plant in the Northâ€"West Portugal. Environmental Geology, 2009, 57, 91-98.	1.2	17

#	Article	IF	Citations
19	Fish consumption and risk of contamination by mercury â€“ Considerations on the definition of edible parts based on the case study of European sea bass. Marine Pollution Bulletin, 2011, 62, 2850-2853.	2.3	17
20	Vertical distribution of major, minor and trace elements in sediments from mud volcanoes of the Gulf of Cadiz: evidence of Cd, As and Ba fronts in upper layers. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 131, 133-143.	0.6	17
21	Mercury accumulation and tissue-specific antioxidant efficiency in the wild European sea bass (Dicentrarchus labrax) with emphasis on seasonality. Environmental Science and Pollution Research, 2014, 21, 10638-10651.	2.7	15
22	Mercury bioaccessibility in fish and seafood: Effect of method, cooking and trophic level on consumption risk assessment. Marine Pollution Bulletin, 2022, 179, 113736.	2.3	15
23	Impairment of mitochondrial energy metabolism of two marine fish by in vitro mercuric chloride exposure. Marine Pollution Bulletin, 2015, 97, 488-493.	2.3	13
24	Mercury-Induced Chromosomal Damage in Wild Fish (Dicentrarchus labrax L.) Reflecting Aquatic Contamination in Contrasting Seasons. Archives of Environmental Contamination and Toxicology, 2012, 63, 554-562.	2.1	12
25	Addressing the impact of mercury estuarine contamination in the European eel (Anguilla anguilla L.,) Tj ETQq1 1 0.784314 rgBT /Overla Pollution Bulletin, 2018, 127, 733-742.	2.3	12
26	Advances on assessing nanotoxicity in marine fish â€“ the pros and cons of combining an ex vivo approach and histopathological analysis in gills. Aquatic Toxicology, 2019, 217, 105322.	1.9	11
27	Effect of historical contamination in the fish community structure of a recovering temperate coastal lagoon. Marine Pollution Bulletin, 2016, 111, 221-230.	2.3	10
28	Trace elements in two marine fish species during estuarine residency: Non-essential versus essential. Marine Pollution Bulletin, 2012, 64, 2844-2848.	2.3	9
29	An international proficiency test as a tool to evaluate mercury determination in environmental matrices. TrAC - Trends in Analytical Chemistry, 2015, 64, 136-148.	5.8	9
30	Rare earth elements in mud volcano sediments from the Gulf of Cadiz, South Iberian Peninsula. Science of the Total Environment, 2019, 652, 869-879.	3.9	8
31	Total mercury in sediments from mud volcanoes in Gulf of Cadiz. Marine Pollution Bulletin, 2007, 54, 1539-1544.	2.3	7
32	Macroalgae-enriched diet protects gilthead seabream (Sparus aurata) against erythrocyte population instability and chromosomal damage induced by aqua-medicines. Journal of Applied Phycology, 2020, 32, 1477-1493.	1.5	6
33	Ex vivo exposure to titanium dioxide and silver nanoparticles mildly affect sperm of gilthead seabream (Sparus aurata) - A multiparameter spermiotoxicity approach. Marine Pollution Bulletin, 2022, 177, 113487.	2.3	2
34	The Second Young Environmental Scientist (YES) meeting 2011 at RWTH Aachen University - environmental challenges in a changing world. Environmental Sciences Europe, 2011, 23, .	11.0	1
35	2nd SETAC Europe Young Environmental Scientists (YES) Meeting 2011 at RWTH Aachen University, 28 February till 2 March 2011. Environmental Sciences Europe, 2010, 22, 509-510.	0.1	0