

Ã,ngela Serafim

List of Publications by Year in descending order

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42
papers

2,121
citations

201674

27
h-index

265206

42
g-index

42
all docs

42
docs citations

42
times ranked

2434
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of cadmium, copper and mercury on antioxidant enzyme activities and lipid peroxidation in the gills of the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Marine Environmental Research</i> , 2004, 58, 377-381.	2.5	178
2	Contamination assessment of a coastal lagoon (Ria de Aveiro, Portugal) using defence and damage biochemical indicators in gill of <i>Liza aurata</i> – An integrated biomarker approach. <i>Environmental Pollution</i> , 2009, 157, 959-967.	7.5	135
3	Application of an integrated biomarker response index (IBR) to assess temporal variation of environmental quality in two Portuguese aquatic systems. <i>Ecological Indicators</i> , 2012, 19, 215-225.	6.3	126
4	Effect of cadmium on antioxidant enzyme activities and lipid peroxidation in the gills of the clam <i>Ruditapes decussatus</i> . <i>Biomarkers</i> , 2002, 7, 242-256.	1.9	119
5	Antioxidant systems and lipid peroxidation in from Mid-Atlantic Ridge hydrothermal vent fields. <i>Aquatic Toxicology</i> , 2005, 75, 354-373.	4.0	99
6	A multibiomarker approach in the clam <i>Ruditapes decussatus</i> to assess the impact of pollution in the Ria Formosa lagoon, South Coast of Portugal. <i>Marine Environmental Research</i> , 2012, 75, 23-34.	2.5	97
7	Antioxidant enzyme activities, metallothioneins and lipid peroxidation as biomarkers in <i>Ruditapes decussatus</i> ?. <i>Ecotoxicology</i> , 2003, 12, 417-426.	2.4	93
8	Response of antioxidant systems to copper in the gills of the clam <i>Ruditapes decussatus</i> . <i>Marine Environmental Research</i> , 2002, 54, 413-417.	2.5	92
9	Multi-biomarker responses to estuarine habitat contamination in three fish species: <i>Dicentrarchus labrax</i> , <i>Solea senegalensis</i> and <i>Pomatoschistus microps</i> . <i>Aquatic Toxicology</i> , 2011, 102, 216-227.	4.0	85
10	A multibiomarker approach in <i>Mytilus galloprovincialis</i> to assess environmental quality. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1673.	2.1	77
11	The effect of cadmium on antioxidant responses and the susceptibility to oxidative stress in the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Marine Biology</i> , 2006, 148, 817-825.	1.5	70
12	Antioxidant biochemical responses to long-term copper exposure in <i>Bathymodiolus azoricus</i> from Menez-Gwen hydrothermal vent. <i>Science of the Total Environment</i> , 2008, 389, 407-417.	8.0	60
13	European eel (<i>Anguilla anguilla</i> L.) metallothionein, endocrine, metabolic and genotoxic responses to copper exposure. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 20-26.	6.0	60
14	KINETIC MODEL OF CADMIUM ACCUMULATION AND ELIMINATION AND METALLOTHIONEIN RESPONSE IN <i>RUDITAPES DECUSSATUS</i> . <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 960.	4.3	50
15	Biomarkers of exposure to metal contamination and lipid peroxidation in the benthic fish <i>Cathorops spixii</i> from two estuaries in South America, Brazil. <i>Ecotoxicology</i> , 2009, 18, 1001-1010.	2.4	50
16	Wild juvenile <i>Dicentrarchus labrax</i> L. liver antioxidant and damage responses at Aveiro Lagoon, Portugal. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1861-1870.	6.0	44
17	A multi-biomarker approach in cross-transplanted mussels <i>Mytilus galloprovincialis</i> . <i>Ecotoxicology</i> , 2011, 20, 1959-1974.	2.4	43
18	DNA damage and lipid peroxidation vs. protection responses in the gill of <i>Dicentrarchus labrax</i> L. from a contaminated coastal lagoon (Ria de Aveiro, Portugal). <i>Science of the Total Environment</i> , 2008, 406, 298-307.	8.0	42

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19	Using biochemical and isotope geochemistry to understand the environmental and public health implications of lead pollution in the lower Guadiana River, Iberia: A freshwater bivalve study. <i>Science of the Total Environment</i> , 2008, 405, 109-119.	8.0	42
20	Evaluation of sediment toxicity in different Portuguese estuaries: Ecological impact of metals and polycyclic aromatic hydrocarbons. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 30-41.	2.1	38
21	Metallothionein role in the kinetic model of copper accumulation and elimination in the clam <i>Ruditapes decussatus</i> . <i>Environmental Research</i> , 2009, 109, 390-399.	7.5	37
22	Evaluation of oxidative DNA lesions in plasma and nuclear abnormalities in erythrocytes of wild fish (<i>Liza aurata</i>) as an integrated approach to genotoxicity assessment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 83-89.	1.7	36
23	Assessment of Essential and Nonessential Metals and Different Metal Exposure Biomarkers in the Human Placenta in a Population from the South of Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 867-877.	2.3	33
24	Hepatic metallothionein concentrations in the golden grey mullet (<i>Liza aurata</i>) – Relationship with environmental metal concentrations in a metal-contaminated coastal system in Portugal. <i>Marine Environmental Research</i> , 2010, 69, 227-233.	2.5	32
25	Sub-lethal effects of cadmium on the antioxidant defence system of the hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 788-795.	6.0	32
26	Short-term variability of multiple biomarker response in fish from estuaries: Influence of environmental dynamics. <i>Marine Environmental Research</i> , 2011, 72, 172-178.	2.5	30
27	Effect of a polymetallic mixture on metal accumulation and metallothionein response in the clam <i>Ruditapes decussatus</i> . <i>Aquatic Toxicology</i> , 2010, 99, 370-378.	4.0	29
28	Temporal variation in the antioxidant defence system and lipid peroxidation in the gills and mantle of hydrothermal vent mussel <i>Bathymodiolus azoricus</i> . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1101-1116.	1.4	28
29	Detoxification mechanisms in shrimp: Comparative approach between hydrothermal vent fields and estuarine environments. <i>Marine Environmental Research</i> , 2008, 66, 35-37.	2.5	25
30	Metal concentrations and metallothionein-like protein levels in deep-sea fishes captured near hydrothermal vents in the Mid-Atlantic Ridge off Azores. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 893-908.	1.4	25
31	Source and impact of lead contamination on γ -aminolevulinic acid dehydratase activity in several marine bivalve species along the Gulf of Cadiz. <i>Aquatic Toxicology</i> , 2011, 101, 146-154.	4.0	25
32	Comparative petroleum hydrocarbons levels and biochemical responses in mussels from hydrothermal vents (<i>Bathymodiolus azoricus</i>) and coastal environments (<i>Mytilus galloprovincialis</i>). <i>Marine Pollution Bulletin</i> , 2008, 57, 529-537.	5.0	24
33	Adaptation to metal toxicity: a comparison of hydrothermal vent and coastal shrimps. <i>Marine Ecology</i> , 2007, 28, 100-107.	1.1	23
34	Polychlorinated biphenyls (PCBs) and p,p'-dichlorodiphenyldichloroethylene (DDE) concentrations in maternal and umbilical cord serum in a human cohort from South Portugal. <i>Chemosphere</i> , 2014, 114, 291-302.	8.2	23
35	Modeling fish biological responses to contaminants and natural variability in estuaries. <i>Marine Environmental Research</i> , 2014, 96, 45-55.	2.5	22
36	Habitat quality of estuarine nursery grounds: Integrating non-biological indicators and multilevel biological responses in <i>Solea senegalensis</i> . <i>Ecological Indicators</i> , 2015, 58, 335-345.	6.3	22

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37	Adaptation of the antioxidant defence system in hydrothermal-vent mussels (<i>Bathymodiolus azoricus</i>) transplanted between two Mid-Atlantic Ridge sites. <i>Marine Ecology</i> , 2007, 28, 93-99.	1.1	17
38	Spatial and seasonal biomarker responses in the clam <i>Ruditapes decussatus</i> . <i>Biomarkers</i> , 2013, 18, 30-43.	1.9	15
39	Golden grey mullet and sea bass oxidative DNA damage and clastogenic/aneugenic responses in a contaminated coastal lagoon. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1907-1913.	6.0	14
40	Involvement of Metallothionein in Zn Accumulation and Elimination Strategies in <i>Ruditapes decussatus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 189-199.	4.1	12
41	Protein expression profiles in <i>Bathymodiolus azoricus</i> exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 621-630.	6.0	11
42	Efecto de la exposici3n al cobre sobre el crecimiento, 3ndices de condici3n y respuesta en biomarcadores en juveniles de lenguado <i>Solea senegalensis&/i>. <i>Scientia Marina</i> , 2009, 73, .	0.6	6