

Francesco Regoli

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220
papers

12,956
citations

59
h-index

108
g-index

228
ext. papers

14,752
ext. citations

5.7
avg, IF

6.97
L-index

#	Paper	IF	Citations
220	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. <i>Environmental Pollution</i> , 2015 , 198, 211-22	9.3	678
219	Plastics and microplastics in the oceans: From emerging pollutants to emerged threat. <i>Marine Environmental Research</i> , 2017 , 128, 2-11	3.3	560
218	Glutathione, glutathione-dependent and antioxidant enzymes in mussel, <i>Mytilus galloprovincialis</i> , exposed to metals under field and laboratory conditions: implications for the use of biochemical biomarkers. <i>Aquatic Toxicology</i> , 1995 , 31, 143-164	5.1	495
217	Oxidative pathways of chemical toxicity and oxidative stress biomarkers in marine organisms. <i>Marine Environmental Research</i> , 2014 , 93, 106-17	3.3	485
216	Experimental development of a new protocol for extraction and characterization of microplastics in fish tissues: First observations in commercial species from Adriatic Sea. <i>Marine Environmental Research</i> , 2015 , 111, 18-26	3.3	410
215	The Mediterranean Plastic Soup: synthetic polymers in Mediterranean surface waters. <i>Scientific Reports</i> , 2016 , 6, 37551	4.9	361
214	Quantification of total oxidant scavenging capacity of antioxidants for peroxyxynitrite, peroxy radicals, and hydroxyl radicals. <i>Toxicology and Applied Pharmacology</i> , 1999 , 156, 96-105	4.6	337
213	Role of the chronic air pollution levels in the Covid-19 outbreak risk in Italy. <i>Environmental Pollution</i> , 2020 , 264, 114732	9.3	336
212	A rapid gas chromatographic assay for determining oxyradical scavenging capacity of antioxidants and biological fluids. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 480-93	7.8	281
211	The fate of microplastics in an Italian Wastewater Treatment Plant. <i>Science of the Total Environment</i> , 2019 , 652, 602-610	10.2	223
210	Oxidative stress in ecotoxicology: from the analysis of individual antioxidants to a more integrated approach. <i>Marine Environmental Research</i> , 2002 , 54, 419-23	3.3	208
209	Time-course variations of oxyradical metabolism, DNA integrity and lysosomal stability in mussels, <i>Mytilus galloprovincialis</i> , during a field translocation experiment. <i>Aquatic Toxicology</i> , 2004 , 68, 167-78	5.1	194
208	Total oxyradical scavenging capacity (TOSC) in polluted and translocated mussels: a predictive biomarker of oxidative stress. <i>Aquatic Toxicology</i> , 2000 , 50, 351-361	5.1	172
207	Placebo-controlled double-blind randomized trial on the use of L-carnitine, L-acetylcarnitine, or combined L-carnitine and L-acetylcarnitine in men with idiopathic asthenozoospermia. <i>Fertility and Sterility</i> , 2005 , 84, 662-71	4.8	167
206	Seasonal variability of oxidative biomarkers, lysosomal parameters, metallothioneins and peroxisomal enzymes in the Mediterranean mussel <i>Mytilus galloprovincialis</i> from Adriatic Sea. <i>Chemosphere</i> , 2006 , 65, 913-21	8.4	165
205	Lysosomal and antioxidant responses to metals in the Antarctic scallop <i>Adamussium colbecki</i> . <i>Aquatic Toxicology</i> , 1998 , 40, 375-392	5.1	164
204	Lysosomal responses as a sensitive stress index in biomonitoring heavy metal pollution. <i>Marine Ecology - Progress Series</i> , 1992 , 84, 63-69	2.6	163

203	Microplastics as Vehicles of Environmental PAHs to Marine Organisms: Combined Chemical and Physical Hazards to the Mediterranean Mussels, <i>Mytilus galloprovincialis</i> . <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	162
202	Sublethal toxicity of nano-titanium dioxide and carbon nanotubes in a sediment dwelling marine polychaete. <i>Environmental Pollution</i> , 2010 , 158, 1748-55	9.3	159
201	Trace metals and antioxidant enzymes in gills and digestive gland of the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 1998 , 34, 48-63	3.2	151
200	Pharmaceuticals in the aquatic environments: Evidence of emerged threat and future challenges for marine organisms. <i>Marine Environmental Research</i> , 2018 , 140, 41-60	3.3	145
199	Integrating enzymatic responses to organic chemical exposure with total oxyradical absorbing capacity and DNA damage in the European eel <i>Anguilla anguilla</i> . <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 2120-9	3.8	143
198	Molecular and biochemical biomarkers in environmental monitoring: a comparison of biotransformation and antioxidant defense systems in multiple tissues. <i>Aquatic Toxicology</i> , 2011 , 105, 56-66	5.1	142
197	Contaminant accumulation and biomarker responses in caged mussels, <i>Mytilus galloprovincialis</i> , to evaluate bioavailability and toxicological effects of remobilized chemicals during dredging and disposal operations in harbour areas. <i>Aquatic Toxicology</i> , 2008 , 89, 257-66	5.1	128
196	Physical activity, plasma antioxidant capacity, and endothelium-dependent vasodilation in young and older men. <i>American Journal of Hypertension</i> , 2005 , 18, 510-6	2.3	127
195	A comparative study of the in vitro antioxidant activity of statins. <i>International Journal of Cardiology</i> , 2003 , 90, 317-21	3.2	126
194	An ecotoxicological protocol with caged mussels, <i>Mytilus galloprovincialis</i> , for monitoring the impact of an offshore platform in the Adriatic Sea. <i>Marine Environmental Research</i> , 2008 , 65, 34-49	3.3	124
193	Use of the land snail <i>Helix aspersa</i> as sentinel organism for monitoring ecotoxicologic effects of urban pollution: an integrated approach. <i>Environmental Health Perspectives</i> , 2006 , 114, 63-9	8.4	123
192	Application of biomarkers for assessing the biological impact of dredged materials in the Mediterranean: the relationship between antioxidant responses and susceptibility to oxidative stress in the red mullet (<i>Mullus barbatus</i>). <i>Marine Pollution Bulletin</i> , 2002 , 44, 912-22	6.7	120
191	DNA integrity and total oxyradical scavenging capacity in the Mediterranean mussel, <i>Mytilus galloprovincialis</i> : a field study in a highly eutrophicated coastal lagoon. <i>Aquatic Toxicology</i> , 2001 , 53, 19-32	5.1	119
190	Assessing sediment hazard through a weight of evidence approach with bioindicator organisms: a practical model to elaborate data from sediment chemistry, bioavailability, biomarkers and ecotoxicological bioassays. <i>Chemosphere</i> , 2011 , 83, 475-85	8.4	114
189	Cellular biomarkers for monitoring estuarine environments: transplanted versus native mussels. <i>Aquatic Toxicology</i> , 2006 , 77, 339-47	5.1	114
188	Presence of microplastics in benthic and epibenthic organisms: Influence of habitat, feeding mode and trophic level. <i>Environmental Pollution</i> , 2018 , 243, 1217-1225	9.3	114
187	Biochemical characterization of the antioxidant system in the scallop <i>Adamussium colbecki</i> , a sentinel organism for monitoring the Antarctic environment. <i>Polar Biology</i> , 1997 , 17, 251-258	2	109
186	Identification of the Nrf2-Keap1 pathway in the European eel <i>Anguilla anguilla</i> : role for a transcriptional regulation of antioxidant genes in aquatic organisms. <i>Aquatic Toxicology</i> , 2014 , 150, 117-23	5.1	106

185	An in vitro study on the free radical scavenging capacity of ergothioneine: comparison with reduced glutathione, uric acid and trolox. <i>Biomedicine and Pharmacotherapy</i> , 2006 , 60, 453-7	7.5	99
184	Oxidative stress responses in two populations of <i>Laeonereis acuta</i> (Polychaeta, Nereididae) after acute and chronic exposure to copper. <i>Marine Environmental Research</i> , 2004 , 58, 1-17	3.3	99
183	Seasonal, spatial and inter-annual variations of trace metals in mussels from the Adriatic sea: a regional gradient for arsenic and implications for monitoring the impact of off-shore activities. <i>Chemosphere</i> , 2008 , 72, 1524-1533	8.4	97
182	Seasonal variations of exposure biomarkers, oxidative stress responses and cell damage in the clams, <i>Tapes philippinarum</i> , and mussels, <i>Mytilus galloprovincialis</i> , from Adriatic sea. <i>Marine Environmental Research</i> , 2008 , 66, 24-6	3.3	93
181	Accumulation and subcellular distribution of metals (Cu, Fe, Mn, Pb and Zn) in the Mediterranean mussel <i>Mytilus galloprovincialis</i> during a field transplant experiment. <i>Marine Pollution Bulletin</i> , 1994 , 28, 592-600	6.7	90
180	Oxidative and modulatory effects of trace metals on metabolism of polycyclic aromatic hydrocarbons in the Antarctic fish <i>Trematomus bernacchii</i> . <i>Aquatic Toxicology</i> , 2007 , 85, 167-75	5.1	89
179	A multidisciplinary weight of evidence approach for classifying polluted sediments: Integrating sediment chemistry, bioavailability, biomarkers responses and bioassays. <i>Environment International</i> , 2012 , 38, 17-28	12.9	87
178	Arsenic speciation in tissues of the Mediterranean polychaete <i>Sabella spallanzanii</i> . <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 1881-7	3.8	83
177	Ecotoxicological potential of non-steroidal anti-inflammatory drugs (NSAIDs) in marine organisms: Bioavailability, biomarkers and natural occurrence in <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2016 , 121, 31-9	3.3	82
176	Total oxidant scavenging capacity (TOSC) of microsomal and cytosolic fractions from Antarctic, Arctic and Mediterranean scallops: differentiation between three potent oxidants. <i>Aquatic Toxicology</i> , 2000 , 49, 13-25	5.1	78
175	A multidisciplinary weight of evidence approach for environmental risk assessment at the Costa Concordia wreck: Integrative indices from Mussel Watch. <i>Marine Environmental Research</i> , 2014 , 96, 92-104	3.3	76
174	Indirect effects of climate changes on cadmium bioavailability and biological effects in the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2017 , 169, 493-502	8.4	75
173	Chemical speciation of arsenic in different marine organisms: Importance in monitoring studies. <i>Marine Environmental Research</i> , 2004 , 58, 845-50	3.3	69
172	Integrated approach to assess ecosystem health in harbor areas. <i>Science of the Total Environment</i> , 2015 , 514, 92-107	10.2	68
171	Seasonal variability of metallothioneins, cytochrome P450, Bile metabolites and oxyradical metabolism in the European eel <i>Anguilla anguilla</i> L. (Anguillidae) and striped mullet <i>Mugil cephalus</i> L. (Mugilidae). <i>Archives of Environmental Contamination and Toxicology</i> , 2005 , 49, 62-70	3.2	68
170	Microplastics pollution after the removal of the Costa Concordia wreck: First evidences from a biomonitoring case study. <i>Environmental Pollution</i> , 2017 , 227, 207-214	9.3	67
169	Seasonal variations of susceptibility to oxidative stress in <i>Adamussium colbecki</i> , a key bioindicator species for the Antarctic marine environment. <i>Science of the Total Environment</i> , 2002 , 289, 205-11	10.2	65
168	Seasonal variation of trace metal concentrations in the digestive gland of the Mediterranean mussel <i>Mytilus galloprovincialis</i> : comparison between a polluted and a non-polluted site. <i>Archives of Environmental Contamination and Toxicology</i> , 1994 , 27, 36-43	3.2	64

167	Occurrence of Microplastics in Commercial Seafood under the Perspective of the Human Food Chain. A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 5296-5301	5.7	64
166	Bioremediation of marine sediments contaminated by hydrocarbons: experimental analysis and kinetic modeling. <i>Journal of Hazardous Materials</i> , 2010 , 182, 403-7	12.8	62
165	Interactions between metabolism of trace metals and xenobiotic agonists of the aryl hydrocarbon receptor in the antarctic fish <i>Trematomus bernacchii</i> : environmental perspectives. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1475-82	3.8	62
164	Effects of blood lipid lowering pharmaceuticals (bezafibrate and gemfibrozil) on immune and digestive gland functions of the bivalve mollusc, <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2007 , 69, 994-1002	8.4	61
163	Effects of harmful dinoflagellate <i>Ostreopsis cf. ovata</i> exposure on immunological, histological and oxidative responses of mussels <i>Mytilus galloprovincialis</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 35, 941-50	4.3	60
162	Forearc carbon sink reduces long-term volatile recycling into the mantle. <i>Nature</i> , 2019 , 568, 487-492	50.4	59
161	Long-term exposure of <i>Mytilus galloprovincialis</i> to diclofenac, ibuprofen and Ketoprofen: Insights into bioavailability, biomarkers and transcriptomic changes. <i>Chemosphere</i> , 2018 , 198, 238-248	8.4	59
160	Transcriptional and catalytic responses of antioxidant and biotransformation pathways in mussels, <i>Mytilus galloprovincialis</i> , exposed to chemical mixtures. <i>Aquatic Toxicology</i> , 2013 , 134-135, 120-7	5.1	57
159	Analysis of vitellogenin gene induction as a valuable biomarker of estrogenic exposure in various Mediterranean fish species. <i>Environmental Research</i> , 2006 , 101, 68-73	7.9	57
158	Pro-oxidant effects of extremely low frequency electromagnetic fields in the land snail <i>Helix aspersa</i> . <i>Free Radical Biology and Medicine</i> , 2005 , 39, 1620-8	7.8	57
157	Microplastics in the crustaceans <i>Nephrops norvegicus</i> and <i>Aristeus antennatus</i> : Flagship species for deep-sea environments?. <i>Environmental Pollution</i> , 2019 , 255, 113107	9.3	56
156	Characterization of arsenic content in marine organisms from temperate, tropical, and polar environments. <i>Chemistry and Ecology</i> , 2006 , 22, 405-414	2.3	56
155	Heavy metals in the Antarctic scallop <i>Adamussium colbecki</i> . <i>Marine Ecology - Progress Series</i> , 1990 , 67, 27-33	2.6	56
154	Benthic Crustacean Digestion Can Modulate the Environmental Fate of Microplastics in the Deep Sea. <i>Environmental Science & Technology</i> , 2020 , 54, 4886-4892	10.3	53
153	Oxidative stress defense in human-skin-derived mesenchymal stem cells versus human keratinocytes: Different mechanisms of protection and cell selection. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 830-8	7.8	53
152	Time-course evaluation of ROS-mediated toxicity in mussels, <i>Mytilus galloprovincialis</i> , during a field translocation experiment. <i>Marine Environmental Research</i> , 2004 , 58, 609-13	3.3	53
151	Induction of DNA strand breakage and apoptosis in the eel <i>Anguilla anguilla</i> . <i>Marine Environmental Research</i> , 2002 , 54, 517-20	3.3	53
150	Antioxidant, genotoxic and lysosomal biomarkers in the freshwater bivalve (<i>Unio pictorum</i>) transplanted in a metal polluted river basin. <i>Aquatic Toxicology</i> , 2010 , 100, 75-83	5.1	52

149	Trace metal concentrations and susceptibility to oxidative stress in the polychaete <i>Sabella spallanzanii</i> (Gmelin) (Sabellidae): potential role of antioxidants in revealing stressful environmental conditions in the Mediterranean. <i>Archives of Environmental Contamination and Toxicology</i> , 2004 , 46, 353-61	3.2	51
148	Distribution and characterization of microplastic particles and textile microfibers in Adriatic food webs: General insights for biomonitoring strategies. <i>Environmental Pollution</i> , 2020 , 258, 113766	9.3	51
147	Biomarker responses and PAH uptake in <i>Mya truncata</i> following exposure to oil-contaminated sediment in an Arctic fjord (Svalbard). <i>Science of the Total Environment</i> , 2003 , 308, 221-34	10.2	50
146	Defenses against oxidative stress in the Antarctic scallop <i>Adamussium colbecki</i> and effects of acute exposure to metals. <i>Hydrobiologia</i> , 1997 , 355, 139-144	2.4	49
145	Trace metals and variations of antioxidant enzymes in Arctic bivalve populations. <i>Archives of Environmental Contamination and Toxicology</i> , 1998 , 35, 594-601	3.2	49
144	Total oxyradical scavenging capacity and cell membrane stability of haemocytes of the Arctic scallop, <i>Chlamys islandicus</i> , following benzo(a)pyrene exposure. <i>Marine Environmental Research</i> , 2002 , 54, 425-30	3.3	49
143	Effect of biologic therapies targeting tumour necrosis factor- α on cutaneous mesenchymal stem cells in psoriasis. <i>British Journal of Dermatology</i> , 2012 , 167, 68-76	4	48
142	Applications of a new method for measuring the total oxyradical scavenging capacity in marine invertebrates. <i>Marine Environmental Research</i> , 1998 , 46, 439-442	3.3	48
141	Susceptibility to oxidative stress of the Mediterranean demosponge <i>Petrosia ficiformis</i> : role of endosymbionts and solar irradiance. <i>Marine Biology</i> , 2000 , 137, 453-461	2.5	48
140	Ecotoxicological and human health risk in a petrochemical district of southern Italy. <i>Marine Environmental Research</i> , 2008 , 66, 215-7	3.3	47
139	Effects of different inorganic arsenic species in <i>Cyprinus carpio</i> (Cyprinidae) tissues after short-time exposure: bioaccumulation, biotransformation and biological responses. <i>Environmental Pollution</i> , 2009 , 157, 3479-84	9.3	46
138	Environmental hazards from natural hydrocarbons seepage: integrated classification of risk from sediment chemistry, bioavailability and biomarkers responses in sentinel species. <i>Environmental Pollution</i> , 2014 , 185, 116-26	9.3	43
137	<i>Mytilus galloprovincialis</i> as a bioindicator of lead pollution: biological variables and cellular responses. <i>Science of the Total Environment</i> , 1993 , 134, 1283-1292	10.2	43
136	Oxidative metabolism of chemical pollutants in marine organisms: molecular and biochemical biomarkers in environmental toxicology. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1340, 8-19	6.5	41
135	Metallothioneins in Arctic bivalves. <i>Ecotoxicology and Environmental Safety</i> , 1998 , 41, 96-102	7	41
134	Levels and chemical speciation of arsenic in polychaetes: a review. <i>Marine Ecology</i> , 2005 , 26, 255-264	1.4	40
133	Antioxidant efficiency in early life stages of the Antarctic silverfish, <i>Pleuragramma antarcticum</i> : responsiveness to pro-oxidant conditions of platelet ice and chemical exposure. <i>Aquatic Toxicology</i> , 2005 , 75, 43-52	5.1	39
132	Radical-scavenging activity, protective effect against lipid peroxidation and mineral contents of monofloral Cuban honeys. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 31-8	3.9	38

131	Toxicological responses in <i>Laeonereis acuta</i> (annelida, polychaeta) after arsenic exposure. <i>Environment International</i> , 2007 , 33, 559-64	12.9	38
130	Cellular responses in the cyprinid <i>Leuciscus cephalus</i> from a contaminated freshwater ecosystem. <i>Aquatic Toxicology</i> , 2008 , 89, 188-96	5.1	37
129	Oxidative and interactive challenge of cadmium and ocean acidification on the smooth scallop <i>Flexopecten glaber</i> . <i>Aquatic Toxicology</i> , 2018 , 196, 53-60	5.1	36
128	Interactions between trace metals (Cu, Hg, Ni, Pb) and 2,3,7,8-tetrachlorodibenzo-p-dioxin in the Antarctic fish <i>Trematomus bernacchii</i> : oxidative effects on biotransformation pathway. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 818-25	3.8	35
127	Immunofluorescent detection of 8-oxo-dG and PAH bulky adducts in fish liver and mussel digestive gland. <i>Aquatic Toxicology</i> , 2005 , 71, 335-43	5.1	35
126	Transcriptional and cellular effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in experimentally exposed mussels, <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2016 , 180, 306-319	5.1	34
125	Identification of five partial ABC genes in the liver of the Antarctic fish <i>Trematomus bernacchii</i> and sensitivity of ABCB1 and ABCC2 to Cd exposure. <i>Environmental Pollution</i> , 2010 , 158, 2746-56	9.3	34
124	Biological effects of palytoxin-like compounds from <i>Ostreopsis cf. ovata</i> : a multibiomarkers approach with mussels <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2012 , 89, 623-32	8.4	33
123	Hyperaccumulation of vanadium in the Antarctic polychaete <i>Perkinsiana littoralis</i> as a natural chemical defense against predation. <i>Environmental Science and Pollution Research</i> , 2010 , 17, 220-8	5.1	33
122	Short-term responses to cadmium exposure in the estuarine polychaete <i>Laeonereis acuta</i> (polychaeta, Nereididae): subcellular distribution and oxidative stress generation. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1337-44	3.8	33
121	Total Oxyradical Scavenging Capacity as an Index of Susceptibility to Oxidative Stress in Marine Organisms. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2003 , 9, 303-322		33
120	Seasonal variability of prooxidant pressure and antioxidant adaptation to symbiosis in the Mediterranean demosponge <i>Petrosia ficiformis</i> . <i>Marine Ecology - Progress Series</i> , 2004 , 275, 129-137	2.6	33
119	Bioaccumulation and biotransformation of arsenic in the Mediterranean polychaete <i>Sabella spallanzanii</i> : experimental observations. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 1186-91	3.8	32
118	Antioxidant responses in the nereidid <i>Laeonereis acuta</i> (Annelida, Polychaeta) after cadmium exposure. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 70, 115-20	7	31
117	Total oxyradical scavenging capacity toward different reactive oxygen species in seminal plasma and sperm cells. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 13-9	5.9	31
116	Induction of cytochrome P4501A and biliary PAH metabolites in European eel <i>Anguilla anguilla</i> : Seasonal, dose- and time-response variability in field and laboratory conditions. <i>Marine Environmental Research</i> , 2004 , 58, 511-5	3.3	31
115	Oxidative responsiveness to multiple stressors in the key Antarctic species, <i>Adamussium colbecki</i> : Interactions between temperature, acidification and cadmium exposure. <i>Marine Environmental Research</i> , 2016 , 121, 20-30	3.3	31
114	Development of a new integrative toxicity index based on an improvement of the sea urchin embryo toxicity test. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 123, 2-7	7	31

113	Environmental hazard assessment of a marine mine tailings deposit site and potential implications for deep-sea mining. <i>Environmental Pollution</i> , 2017 , 228, 169-178	9.3	29
112	Subtle effects of biological invasions: cellular and physiological responses of fish eating the exotic pest <i>Caulerpa racemosa</i> . <i>PLoS ONE</i> , 2012 , 7, e38763	3.7	29
111	Total oxyradical scavenging capacity in mussel <i>Mytilus</i> sp. as a new index of biological resistance to oxidative stress. <i>Chemosphere</i> , 1998 , 37, 2773-2783	8.4	29
110	Could molecular effects of <i>Caulerpa racemosa</i> metabolites modulate the impact on fish populations of <i>Diplodus sargus</i> ?. <i>Marine Environmental Research</i> , 2014 , 96, 2-11	3.3	28
109	The role of lipoic acid in the protection against of metallic pollutant effects in the shrimp <i>Litopenaeus vannamei</i> (Crustacea, Decapoda). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 165, 491-7	2.6	28
108	Effects of arsenic (As) exposure on the antioxidant status of gills of the zebrafish <i>Danio rerio</i> (Cyprinidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009 , 149, 538-43	3.2	28
107	Oxidative damage to DNA: an immunohistochemical approach for detection of 7,8-dihydro-8-oxodeoxyguanosine in marine organisms. <i>Marine Environmental Research</i> , 2004 , 58, 725-9	3.3	28
106	Effects of ocean warming and acidification on accumulation and cellular responsiveness to cadmium in mussels <i>Mytilus galloprovincialis</i> : Importance of the seasonal status. <i>Aquatic Toxicology</i> , 2018 , 204, 171-179	5.1	28
105	Biochemical responses induced by co-exposition to arsenic and titanium dioxide nanoparticles in the estuarine polychaete <i>Laeonereis acuta</i> . <i>Toxicology</i> , 2017 , 376, 51-58	4.4	27
104	Presence and inducibility by beta-naphthoflavone of CYP1A1, CYP1B1 and phase II enzymes in <i>Trematomus bernacchii</i> , an Antarctic fish. <i>Aquatic Toxicology</i> , 2007 , 84, 19-26	5.1	26
103	Plasma antioxidant activity and cutaneous microvascular endothelial function in athletes and sedentary controls. <i>Biomedicine and Pharmacotherapy</i> , 2004 , 58, 432-436	7.5	26
102	Vitellogenin gene expression in males of the Antarctic fish <i>Trematomus bernacchii</i> from Terra Nova Bay (Ross Sea): a role for environmental cadmium?. <i>Chemosphere</i> , 2007 , 66, 1270-7	8.4	25
101	Heart rate, respiration and total oxyradical scavenging capacity of the Arctic spider crab, <i>Hyas araneus</i> , following exposure to polycyclic aromatic compounds via sediment and injection. <i>Aquatic Toxicology</i> , 2002 , 61, 1-13	5.1	25
100	Integrated characterization and risk management of marine sediments: The case study of the industrialized Bagnoli area (Naples, Italy). <i>Marine Environmental Research</i> , 2020 , 160, 104984	3.3	25
99	Seasonal and inter-annual variability of DNA integrity in mussels <i>Mytilus galloprovincialis</i> : a possible role for natural fluctuations of trace metal concentrations and oxidative biomarkers. <i>Chemosphere</i> , 2009 , 77, 1551-7	8.4	24
98	Microplastics in real wastewater treatment schemes: Comparative assessment and relevant inhibition effects on anaerobic processes. <i>Chemosphere</i> , 2021 , 262, 128415	8.4	24
97	Biological effects of mechanically and chemically dispersed oil on the Icelandic scallop (<i>Chlamys islandica</i>). <i>Ecotoxicology and Environmental Safety</i> , 2016 , 127, 95-107	7	23
96	Susceptibility to oxidative stress in Adlle and emperor penguin. <i>Polar Biology</i> , 2001 , 24, 365-368	2	23

95	Reversibility of trace metals effects on sea urchin embryonic development. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 923-929	7	21
94	Can a marine pest reduce the nutritional value of Mediterranean fish flesh?. <i>Marine Biology</i> , 2014 , 161, 1275-1283	2.5	21
93	Levels and chemical speciation of arsenic in representative biota and sediments of a tropical mangrove wetland, India. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 773-82	4.3	21
92	Arsenic speciation and susceptibility to oxidative stress in the fanworm <i>Sabella spallanzanii</i> (Gmelin) (Annelida, Sabellidae) under naturally acidified conditions: An in situ transplant experiment in a Mediterranean CO ₂ vent system. <i>Science of the Total Environment</i> , 2016 , 544, 765-73	10.2	20
91	Plasma antioxidant activity and cutaneous microvascular endothelial function in athletes and sedentary controls. <i>Biomedicine and Pharmacotherapy</i> , 2004 , 58, 432-6	7.5	20
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