Francesco Regoli

List of Publications by Year
in descending order

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Version: 2024-02-01

218 papers	16,791 citations	14644 66 h-index	17090 122 g-index
228 all docs	228 docs citations	228 times ranked	14152 citing authors

#	Article	IF	Citations
1	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. Environmental Pollution, 2015, 198, 211-222.	3.7	989
2	Plastics and microplastics in the oceans: From emerging pollutants to emerged threat. Marine Environmental Research, 2017, 128, 2-11.	1.1	815
3	Oxidative pathways of chemical toxicity and oxidative stress biomarkers in marine organisms. Marine Environmental Research, 2014, 93, 106-117.	1.1	663
4	Experimental development of a new protocol for extraction and characterization of microplastics in fish tissues: First observations in commercial species from Adriatic Sea. Marine Environmental Research, 2015, 111, 18-26.	1.1	576
5	Glutathione, glutathione-dependent and antioxidant enzymes in mussel, Mytilus galloprovincialis, exposed to metals under field and laboratory conditions: implications for the use of biochemical biomarkers. Aquatic Toxicology, 1995, 31, 143-164.	1.9	538
6	The Mediterranean Plastic Soup: synthetic polymers in Mediterranean surface waters. Scientific Reports, 2016, 6, 37551.	1.6	537
7	Role of the chronic air pollution levels in the Covid-19 outbreak risk in Italy. Environmental Pollution, 2020, 264, 114732.	3.7	465
8	The fate of microplastics in an Italian Wastewater Treatment Plant. Science of the Total Environment, 2019, 652, 602-610.	3.9	388
9	Quantification of Total Oxidant Scavenging Capacity of Antioxidants for Peroxynitrite, Peroxyl Radicals, and Hydroxyl Radicals. Toxicology and Applied Pharmacology, 1999, 156, 96-105.	1.3	368
10	A Rapid Gas Chromatographic Assay for Determining Oxyradical Scavenging Capacity of Antioxidants and Biological Fluids. Free Radical Biology and Medicine, 1998, 24, 480-493.	1.3	312
11	Microplastics as Vehicles of Environmental PAHs to Marine Organisms: Combined Chemical and Physical Hazards to the Mediterranean Mussels, Mytilus galloprovincialis. Frontiers in Marine Science, 2018, 5, .	1.2	248
12	Oxidative stress in ecotoxicology: from the analysis of individual antioxidants to a more integrated approach. Marine Environmental Research, 2002, 54, 419-423.	1.1	239
13	Time-course variations of oxyradical metabolism, DNA integrity and lysosomal stability in mussels, Mytilus galloprovincialis, during a field translocation experiment. Aquatic Toxicology, 2004, 68, 167-178.	1.9	222
14	Pharmaceuticals in the aquatic environments: Evidence of emerged threat and future challenges for marine organisms. Marine Environmental Research, 2018, 140, 41-60.	1.1	218
15	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. Fertility and Sterility, 2005, 84, 662-671.	0.5	195
16	Presence of microplastics in benthic and epibenthic organisms: Influence of habitat, feeding mode and trophic level. Environmental Pollution, 2018, 243, 1217-1225.	3.7	195
17	Total oxyradical scavenging capacity (TOSC) in polluted and translocated mussels: a predictive biomarker of oxidative stress. Aquatic Toxicology, 2000, 50, 351-361.	1.9	194
18	Lysosomal responses as a sensitive stress index in biomonitoring heavy metal pollution. Marine Ecology - Progress Series, 1992, 84, 63-69.	0.9	194

#	Article	IF	Citations
19	Seasonal variability of oxidative biomarkers, lysosomal parameters, metallothioneins and peroxisomal enzymes in the Mediterranean mussel Mytilus galloprovincialis from Adriatic Sea. Chemosphere, 2006, 65, 913-921.	4.2	190
20	Molecular and biochemical biomarkers in environmental monitoring: A comparison of biotransformation and antioxidant defense systems in multiple tissues. Aquatic Toxicology, 2011, 105, 56-66.	1.9	182
21	Sublethal toxicity of nano-titanium dioxide and carbon nanotubes in a sediment dwelling marine polychaete. Environmental Pollution, 2010, 158, 1748-1755.	3.7	177
22	Lysosomal and antioxidant responses to metals in the Antarctic scallop Adamussium colbecki. Aquatic Toxicology, 1998, 40, 375-392.	1.9	175
23	Trace Metals and Antioxidant Enzymes in Gills and Digestive Gland of the Mediterranean Mussel Mytilus galloprovincialis. Archives of Environmental Contamination and Toxicology, 1998, 34, 48-63.	2.1	171
24	Occurrence of Microplastics in Commercial Seafood under the Perspective of the Human Food Chain. A Review. Journal of Agricultural and Food Chemistry, 2020, 68, 5296-5301.	2.4	167
25	INTEGRATING ENZYMATIC RESPONSES TO ORGANIC CHEMICAL EXPOSURE WITH TOTAL OXYRADICAL ABSORBING CAPACITY AND DNA DAMAGE IN THE EUROPEAN EEL ANGUILLA ANGUILLA. Environmental Toxicology and Chemistry, 2003, 22, 2120.	2.2	156
26	Physical activity, plasma antioxidant capacity, and endothelium-dependent vasodilation in young and older men. American Journal of Hypertension, 2005, 18, 510-516.	1.0	156
27	Use of the Land Snail Helix aspersa as Sentinel Organism for Monitoring Ecotoxicologic Effects of Urban Pollution: An Integrated Approach. Environmental Health Perspectives, 2006, 114, 63-69.	2.8	148
28	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. Chemosphere, 2011, 83, 475-485.	4.2	146
29	A comparative study of the in vitro antioxidant activity of statins. International Journal of Cardiology, 2003, 90, 317-321.	0.8	145
30	Contaminant accumulation and biomarker responses in caged mussels, Mytilus galloprovincialis, to evaluate bioavailability and toxicological effects of remobilized chemicals during dredging and disposal operations in harbour areas. Aquatic Toxicology, 2008, 89, 257-266.	1.9	140
31	An ecotoxicological protocol with caged mussels, Mytilus galloprovincialis, for monitoring the impact of an offshore platform in the Adriatic sea. Marine Environmental Research, 2008, 65, 34-49.	1.1	138
32	Identification of the Nrf2â€“Keap1 pathway in the European eel Anguilla anguilla: Role for a transcriptional regulation of antioxidant genes in aquatic organisms. Aquatic Toxicology, 2014, 150, 117-123.	1.9	135
33	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 (Mullus barbatus). Marine Pollution Bulletin, 2002, 44, 912-922.	2.3	133
34	An inÂvitro study onÂtheÂfree radical scavenging capacity ofÂergothioneine: comparison with reduced glutathione, uric acid andÂtrolox. Biomedicine and Pharmacotherapy, 2006, 60, 453-457.	2.5	129
35	DNA integrity and total oxyradical scavenging capacity in the Mediterranean mussel, Mytilus galloprovincialis: a field study in a highly eutrophicated coastal lagoon. Aquatic Toxicology, 2001, 53, 19-32.	1.9	127
36	Cellular biomarkers for monitoring estuarine environments: Transplanted versus native mussels. Aquatic Toxicology, 2006, 77, 339-347.	1.9	125

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37	Biochemical characterization of the antioxidant system in the scallop Adamussium colbecki, a sentinel organism for monitoring the Antarctic environment. Polar Biology, 1997, 17, 251-258.	0.5	116
38	Distribution and characterization of microplastic particles and textile microfibers in Adriatic food webs: General insights for biomonitoring strategies. Environmental Pollution, 2020, 258, 113766.	3.7	115
39	A multidisciplinary weight of evidence approach for classifying polluted sediments: Integrating sediment chemistry, bioavailability, biomarkers responses and bioassays. Environment International, 2012, 38, 17-28.	4.8	114
40	Oxidative stress responses in two populations of Laeonereis acuta (Polychaeta, Nereididae) after acute and chronic exposure to copper. Marine Environmental Research, 2004, 58, 1-17.	1.1	113
41	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. Chemosphere, 2008, 72, 1524-1533.	4.2	109
42	Ecotoxicological potential of non-steroidal anti-inflammatory drugs (NSAIDs) in marine organisms: Bioavailability, biomarkers and natural occurrence in Mytilus galloprovincialis. Marine Environmental Research, 2016, 121, 31-39.	1.1	107
43	Seasonal variations of exposure biomarkers, oxidative stress responses and cell damage in the clams, Tapes philippinarum, and mussels, Mytilus galloprovincialis, from Adriatic sea. Marine Environmental Research, 2008, 66, 24-26.	1.1	101
44	Indirect effects of climate changes on cadmium bioavailability and biological effects in the Mediterranean mussel Mytilus galloprovincialis. Chemosphere, 2017, 169, 493-502.	4.2	100
45	Accumulation and subcellular distribution of metals (Cu, Fe, Mn, Pb and Zn) in the Mediterranean mussel Mytilus galloprovincialis during a field transplant experiment. Marine Pollution Bulletin, 1994, 28, 592-600.	2.3	99
46	Microplastics pollution after the removal of the Costa Concordia wreck: First evidences from a biomonitoring case study. Environmental Pollution, 2017, 227, 207-214.	3.7	98
47	Oxidative and modulatory effects of trace metals on metabolism of polycyclic aromatic hydrocarbons in the Antarctic fish Trematomus bernacchii. Aquatic Toxicology, 2007, 85, 167-175.	1.9	97
48	Forearc carbon sink reduces long-term volatile recycling into the mantle. Nature, 2019, 568, 487-492.	13.7	97
49	Benthic Crustacean Digestion Can Modulate the Environmental Fate of Microplastics in the Deep Sea. Environmental Science & Technology, 2020, 54, 4886-4892.	4.6	96
50	Microplastics in the crustaceans Nephrops norvegicus and Aristeus antennatus: Flagship species for deep-sea environments?. Environmental Pollution, 2019, 255, 113107.	3.7	95
51	ARSENIC SPECIATION IN TISSUES OF THE MEDITERRANEAN POLYCHAETE SABELLA SPALLANZANII. Environmental Toxicology and Chemistry, 2004, 23, 1881.	2.2	94
52	A multidisciplinary weight of evidence approach for environmental risk assessment at the Costa Concordia wreck: Integrative indices from Mussel Watch. Marine Environmental Research, 2014, 96, 92-104.	1.1	88
53	Integrated approach to assess ecosystem health in harbor areas. Science of the Total Environment, 2015, 514, 92-107.	3.9	88
54	Total oxidant scavenging capacity (TOSC) of microsomal and cytosolic fractions from Antarctic, Arctic and Mediterranean scallops: differentiation between three potent oxidants. Aquatic Toxicology, 2000, 49, 13-25.	1.9	82

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55	Seasonal Variability of Metallothioneins, Cytochrome P450, Bile Metabolites and Oxyradical Metabolism in the European Eel Anguilla anguilla L. (Anguillidae) and Striped Mullet Mugil cephalus L. (Mugilidae). Archives of Environmental Contamination and Toxicology, 2005, 49, 62-70.	2.1	81
56	Seasonal variation of trace metal concentrations in the digestive gland of the Mediterranean mussel Mytilus galloprovincialis: Comparison between a polluted and a non-polluted site. Archives of Environmental Contamination and Toxicology, 1994, 27, 36-43.	2.1	80
57	Long-term exposure of Mytilus galloprovincialis to diclofenac, Ibuprofen and Ketoprofen: Insights into bioavailability, biomarkers and transcriptomic changes. Chemosphere, 2018, 198, 238-248.	4.2	78
58	Chemical speciation of arsenic in different marine organisms: Importance in monitoring studies. Marine Environmental Research, 2004, 58, 845-850.	1.1	76
59	Bioremediation of marine sediments contaminated by hydrocarbons: Experimental analysis and kinetic modeling. Journal of Hazardous Materials, 2010, 182, 403-407.	6.5	74
60	Effects of harmful dinoflagellate Ostreopsis cf. ovata exposure on immunological, histological and oxidative responses of mussels Mytilus galloprovincialis. Fish and Shellfish Immunology, 2013, 35, 941-950.	1.6	71
61	Characterization of arsenic content in marine organisms from temperate, tropical, and polar environments. Chemistry and Ecology, 2006, 22, 405-414.	0.6	69
62	Microplastics in real wastewater treatment schemes: Comparative assessment and relevant inhibition effects on anaerobic processes. Chemosphere, 2021, 262, 128415.	4.2	69
63	Pro-oxidant effects of extremely low frequency electromagnetic fields in the land snail Helix aspersa. Free Radical Biology and Medicine, 2005, 39, 1620-1628.	1.3	68
64	Seasonal variations of susceptibility to oxidative stress in Adamussium colbecki, a key bioindicator species for the Antarctic marine environment. Science of the Total Environment, 2002, 289, 205-211.	3.9	67
65	Effects of blood lipid lowering pharmaceuticals (bezafibrate and gemfibrozil) on immune and digestive gland functions of the bivalve mollusc, Mytilus galloprovincialis. Chemosphere, 2007, 69, 994-1002.	4.2	67
66	Transcriptional and catalytic responses of antioxidant and biotransformation pathways in mussels, Mytilus galloprovincialis, exposed to chemical mixtures. Aquatic Toxicology, 2013, 134-135, 120-127.	1.9	67
67	Heavy metals in the Antarctic scallop Adamussium colbecki. Marine Ecology - Progress Series, 1990, 67, 27-33.	0.9	67
68	Trace Metal Concentrations and Susceptibility to Oxidative Stress in the Polychaete Sabella spallanzanii (Gmelin) (Sabellidae): Potential Role of Antioxidants in Revealing Stressful Environmental Conditions in the Mediterranean. Archives of Environmental Contamination and Toxicology, 2004, 46, 353-61.	2.1	65
69	Analysis of vitellogenin gene induction as a valuable biomarker of estrogenic exposure in various Mediterranean fish species. Environmental Research, 2006, 101, 68-73.	3.7	65
70	INTERACTIONS BETWEEN METABOLISM OF TRACE METALS AND XENOBIOTIC AGONISTS OF THE ARYL HYDROCARBON RECEPTOR IN THE ANTARCTIC FISH TREMATOMUS BERNACCHII: ENVIRONMENTAL PERSPECTIVES. Environmental Toxicology and Chemistry, 2005, 24, 1475.	2.2	64
71	Induction of DNA strand breakage and apoptosis in the eel Anguilla anguilla. Marine Environmental Research, 2002, 54, 517-520.	1.1	61
72	Oxidative stress defense in human-skin-derived mesenchymal stem cells versus human keratinocytes: Different mechanisms of protection and cell selection. Free Radical Biology and Medicine, 2010, 49, 830-838.	1.3	60

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73	Applications of a new method for measuring the total oxyradical scavenging capacity in marine invertebrates. Marine Environmental Research, 1998, 46, 439-442.	1.1	59
74	Susceptibility to oxidative stress of the Mediterranean demosponge Petrosia ficiformis? : role of endosymbionts and solar irradiance. Marine Biology, 2000, 137, 453-461.	0.7	59
75	Effect of biologic therapies targeting tumour necrosis factor-Î± on cutaneous mesenchymal stem cells in psoriasis. British Journal of Dermatology, 2012, 167, 68-76.	1.4	59
76	Time-course evaluation of ROS-mediated toxicity in mussels, Mytilus galloprovincialis, during a field translocation experiment. Marine Environmental Research, 2004, 58, 609-613.	1.1	58
77	Oxidative metabolism of chemical pollutants in marine organisms: molecular and biochemical biomarkers in environmental toxicology. Annals of the New York Academy of Sciences, 2015, 1340, 8-19.	1.8	58
78	Trace Metals and Variations of Antioxidant Enzymes in Arctic Bivalve Populations. Archives of Environmental Contamination and Toxicology, 1998, 35, 594-601.	2.1	57
79	Biomarker responses and PAH uptake in Mya truncata following exposure to oil-contaminated sediment in an Arctic fjord (Svalbard). Science of the Total Environment, 2003, 308, 221-234.	3.9	56
80	Ecotoxicological and human health risk in a petrochemical district of southern Italy. Marine Environmental Research, 2008, 66, 215-217.	1.1	56
81	Antioxidant, genotoxic and lysosomal biomarkers in the freshwater bivalve (Unio pictorum) transplanted in a metal polluted river basin. Aquatic Toxicology, 2010, 100, 75-83.	1.9	56
82	Effects of different inorganic arsenic species in Cyprinus carpio (Cyprinidae) tissues after short-time exposure: Bioaccumulation, biotransformation and biological responses. Environmental Pollution, 2009, 157, 3479-3484.	3.7	55
83	Total oxyradical scavenging capacity and cell membrane stability of haemocytes of the Arctic scallop, Chlamys islandicus, following benzo(a)pyrene exposure. Marine Environmental Research, 2002, 54, 425-430.	1.1	54
84	Do microplastic contaminated seafood consumption pose a potential risk to human health?. Marine Pollution Bulletin, 2021, 171, 112769.	2.3	53
85	Title is missing!. Hydrobiologia, 1997, 355, 139-144.	1.0	51
86	Environmental hazards from natural hydrocarbons seepage: Integrated classification of risk from sediment chemistry, bioavailability and biomarkers responses in sentinel species. Environmental Pollution, 2014, 185, 116-126.	3.7	51
87	Oxidative and interactive challenge of cadmium and ocean acidification on the smooth scallop Flexopecten glaber. Aquatic Toxicology, 2018, 196, 53-60.	1.9	51
88	Environmental hazard assessment of a marine mine tailings deposit site and potential implications for deep-sea mining. Environmental Pollution, 2017, 228, 169-178.	3.7	50
89	Levels and chemical speciation of arsenic in polychaetes: a review. Marine Ecology, 2005, 26, 255-264.	0.4	48
90	Metallothioneins in Arctic Bivalves. Ecotoxicology and Environmental Safety, 1998, 41, 96-102.	2.9	47

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91	Mytilus galloprovincialis as a bioindicator of lead pollution: biological variables and cellular responses. Science of the Total Environment, 1993, 134, 1283-1292.	3.9	45
92	Identification of five partial ABC genes in the liver of the Antarctic fish Trematomus bernacchii and sensitivity of ABCB1 and ABCC2 to Cd exposure. Environmental Pollution, 2010, 158, 2746-2756.	3.7	45
93	Radical-scavenging Activity, Protective Effect Against Lipid Peroxidation and Mineral Contents of Monofloral Cuban Honeys. Plant Foods for Human Nutrition, 2012, 67, 31-38.	1.4	45
94	Subtle Effects of Biological Invasions: Cellular and Physiological Responses of Fish Eating the Exotic Pest Caulerpa racemosa. PLoS ONE, 2012, 7, e38763.	1.1	43
95	Antioxidant efficiency in early life stages of the Antarctic silverfish, Pleuragramma antarcticum: Responsiveness to pro-oxidant conditions of platelet ice and chemical exposure. Aquatic Toxicology, 2005, 75, 43-52.	1.9	42
96	Oxidative responsiveness to multiple stressors in the key Antarctic species, Adamussium colbecki: Interactions between temperature, acidification and cadmium exposure. Marine Environmental Research, 2016, 121, 20-30.	1.1	42
97	Transcriptional and cellular effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in experimentally exposed mussels, Mytilus galloprovincialis. Aquatic Toxicology, 2016, 180, 306-319.	1.9	42
98	Toxicological responses in Laeonereis acuta (annelida, polychaeta) after arsenic exposure. Environment International, 2007, 33, 559-564.	4.8	41
99	Cellular responses in the cyprinid Leuciscus cephalus from a contaminated freshwater ecosystem. Aquatic Toxicology, 2008, 89, 188-196.	1.9	41
100	Hyperaccumulation of vanadium in the Antarctic polychaete Perkinsiana littoralis as a natural chemical defense against predation. Environmental Science and Pollution Research, 2010, 17, 220-228.	2.7	41
101	Biological effects of palytoxin-like compounds from Ostreopsis cf. ovata: A multibiomarkers approach with mussels Mytilus galloprovincialis. Chemosphere, 2012, 89, 623-632.	4.2	41
102	Effects of ocean warming and acidification on accumulation and cellular responsiveness to cadmium in mussels Mytilus galloprovincialis: Importance of the seasonal status. Aquatic Toxicology, 2018, 204, 171-179.	1.9	41
103	Seasonal variability of prooxidant pressure and antioxidant adaptation to symbiosis in the Mediterranean demosponge Petrosia ficiformis. Marine Ecology - Progress Series, 2004, 275, 129-137.	0.9	41
104	Total Oxyradical Scavenging Capacity as an Index of Susceptibility to Oxidative Stress in Marine Organisms. Comments on Modern Biology Part B, Comments on Toxicology, 2003, 9, 303-322.	0.2	40
105	Could molecular effects of Caulerpa racemosa metabolites modulate the impact on fish populations of Diplodus sargus?. Marine Environmental Research, 2014, 96, 2-11.	1.1	40
106	Development of a new integrative toxicity index based on an improvement of the sea urchin embryo toxicity test. Ecotoxicology and Environmental Safety, 2016, 123, 2-7.	2.9	39
107	Are diatoms a food source for Antarctic sponges?. Chemistry and Ecology, 2004, 20, 57-64.	0.6	38
108	Interactions between trace metals (Cu, Hg, Ni, Pb) and 2,3,7,8â€tetrachlorodibenzoâ€pâ€dioxin in the antarctic fish Trematomus bernacchii: Oxidative effects on biotransformation pathway. Environmental Toxicology and Chemistry, 2009, 28, 818-825.	2.2	38

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109	Application of a Weight of Evidence Approach for Monitoring Complex Environmental Scenarios: the Case-Study of Off-Shore Platforms. Frontiers in Marine Science, 2019, 6, .	1.2	38
110	Integrated characterization and risk management of marine sediments: The case study of the industrialized Bagnoli area (Naples, Italy). Marine Environmental Research, 2020, 160, 104984.	1.1	38
111	SHORT-TERM RESPONSES TO CADMIUM EXPOSURE IN THE ESTUARINE POLYCHAETE LAEONEREIS ACUTA (POLYCHAETA, NEREIDIDAE): SUBCELLULAR DISTRIBUTION AND OXIDATIVE STRESS GENERATION. Environmental Toxicology and Chemistry, 2006, 25, 1337.	2.2	37
112	Total Oxyradical Scavenging Capacity toward Different Reactive Oxygen Species in Seminal Plasma and Sperm Cells. Clinical Chemistry and Laboratory Medicine, 2003, 41, 13-9.	1.4	36
113	Immunofluorescent detection of 8-oxo-dG and PAH bulky adducts in fish liver and mussel digestive gland. Aquatic Toxicology, 2005, 71, 335-343.	1.9	36
114	Effects of arsenic (As) exposure on the antioxidant status of gills of the zebrafish Danio rerio (Cyprinidae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 538-543.	1.3	36
115	Human pharmaceuticals in marine mussels: Evidence of sneaky environmental hazard along Italian coasts. Marine Environmental Research, 2020, 162, 105137.	1.1	36
116	Environmental pharmaceuticals and climate change: The case study of carbamazepine in M. galloprovincialis under ocean acidification scenario. Environment International, 2021, 146, 106269.	4.8	35
117	Total oxyradical scavenging capacity in mussel Mytilus sp. as a new index of biological resistance to oxidative stress. Chemosphere, 1998, 37, 2773-2783.	4.2	34
118	The role of lipoic acid in the protection against of metallic pollutant effects in the shrimp Litopenaeus vannamei (Crustacea, Decapoda). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 491-497.	0.8	34
119	Induction of cytochrome P4501A and biliary PAH metabolites in European eel Anguilla anguilla: Seasonal, dose- and time-response variability in field and laboratory conditions. Marine Environmental Research, 2004, 58, 511-515.	1.1	33
120	Bioaccumulation and biotransformation of arsenic in the Mediterranean polychaete Sabella spallanzanii experimental observations. Environmental Toxicology and Chemistry, 2007, 26, 1186-1191.	2.2	33
121	Oxidative damage to DNA: an immunohistochemical approach for detection of 7,8-dihydro-8-oxodeoxyguanosine in marine organisms. Marine Environmental Research, 2004, 58, 725-729.	1.1	32
122	Antioxidant responses in the nereidid Laeonereis acuta (Annelida, Polychaeta) after cadmium exposure. Ecotoxicology and Environmental Safety, 2008, 70, 115-120.	2.9	32
123	Biochemical responses induced by co-exposition to arsenic and titanium dioxide nanoparticles in the estuarine polychaete Laeonereis acuta. Toxicology, 2017, 376, 51-58.	2.0	32
124	Effect of tectonic processes on biosphereâ€“geosphere feedbacks across a convergent margin. Nature Geoscience, 2021, 14, 301-306.	5.4	32
125	Vitellogenin gene expression in males of the Antarctic fish Trematomus bernacchii from Terra Nova Bay (Ross Sea): A role for environmental cadmium?. Chemosphere, 2007, 66, 1270-1277.	4.2	31
126	Presence and inducibility by Î²-naphthoflavone of CYP1A1, CYP1B1 and phase II enzymes in Trematomus bernacchii, an Antarctic fish. Aquatic Toxicology, 2007, 84, 19-26.	1.9	30

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127	Seasonal and inter-annual variability of DNA integrity in mussels Mytilus galloprovincialis: A possible role for natural fluctuations of trace metal concentrations and oxidative biomarkers. Chemosphere, 2009, 77, 1551-1557.	4.2	29
128	Biological effects of mechanically and chemically dispersed oil on the Icelandic scallop (Chlamys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.9	29
129	Reversibility of trace metals effects on sea urchin embryonic development. Ecotoxicology and Environmental Safety, 2018, 148, 923-929.	2.9	29
130	Heart rate, respiration and total oxyradical scavenging capacity of the Arctic spider crab, Hyas araneus, following exposure to polycyclic aromatic compounds via sediment and injection. Aquatic Toxicology, 2002, 61, 1-13.	1.9	28
131	Plasma antioxidant activity and cutaneous microvascular endothelial function in athletes and sedentary controls. Biomedicine and Pharmacotherapy, 2004, 58, 432-436.	2.5	28
132	A thermogenic hydrocarbon seep in shallow Adriatic Sea (Italy): Gas origin, sediment contamination and benthic foraminifera. Marine and Petroleum Geology, 2014, 57, 283-293.	1.5	28
133	Levels and chemical speciation of arsenic in representative biota and sediments of a tropical mangrove wetland, India. Environmental Sciences: Processes and Impacts, 2013, 15, 773.	1.7	27
134	Can a marine pest reduce the nutritional value of Mediterranean fish flesh?. Marine Biology, 2014, 161, 1275-1283.	0.7	27
135	Biotransformation and Oxidative Stress Responses in Captive Nile Crocodile (Crocodylus niloticus) Exposed to Organic Contaminants from the Natural Environment in South Africa. PLoS ONE, 2015, 10, e0130002.	1.1	27
136	Diversity and Distribution of Prokaryotes within a Shallow-Water Pockmark Field. Frontiers in Microbiology, 2016, 7, 941.	1.5	27
137	Arsenic speciation and susceptibility to oxidative stress in the fanworm Sabella spallanzanii (Gmelin) (Annelida, Sabellidae) under naturally acidified conditions: An in situ transplant experiment in a Mediterranean CO2 vent system. Science of the Total Environment, 2016, 544, 765-773.	3.9	27
138	Fishing for Targets of Alien Metabolites: A Novel Peroxisome Proliferator-Activated Receptor (PPAR) Agonist from a Marine Pest. Marine Drugs, 2018, 16, 431.	2.2	27
139	Plasma antioxidant activity and cutaneous microvascular endothelial function in athletes and sedentary controls. Biomedicine and Pharmacotherapy, 2004, 58, 432-436.	2.5	26
140	Susceptibility to oxidative stress in AdÃ©lie and emperor penguin. Polar Biology, 2001, 24, 365-368.	0.5	25
141	Antioxidant capacity of polychaetes occurring at a natural CO2 vent system: Results of an in situ reciprocal transplant experiment. Marine Environmental Research, 2015, 112, 44-51.	1.1	23
142	Xenobiotic biotransformation, oxidative stress and obesogenic molecular biomarker responses in Tilapia guineensis from Eleyele Lake, Nigeria. Ecotoxicology and Environmental Safety, 2019, 169, 255-265.	2.9	23
143	Antioxidant efficiency and detoxification enzymes in spotted dogfish Scyliorhinus canicula. Marine Environmental Research, 2004, 58, 293-297.	1.1	22
144	Antioxidant and oxidative stress related responses in the Mediterranean land snail Cantareus apertus exposed to the carbamate pesticide Carbaryl. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 168, 20-27.	1.3	22

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145	Evaluation of coexposure to inorganic arsenic and titanium dioxide nanoparticles in the marine shrimp Litopenaeus vannamei. Environmental Science and Pollution Research, 2016, 23, 1214-1223.	2.7	22
146	Mussel Caging and the Weight of Evidence Approach in the Assessment of Chemical Contamination in Coastal Waters of Finland (Baltic Sea). Frontiers in Marine Science, 2019, 6, .	1.2	22
147	Variations of antioxidant efficiency and presence of endosymbiotic diatoms in the Antarctic porifera Haliclona dancoi. Marine Environmental Research, 2004, 58, 637-640.	1.1	21
148	Accumulation, biotransformation, and biochemical responses after exposure to arsenite and arsenate in the estuarine polychaete Laeonereis acuta (Nereididae). Environmental Science and Pollution Research, 2011, 18, 1270-1278.	2.7	21
149	Genotoxic effects of chromium onpolytene chromosomes of Chironomus riparius Meigen 1804 (Diptera, Chironomidae). Caryologia, 2001, 54, 59-71.	0.2	20
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