Ilaria Corsi

List of Publications by Year
in descending order

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154	6,894	53794 45	66911 78
papers	citations	h-index	g-index

163	163	163	6426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accumulation and Embryotoxicity of Polystyrene Nanoparticles at Early Stage of Development of Sea Urchin Embryos Paracentrotus lividus. Environmental Science & Technology, 2014, 48, 12302-12311.	10.0	509
2	Long-term toxicity of surface-charged polystyrene nanoplastics to marine planktonic species Dunaliella tertiolecta and Artemia franciscana. Aquatic Toxicology, 2017, 189, 159-169.	4.0	304
3	Evidence for immunomodulation and apoptotic processes induced by cationic polystyrene nanoparticles in the hemocytes of the marine bivalve Mytilus. Marine Environmental Research, 2015, 111, 34-40.	2.5	291
4	Nano-sized polystyrene affects feeding, behavior and physiology of brine shrimp Artemia franciscana larvae. Ecotoxicology and Environmental Safety, 2016, 123, 18-25.	6.0	280
5	Toxic effects of engineered nanoparticles in the marine environment: Model organisms and molecular approaches. Marine Environmental Research, 2012, 76, 32-40.	2.5	243
6	Oxidative stress in ecotoxicology: from the analysis of individual antioxidants to a more integrated approach. Marine Environmental Research, 2002, 54, 419-423.	2.5	239
7	Effects of nanomaterials on marine invertebrates. Science of the Total Environment, 2016, 565, 933-940.	8.0	162
8	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.	4.3	156
9	Common Strategies and Technologies for the Ecosafety Assessment and Design of Nanomaterials Entering the Marine Environment. ACS Nano, 2014, 8, 9694-9709.	14.6	149
10	Interactions of cationic polystyrene nanoparticles with marine bivalve hemocytes in a physiological environment: Role of soluble hemolymph proteins. Environmental Research, 2016, 150, 73-81.	7.5	144
11	Do plastics serve as a possible vector for the spread of antibiotic resistance? First insights from bacteria associated to a polystyrene piece from King George Island (Antarctica). International Journal of Hygiene and Environmental Health, 2019, 222, 89-100.	4.3	135
12	Interactive effects of n-TiO2 and 2,3,7,8-TCDD on the marine bivalve Mytilus galloprovincialis. Aquatic Toxicology, 2014, 153, 53-65.	4.0	130
13	Comparative ecotoxicity of polystyrene nanoparticles in natural seawater and reconstituted seawater using the rotifer Brachionus plicatilis. Ecotoxicology and Environmental Safety, 2017, 145, 557-563.	6.0	124
14	Are the primary characteristics of polystyrene nanoplastics responsible for toxicity and ad/absorption in the marine diatom Phaeodactylum tricornutum?. Environmental Pollution, 2019, 249, 610-619.	7.5	122
15	Combined effects of nanoplastics and copper on the freshwater alga Raphidocelis subcapitata. Aquatic Toxicology, 2019, 210, 179-187.	4.0	122
16	Hydrothermal carbonization of sewage sludge: A critical analysis of process severity, hydrochar properties and environmental implications. Waste Management, 2019, 93, 1-13.	7.4	120
17	Time-dependent effects of polystyrene nanoparticles in brine shrimp Artemia franciscana at physiological, biochemical and molecular levels. Science of the Total Environment, 2019, 675, 570-580.	8.0	115
18	Titanium dioxide nanoparticles modulate the toxicological response to cadmium in the gills of Mytilus galloprovincialis. Journal of Hazardous Materials, 2015, 297, 92-100.	12.4	114

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19	Amino-modified polystyrene nanoparticles affect signalling pathways of the sea urchin (Paracentrotus lividus) embryos. Nanotoxicology, 2017, 11, 201-209.	3.0	87
20	Interplay between extracellular polymeric substances (EPS) from a marine diatom and model nanoplastic through eco-corona formation. Science of the Total Environment, 2020, 725, 138457.	8.0	80
21	Silver Nanoparticles for Water Pollution Monitoring and Treatments: Ecosafety Challenge and Cellulose-Based Hybrids Solution. Polymers, 2020, 12, 1635.	4.5	77
22	Polystyrene nanoparticles affect the innate immune system of the Antarctic sea urchin Sterechinus neumayeri. Polar Biology, 2019, 42, 743-757.	1.2	69
23	Episodic records of jellyfish ingestion of plastic items reveal a novel pathway for trophic transference of marine litter. Scientific Reports, 2018, 8, 6105.	3.3	68
24	TiO2 nanoparticles in seawater: Aggregation and interactions with the green alga Dunaliella tertiolecta. Ecotoxicology and Environmental Safety, 2018, 148, 184-193.	6.0	66
25	Cationic polystyrene nanoparticle and the sea urchin immune system: biocorona formation, cell toxicity, and multixenobiotic resistance phenotype. Nanotoxicology, 2018, 12, 847-867.	3.0	64
26	Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass (Dicentrarchus labrax). Environmental Pollution, 2015, 196, 185-193.	7.5	62
27	How sea urchins face microplastics: Uptake, tissue distribution and immune system response. Environmental Pollution, 2020, 264, 114685.	7.5	62
28	Plastics everywhere: first evidence of polystyrene fragments inside the common Antarctic collembolan Cryptopygus antarcticus. Biology Letters, 2020, 16, 20200093.	2.3	61
29	Fatal attraction: Synthetic musk fragrances compromise multixenobiotic defense systems in mussels. Marine Environmental Research, 2004, 58, 215-219.	2.5	60
30	Behavior and Bio-Interactions of Anthropogenic Particles in Marine Environment for a More Realistic Ecological Risk Assessment. Frontiers in Environmental Science, 2020, 8, .	3.3	60
31	Estrogen-Like Response to p-Nonylphenol in Human First Trimester Placenta and BeWo Choriocarcinoma Cells. Toxicological Sciences, 2006, 93, 75-81.	3.1	59
32	Bifunctionalized Silver Nanoparticles as Hg2+ Plasmonic Sensor in Water: Synthesis, Characterizations, and Ecosafety. Nanomaterials, 2019, 9, 1353.	4.1	59
33	Esterase activities in the bivalve mollusc Adamussium colbecki as a biomarker for pollution monitoring in the Antarctic marine environment. Marine Pollution Bulletin, 2004, 49, 445-455.	5.0	58
34	Combined effects of n-TiO2 and 2,3,7,8-TCDD in Mytilus galloprovincialis digestive gland: A transcriptomic and immunohistochemical study. Environmental Research, 2016, 145, 135-144.	7.5	57
35	Nanoplastics affect moulting and faecal pellet sinking in Antarctic krill (Euphausia superba) juveniles. Environment International, 2020, 143, 105999.	10.0	56
36	n-TiO2 and CdCl2 co-exposure to titanium dioxide nanoparticles and cadmium: Genomic, DNA and chromosomal damage evaluation in the marine fish European sea bass (Dicentrarchus labrax). Aquatic Toxicology, 2015, 168, 72-77.	4.0	55

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37	Environmental Levels of para -Nonylphenol Are Able to Affect Cytokine Secretion in Human Placenta. Environmental Health Perspectives, 2010, 118, 427-431.	6.0	54
38	Cytochrome P450, acetylcholinesterase and gonadal histology for evaluating contaminant exposure levels in fishes from a highly eutrophic brackish ecosystem: the Orbetello Lagoon, Italy. Marine Pollution Bulletin, 2003, 46, 203-212.	5.0	52
39	Biomarker responses at different levels of biological organisation in crabs (Carcinus aestuarii) experimentally exposed to benzo(Î±)pyrene. Chemosphere, 2000, 40, 861-874.	8.2	51
40	Exposure to a nanosilver-enabled consumer product results in similar accumulation and toxicity of silver nanoparticles in the marine mussel Mytilus galloprovincialis. Aquatic Toxicology, 2019, 211, 46-56.	4.0	51
41	Fish as bioindicators of brackish ecosystem health: integrating biomarker responses and target pollutant concentrations. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2003, 26, 129-138.	0.7	48
42	DNA damage, severe organ lesions and high muscle levels of As and Hg in two benthic fish species from a chemical warfare agent dumping site in the Mediterranean Sea. Science of the Total Environment, 2010, 408, 2136-2145.	8.0	48
43	DNA adducts, benzo(a)pyrene monooxygenase activity, and lysosomal membrane stability in Mytilus galloprovincialis from different areas in Taranto coastal waters (Italy). Environmental Research, 2004, 96, 163-175.	7.5	46
44	Interaction of ABC transport proteins with toxic metals at the level of gene and transport activity in the PLHC-1 fish cell line. Chemico-Biological Interactions, 2012, 198, 9-17.	4.0	46
45	Co-exposure to titanium dioxide nanoparticles does not affect cadmium toxicity in radish seeds (Raphanus sativus). Ecotoxicology and Environmental Safety, 2018, 148, 359-366.	6.0	46
46	Eco-design of nanostructured cellulose sponges for sea-water decontamination from heavy metal ions. Journal of Cleaner Production, 2020, 246, 119009.	9.3	46
47	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.	7.5	45
48	Hepatic biotransformation genes and enzymes and PAH metabolites in bile of common sole (Solea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Pollution Bulletin, 2011, 62, 806-814.	5.0	45
49	Impact of polystyrene nanoparticles on marine diatom Skeletonema marinoi chain assemblages and consequences on their ecological role in marine ecosystems. Environmental Pollution, 2020, 262, 114268.	7.5	44
50	An integrated ecotoxicological approach to assess the effects of pollutants released by unexploded chemical ordnance dumped in the southern Adriatic (Mediterranean Sea). Marine Biology, 2006, 149, 17-23.	1.5	43
51	Environmentally Sustainable and Ecosafe Polysaccharide-Based Materials for Water Nano-Treatment: An Eco-Design Study. Materials, 2018, 11, 1228.	2.9	43
52	Differential ABCB and ABCC gene expression and efflux activities in gills and hemocytes of Mytilus galloprovincialis and their involvement in cadmium response. Marine Environmental Research, 2014, 93, 56-63.	2.5	42
53	Safety issues and sustainable development of European aquaculture: new tools for environmentally sound aquaculture. Aquaculture International, 2005, 13, 3-17.	2.2	40
54	Genomic and chromosomal damage in the marine mussel Mytilus galloprovincialis: Effects of the combined exposure to titanium dioxide nanoparticles and cadmium chloride. Marine Environmental Research, 2015, 111, 144-148.	2.5	40

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55	Eco-Friendly Î²-cyclodextrin and Linecaps Polymers for the Removal of Heavy Metals. Polymers, 2019, 11, 1658.	4.5	40
56	Transcriptional and post-transcriptional response of drug-metabolizing enzymes to PAHs contamination in red mullet (Mullus barbatus, Linnaeus, 1758): A field study. Marine Environmental Research, 2010, 70, 95-101.	2.5	37
57	Contamination and sub-lethal toxicological effects of persistent organic pollutants in the European eel (Anguilla anguilla) in the Orbetello lagoon (Tuscany, Italy). Hydrobiologia, 2005, 550, 237-249.	2.0	36
58	Eco-Interactions of Engineered Nanomaterials in the Marine Environment: Towards an Eco-Design Framework. Nanomaterials, 2021, 11, 1903.	4.1	36
59	Potential role of cholinesterases in the invasive capacity of the freshwater bivalve, Anodonta woodiana (Bivalvia: Unionacea): A comparative study with the indigenous species of the genus, Anodonta sp.. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 413-419.	2.6	32
60	Nanoparticle-Biological Interactions in a Marine Benthic Foraminifer. Scientific Reports, 2019, 9, 19441.	3.3	31
61	Concentrations of PCBs, DDTs, and TCDD Equivalents in Cyprinids of the Middle Po River, Italy. Archives of Environmental Contamination and Toxicology, 2000, 38, 209-216.	4.1	30
62	Monitoring a Marine Coastal Area: Use of Mytilus galloprovincialis and Mullus barbatus as Bioindicators. Marine Ecology, 2002, 23, 138-153.	1.1	30
63	Toxicity of nanoplastics during the embryogenesis of the ascidian Ciona robusta (Phylum Chordata). Nanotoxicology, 2020, 14, 1415-1431.	3.0	30
64	Plastic occurrence, sources, and impacts in Antarctic environment and biota. , 2022, 1, 100034.		29
65	Effect-Based Approach to Assess Nanostructured Cellulose Sponge Removal Efficacy of Zinc Ions from Seawater to Prevent Ecological Risks. Nanomaterials, 2020, 10, 1283.	4.1	28
66	Dynamic model of Lake Chozas (LeÃ³n, NW Spain)â€"Decrease in eco-exergy from clear to turbid phase due to introduction of exotic crayfish. Ecological Modelling, 2011, 222, 3002-3010.	2.5	25
67	Macro- and Microplastics in the Antarctic Environment: Ongoing Assessment and Perspectives. Environments - MDPI, 2022, 9, 93.	3.3	25
68	Proteomic profile of the hard corona of charged polystyrene nanoparticles exposed to sea urchin Paracentrotus lividus coelomic fluid highlights potential drivers of toxicity. Environmental Science: Nano, 2019, 6, 2937-2947.	4.3	24
69	Interplay Between Nanoplastics and the Immune System of the Mediterranean Sea Urchin Paracentrotus lividus. Frontiers in Marine Science, 2021, 8, .	2.5	24
70	Cholinesterases in the Antarctic scallop Adamussium colbecki: Characterization and sensitivity to pollutants. Ecotoxicology and Environmental Safety, 2009, 72, 1481-1488.	6.0	23
71	Combination effects of nano-TiO2 and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on biotransformation gene expression in the liver of European sea bass Dicentrarchus labrax. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 176-177, 71-78.	2.6	23
72	Physical interactions between marine phytoplankton and PET plastics in seawater. Chemosphere, 2020, 238, 124560.	8.2	23

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73	The Era of Nanomaterials: A Safe Solution or a Risk for Marine Environmental Pollution?. Biomolecules, 2021, 11, 441.	4.0	23
74	New insights into the structure and function of the prokaryotic communities colonizing plastic debris collected in King George Island (Antarctica): Preliminary observations from two plastic fragments. Journal of Hazardous Materials, 2021, 414, 125586.	12.4	23
75	Biomonitoring of polybrominated diphenyl ether (PBDE) pollution: A field study. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 80-86.	2.6	22
76	Environmental hazard of yperite released at sea: sublethal toxic effects on fish. Journal of Hazardous Materials, 2013, 248-249, 246-253.	12.4	22
77	The effects of stress induced by cortisol administration on the repeatability of swimming performance tests in the European sea bass (Dicentrarchus labraxL.). Marine and Freshwater Behaviour and Physiology, 2010, 43, 283-296.	0.9	21
78	Impact of Microbial Colonization of Polystyrene Microbeads on the Toxicological Responses in the Sea Urchin Paracentrotus lividus. Environmental Science & Technology, 2021, 55, 7990-8000.	10.0	21
79	Suitability of a Cellulose-Based Nanomaterial for the Remediation of Heavy Metal Contaminated Freshwaters: A Case-Study Showing the Recovery of Cadmium Induced DNA Integrity Loss, Cell Proliferation Increase, Nuclear Morphology and Chromosomal Alterations on Dreissena polymorpha. Nanomaterials, 2020, 10, 1837.	4.1	20
80	Biomonitoring Aquatic Environmental Quality in a Marine Protected Area: A Biomarker Approach. Ambio, 2007, 36, 308-315.	5.5	19
81	Phase I and II biotransformation enzymes and polycyclic aromatic hydrocarbons in the Mediterranean mussel (Mytilus galloprovincialis, Lamarck, 1819) collected in front of an oil refinery. Marine Environmental Research, 2012, 79, 29-36.	2.5	19
82	Levels of phthalates in human milk samples from central Italy. Microchemical Journal, 2013, 107, 178-181.	4.5	19
83	Ecologically based methods for promoting safer nanosilver for environmental applications. Journal of Hazardous Materials, 2022, 438, 129523.	12.4	19
84	Multi response biomarker approach in the crab Carcinus aestuarii experimentally exposed to benzo a pyrene, polychlorobiphenyls and methyl mercury. Biomarkers, 1997, 2, 311-319.	1.9	18
85	Induction of EROD activity in European eel (Anguilla anguilla) experimentally exposed to benzo[a]pyrene and Î²-naphthoflavone. Environment International, 2003, 29, 467-473.	10.0	18
86	Integrating Remote Sensing Approach with Pollution Monitoring Tools for Aquatic Ecosystem Risk Assessment and Managment: A Case Study of Lake Victoria(UGANDA). Environmental Monitoring and Assessment, 2006, 122, 275-287.	2.7	18
87	Effects of 2,4,6-trinitrotoluene (TNT) on neurosteroidogenesis in the European eel (Anguilla anguilla;) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	18
88	Particles in the oceans: Implication for a safe marine environment. Marine Environmental Research, 2015, 111, 1-4.	2.5	18
89	Ecological implications beyond the ecotoxicity of plastic debris on marine phytoplankton assemblage structure and functioning. Environmental Pollution, 2021, 290, 118101.	7.5	18
90	Cholinesterase activities in the Antarctic scallop Adamussium colbecki: Tissue expression and effect of ZnCl2 exposure. Marine Environmental Research, 2004, 58, 401-406.	2.5	17

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91	West Nile Transmission in Resident Birds in Italy. Transboundary and Emerging Diseases, 2012, 59, 421-428.	3.0	17
92	Carboxymethylcellulose hydrogels cross-linked with magnetite nanoparticles for the removal of organic and inorganic pollutants from water. Journal of Environmental Chemical Engineering, 2017, 5, 3632-3639.	6.7	17
93	Stem Cells and Innate Immunity in Aquatic Invertebrates: Bridging Two Seemingly Disparate Disciplines for New Discoveries in Biology. Frontiers in Immunology, 2021, 12, 688106.	4.8	17
94	PCB levels in European eel (Anguilla anguilla) from two coastal lagoons of the Mediterranean. Environmental Monitoring and Assessment, 2006, 117, 519-528.	2.7	15
95	Time-dependent modulation of cyp1a gene transcription and EROD activity by musk xylene in PLHC-1 and RTG-2 fish cell lines. Toxicology in Vitro, 2011, 25, 1575-1580.	2.4	15
96	EFEITO DE NANOPARTICULAS DE DIÃ“XIDO DE TITÃ‚NIO SOBRE Oreochromis niloticus: METABOLISMO DE ROTINA E ALTERAÃ‡Ã£O HISTOLÃ“GICA. Boletim Do Instituto De Pesca, 2018, 44, 365-371.	0.5	14
97	Occurrence of microfibres in wild specimens of adult sea urchin Paracentrotus lividus (Lamarck,) Tj ETQq1 1 0.784314 rgBT /Overlock	5.0	13
98	Cholinesterase activities in the adductor muscle of the Antarctic scallop Adamussium colbecki. Antarctic Science, 2006, 18, 15-22.	0.9	12
99	Under pressure: Nanoplastics as a further stressor for sub-Antarctic pteropods already tackling ocean acidification. Marine Pollution Bulletin, 2022, 174, 113176.	5.0	12
100	Resistance and re-organization of an ecosystem in response to biological invasion: Some hypotheses. Ecological Modelling, 2011, 222, 2992-3001.	2.5	11
101	Ariadna spiders as bioindicator of heavy elements contamination in the Central Namib Desert. Ecological Indicators, 2018, 95, 663-672.	6.3	11
102	Special issue plastics in polar regions. Environment International, 2021, 149, 106203.	10.0	11
103	Single and combined toxicity of amino-functionalized polystyrene nanoparticles with potassium dichromate and copper sulfate on brine shrimp Artemia franciscana larvae. Environmental Science and Pollution Research, 2021, 28, 45317-45334.	5.3	11
104	Organophosphate-resistant forms of acetylcholinesterases in two scallopsâ€”the Antarctic Adamussium colbecki and the Mediterranean Pecten jacobaeus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 145, 188-196.	1.6	10
105	First observations of histopathological effects of 2,4,6-trinitrotoluene (TNT) in gills of European eel Anguilla anguilla (Linnaeus, 1758). Cell Biology and Toxicology, 2008, 24, 621-628.	5.3	10
106	Effects of the polycyclic ketone tonalide (AHTN) on some cell viability parameters and transcription of P450 and immunoregulatory genes in rainbow trout RTG-2 cells. Toxicology in Vitro, 2011, 25, 1596-1602.	2.4	10
107	Pesticides and Polychlorinated Biphenyl Residues in Human Adipose Tissue. Bulletin of Environmental Contamination and Toxicology, 2002, 68, 72-78.	2.7	9
108	Nonylphenols in a Lagoon Environment: p -Nonylphenol and Nonylphenol Ethoxylates in Fish Tissue. Bulletin of Environmental Contamination and Toxicology, 2002, 68, 908-914.	2.7	9

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109	Induction of CYP1A and ABC transporters in European sea bass (Dicentrarchus labrax) upon 2,3,7,8-TCDD waterborne exposure. Marine Environmental Research, 2014, 99, 218-222.	2.5	9
110	Interactions of 2,4,6-trinitrotoluene (TNT) with xenobiotic biotransformation system in European eel Anguilla anguilla (Linnaeus, 1758). Ecotoxicology and Environmental Safety, 2008, 71, 798-805.	6.0	8
111	Ecotoxicological Assessment of Vlora Bay (Albania) by a Biomonitoring Study Using an Integrated Approach of Sublethal Toxicological Effects and Contaminant Levels in Bioindicator Species. Journal of Coastal Research, 2011, 270, 116-120.	0.3	8
112	Effects of 2,4,6-trinitrotoluene (TNT) on phase I and phase II biotransformation enzymes in European eel Anguilla anguilla (Linnaeus, 1758). Marine Environmental Research, 2008, 66, 9-11.	2.5	7
113	Biological invasions and their threat to ecosystems: Two ways to thermodynamic euthanasia. Ecological Modelling, 2010, 221, 882-883.	2.5	7
114	Studies on Environmental Effects of Underwater Chemical Munitions in the Southern Adriatic Sea (Mediterranean Sea). Marine Technology Society Journal, 2012, 46, 10-20.	0.4	7
115	Uptake and biological responses in land snail Cornu aspersum exposed to vaporized CdCl2. Ecotoxicology and Environmental Safety, 2018, 148, 377-383.	6.0	7
116	Aryl hydrocarbon reporter gene bioassay for screening polyhalogenated dibenzo-p-dioxins/furans and dioxin-like polychlorinated biphenyls in hydrochar and sewage sludge. Journal of Hazardous Materials, 2022, 428, 128256.	12.4	7
117	Building the Bridge From Aquatic Nanotoxicology to Safety by Design Silver Nanoparticles. Frontiers in Bioengineering and Biotechnology, 2022, 10, 836742.	4.1	7
118	PCB Muscle Content and Liver EROD Activity in the European EEL (Anguilla Anguilla) Treated with Aroclor 1254. Chemistry and Ecology, 2003, 19, 91-98.	1.6	6
119	Screening of ecotoxicological, qualitative and reproductive variables in male European sea bass Dicentrarchus labrax (L.) reared in three different fish farms: Facility location and typology. Natural Product Research, 2013, 27, 670-674.	1.8	6
120	Seasonal screening of AChE, GSH and gonad histology, in European sea bassDicentrarchus labraxL. reared in three different fish farms. Natural Product Research, 2013, 27, 950-955.	1.8	6
121	When Isolated at Full Receptivity, in Vitro Fertilized Wheat (Triticum aestivum, L.) Egg Cells Reveal [Ca2+]cyt Oscillation of Intracellular Origin. International Journal of Molecular Sciences, 2014, 15, 23766-23791.	4.1	5
122	Dioxin-like compounds bioavailability and genotoxicity assessment in the Gulf of Follonica, Tuscany (Northern Tyrrhenian Sea). Marine Pollution Bulletin, 2018, 126, 467-472.	5.0	5
123	Cellular Responses Induced by Zinc in Zebra Mussel Haemocytes. Loss of DNA Integrity as a Cellular Mechanism to Evaluate the Suitability of Nanocellulose-Based Materials in Nanoremediation. Nanomaterials, 2021, 11, 2219.	4.1	5
124	Occurrence and spatial distribution of dioxin and dioxin-like compounds in topsoil of Taranto (Apulia, Italy) by GC-MS analysis and DR-CALUXÂ® bioassay. Chemosphere, 2021, 279, 130576.	8.2	5
125	The zebrafish (Danio rerio) embryo-larval contact assay combined with biochemical biomarkers and swimming performance in sewage sludge and hydrochar hazard assessment. Environmental Pollution, 2022, 302, 119053.	7.5	5
126	The involvement of cytochrome P450 system in the fate of 2,4,6-trinitrotoluene (TNT) in European eel [Anguilla anguilla (Linnaeus, 1758)]. Biochemical Society Transactions, 2006, 34, 1228-1230.	3.4	4

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127	Erythrocytes nuclear abnormalities and leukocyte profile of the immune system of AdÃ©lie penguins (Pygoscelis adeliae) breeding at Edmonson Point, Ross Sea, Antarctica. Polar Biology, 2019, 42, 1343-1352.	1.2	4
128	Multi-model inference analysis of toxicological responses and levels of heavy metals in soft tissue of land snail Cornu aspersum caged in proximity to an industrial setting. Ecological Indicators, 2020, 117, 106688.	6.3	4
129	Suitability of Nanoparticles to Face Benzo(a)pyrene-Induced Genetic and Chromosomal Damage in M. galloprovincialis. An In Vitro Approach. Nanomaterials, 2021, 11, 1309.	4.1	4
130	Pioneer settlement of the cold-water coral Desmophyllum dianthus (Esper, 1794) on plastic. Coral Reefs, 2021, 40, 1355-1360.	2.2	4
131	Toxicological Evaluation of Organochlorine Levels on some Fish Specimens from Adriatic Sea. , 2001, , 71-76.		4
132	Preliminary investigation on cholinesterases activity inAdamussium colbeckifrom Terra Nova Bay: Field and laboratory study. Chemistry and Ecology, 2004, 20, 79-87.	1.6	3
133	Effects on CYP1A of the polycyclic musk tonalide (AHTN) in single and co-exposure with benzo(a)pyrene and 3,3â€²-4,4â€²,5-pentachlorobiphenyl in the PLHC-1 fish cell line. Chemistry and Ecology, 2011, 27, 57-65.	1.6	3
134	Occurrence of PCDD/PCDFs and PCBs in soil and comparison with CYP1A response in PLHC-1 cell line. Ecotoxicology and Environmental Safety, 2013, 94, 104-111.	6.0	3
135	A Thermodynamic Approach to Biological Invasions. International Journal of Design and Nature and Ecodynamics, 2011, 6, 10-19.	0.5	3
136	Nanoparticled Titanium Dioxide to Remediate Crude Oil Exposure. An In Vivo Approach in Dicentrarchus labrax. Toxics, 2022, 10, 111.	3.7	3
137	Remediation of acid mine drainage-affected stream waters by means of eco-friendly magnetic hydrogels crosslinked with functionalized magnetite nanoparticles. Environmental Nanotechnology, Monitoring and Management, 2019, 12, 100263.	2.9	2
138	Ecosafe nanomaterials for environmental remediation. , 2020, , 383-405.		2
139	First Attempt to Couple Proteomics with the AhR Reporter Gene Bioassay in Soil Pollution Monitoring and Assessment. Toxics, 2022, 10, 9.	3.7	2
140	Unravelling the suitability of Branchinecta gaini as a potential biomonitor of contaminants of emerging concern in the Antarctic Peninsula region. Antarctic Science, 2022, 34, 281-288.	0.9	2
141	What a picture can tell you about surviving breast cancer. Lancet Oncology, The, 2019, 20, 335.	10.7	1
142	Ecotoxicology in Marine Environments: The Protective Role of ABC Transporters in Sea Urchin Embryos and Larvae. , 2018, , .		1
143	Acute sublethal effects of 2,4,6-trinitrotoluene (TNT) on the European eelAnguilla anguilla(Linnaeus,) Tj ETQq1 1 0.784314 rgBT /Ove		1
144	The Role of Ecotoxicology in the Eco-Design of Nanomaterials for Water Remediation. , 2019, , 219-229.		1

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145	Phenotypic and Gene Expression Profiles of Embryo Development of the Ascidian Ciona robusta Exposed to Dispersants. Water (Switzerland), 2022, 14, 1539.	2.7	1
146	Mixed Function Oxidase Activity and Organochlorine Levels in Farmed Sharpsnout Seabream (Diplodus) Tj ETQq0 0 0 rgBT /Overlock 10	2.2	0
147	No significant effect of commercial and vegetarian diet on the cytochrome P450 system of farmed gilthead seabream Sparus aurata. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, S13.	1.8	0
148	Sensitivity of Phase I and III drug metabolizing enzymes in monitoring petroleum hydrocarbon contamination using red mullet (Mullus barbatus, L. 1758) as sentinel species. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, S22.	1.8	0
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