

Ilaria Corsi

List of Publications by Year in descending order

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154
papers

6,894
citations

53660

45
h-index

66788

78
g-index

163
all docs

163
docs citations

163
times ranked

6426
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation and Embryotoxicity of Polystyrene Nanoparticles at Early Stage of Development of Sea Urchin Embryos <i>Paracentrotus lividus</i> . <i>Environmental Science & Technology</i> , 2014, 48, 12302-12311.	4.6	509
2	Long-term toxicity of surface-charged polystyrene nanoplastics to marine planktonic species <i>Dunaliella tertiolecta</i> and <i>Artemia franciscana</i> . <i>Aquatic Toxicology</i> , 2017, 189, 159-169.	1.9	304
3	Evidence for immunomodulation and apoptotic processes induced by cationic polystyrene nanoparticles in the hemocytes of the marine bivalve <i>Mytilus</i> . <i>Marine Environmental Research</i> , 2015, 111, 34-40.	1.1	291
4	Nano-sized polystyrene affects feeding, behavior and physiology of brine shrimp <i>Artemia franciscana</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 18-25.	2.9	280
5	Toxic effects of engineered nanoparticles in the marine environment: Model organisms and molecular approaches. <i>Marine Environmental Research</i> , 2012, 76, 32-40.	1.1	243
6	Oxidative stress in ecotoxicology: from the analysis of individual antioxidants to a more integrated approach. <i>Marine Environmental Research</i> , 2002, 54, 419-423.	1.1	239
7	Effects of nanomaterials on marine invertebrates. <i>Science of the Total Environment</i> , 2016, 565, 933-940.	3.9	162
8	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.	2.2	156
9	Common Strategies and Technologies for the Ecosafety Assessment and Design of Nanomaterials Entering the Marine Environment. <i>ACS Nano</i> , 2014, 8, 9694-9709.	7.3	149
10	Interactions of cationic polystyrene nanoparticles with marine bivalve hemocytes in a physiological environment: Role of soluble hemolymph proteins. <i>Environmental Research</i> , 2016, 150, 73-81.	3.7	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). <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 89-100.	2.1	135
12	Interactive effects of n-TiO ₂ and 2,3,7,8-TCDD on the marine bivalve <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2014, 153, 53-65.	1.9	130
13	Comparative ecotoxicity of polystyrene nanoparticles in natural seawater and reconstituted seawater using the rotifer <i>Brachionus plicatilis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 557-563.	2.9	124
14	Are the primary characteristics of polystyrene nanoplastics responsible for toxicity and ad/absorption in the marine diatom <i>Phaeodactylum tricornutum</i> ?. <i>Environmental Pollution</i> , 2019, 249, 610-619.	3.7	122
15	Combined effects of nanoplastics and copper on the freshwater alga <i>Raphidocelis subcapitata</i> . <i>Aquatic Toxicology</i> , 2019, 210, 179-187.	1.9	122
16	Hydrothermal carbonization of sewage sludge: A critical analysis of process severity, hydrochar properties and environmental implications. <i>Waste Management</i> , 2019, 93, 1-13.	3.7	120
17	Time-dependent effects of polystyrene nanoparticles in brine shrimp <i>Artemia franciscana</i> at physiological, biochemical and molecular levels. <i>Science of the Total Environment</i> , 2019, 675, 570-580.	3.9	115
18	Titanium dioxide nanoparticles modulate the toxicological response to cadmium in the gills of <i>Mytilus galloprovincialis</i> . <i>Journal of Hazardous Materials</i> , 2015, 297, 92-100.	6.5	114

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19	Amino-modified polystyrene nanoparticles affect signalling pathways of the sea urchin (<i>Paracentrotus lividus</i>) embryos. <i>Nanotoxicology</i> , 2017, 11, 201-209.	1.6	87
20	Interplay between extracellular polymeric substances (EPS) from a marine diatom and model nanoplastic through eco-corona formation. <i>Science of the Total Environment</i> , 2020, 725, 138457.	3.9	80
21	Silver Nanoparticles for Water Pollution Monitoring and Treatments: Ecosafety Challenge and Cellulose-Based Hybrids Solution. <i>Polymers</i> , 2020, 12, 1635.	2.0	77
22	Polystyrene nanoparticles affect the innate immune system of the Antarctic sea urchin <i>Sterechinus neumayeri</i> . <i>Polar Biology</i> , 2019, 42, 743-757.	0.5	69
23	Episodic records of jellyfish ingestion of plastic items reveal a novel pathway for trophic transference of marine litter. <i>Scientific Reports</i> , 2018, 8, 6105.	1.6	68
24	TiO ₂ nanoparticles in seawater: Aggregation and interactions with the green alga <i>Dunaliella tertiolecta</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 184-193.	2.9	66
25	Cationic polystyrene nanoparticle and the sea urchin immune system: biocorona formation, cell toxicity, and multixenobiotic resistance phenotype. <i>Nanotoxicology</i> , 2018, 12, 847-867.	1.6	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 (<i>Dicentrarchus labrax</i>). <i>Environmental Pollution</i> , 2015, 196, 185-193.	3.7	62
27	How sea urchins face microplastics: Uptake, tissue distribution and immune system response. <i>Environmental Pollution</i> , 2020, 264, 114685.	3.7	62
28	Plastics everywhere: first evidence of polystyrene fragments inside the common Antarctic collembolan <i>Cryptopygus antarcticus</i> . <i>Biology Letters</i> , 2020, 16, 20200093.	1.0	61
29	Fatal attraction: Synthetic musk fragrances compromise multixenobiotic defense systems in mussels. <i>Marine Environmental Research</i> , 2004, 58, 215-219.	1.1	60
30	Behavior and Bio-Interactions of Anthropogenic Particles in Marine Environment for a More Realistic Ecological Risk Assessment. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	60
31	Estrogen-Like Response to p-Nonylphenol in Human First Trimester Placenta and BeWo Choriocarcinoma Cells. <i>Toxicological Sciences</i> , 2006, 93, 75-81.	1.4	59
32	Bifunctionalized Silver Nanoparticles as Hg ²⁺ Plasmonic Sensor in Water: Synthesis, Characterizations, and Ecosafety. <i>Nanomaterials</i> , 2019, 9, 1353.	1.9	59
33	Esterase activities in the bivalve mollusc <i>Adamussium colbecki</i> as a biomarker for pollution monitoring in the Antarctic marine environment. <i>Marine Pollution Bulletin</i> , 2004, 49, 445-455.	2.3	58
34	Combined effects of n-TiO ₂ and 2,3,7,8-TCDD in <i>Mytilus galloprovincialis</i> digestive gland: A transcriptomic and immunohistochemical study. <i>Environmental Research</i> , 2016, 145, 135-144.	3.7	57
35	Nanoplastics affect moulting and faecal pellet sinking in Antarctic krill (<i>Euphausia superba</i>) juveniles. <i>Environment International</i> , 2020, 143, 105999.	4.8	56
36	n-TiO ₂ and CdCl ₂ co-exposure to titanium dioxide nanoparticles and cadmium: Genomic, DNA and chromosomal damage evaluation in the marine fish European sea bass (<i>Dicentrarchus labrax</i>). <i>Aquatic Toxicology</i> , 2015, 168, 72-77.	1.9	55

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37	Environmental Levels of <i>p,p'</i> -Nonylphenol Are Able to Affect Cytokine Secretion in Human Placenta. <i>Environmental Health Perspectives</i> , 2010, 118, 427-431.	2.8	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. <i>Marine Pollution Bulletin</i> , 2003, 46, 203-212.	2.3	52
39	Biomarker responses at different levels of biological organisation in crabs (<i>Carcinus aestuarii</i>) experimentally exposed to benzo(a)pyrene. <i>Chemosphere</i> , 2000, 40, 861-874.	4.2	51
40	Exposure to a nanosilver-enabled consumer product results in similar accumulation and toxicity of silver nanoparticles in the marine mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2019, 211, 46-56.	1.9	51
41	Fish as bioindicators of brackish ecosystem health: integrating biomarker responses and target pollutant concentrations. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 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. <i>Science of the Total Environment</i> , 2010, 408, 2136-2145.	3.9	48
43	DNA adducts, benzo(a)pyrene monooxygenase activity, and lysosomal membrane stability in <i>Mytilus galloprovincialis</i> from different areas in Taranto coastal waters (Italy). <i>Environmental Research</i> , 2004, 96, 163-175.	3.7	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. <i>Chemico-Biological Interactions</i> , 2012, 198, 9-17.	1.7	46
45	Co-exposure to titanium dioxide nanoparticles does not affect cadmium toxicity in radish seeds (<i>Raphanus sativus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 359-366.	2.9	46
46	Eco-design of nanostructured cellulose sponges for sea-water decontamination from heavy metal ions. <i>Journal of Cleaner Production</i> , 2020, 246, 119009.	4.6	46
47	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, 2746-2756.	3.7	45
48	Hepatic biotransformation genes and enzymes and PAH metabolites in bile of common sole (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Pollution Bulletin</i> , 2011, 62, 806-814.	2.3	45
49	Impact of polystyrene nanoparticles on marine diatom <i>Skeletonema marinoi</i> chain assemblages and consequences on their ecological role in marine ecosystems. <i>Environmental Pollution</i> , 2020, 262, 114268.	3.7	44
50	An integrated ecotoxicological approach to assess the effects of pollutants released by unexploded chemical ordnance dumped in the southern Adriatic (Mediterranean Sea). <i>Marine Biology</i> , 2006, 149, 17-23.	0.7	43
51	Environmentally Sustainable and Ecosafe Polysaccharide-Based Materials for Water Nano-Treatment: An Eco-Design Study. <i>Materials</i> , 2018, 11, 1228.	1.3	43
52	Differential ABCB and ABCC gene expression and efflux activities in gills and hemocytes of <i>Mytilus galloprovincialis</i> and their involvement in cadmium response. <i>Marine Environmental Research</i> , 2014, 93, 56-63.	1.1	42
53	Safety issues and sustainable development of European aquaculture: new tools for environmentally sound aquaculture. <i>Aquaculture International</i> , 2005, 13, 3-17.	1.1	40
54	Genomic and chromosomal damage in the marine mussel <i>Mytilus galloprovincialis</i> : Effects of the combined exposure to titanium dioxide nanoparticles and cadmium chloride. <i>Marine Environmental Research</i> , 2015, 111, 144-148.	1.1	40

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55	Eco-Friendly β -cyclodextrin and Linecaps Polymers for the Removal of Heavy Metals. <i>Polymers</i> , 2019, 11, 1658.	2.0	40
56	Transcriptional and post-transcriptional response of drug-metabolizing enzymes to PAHs contamination in red mullet (<i>Mullus barbatus</i> , Linnaeus, 1758): A field study. <i>Marine Environmental Research</i> , 2010, 70, 95-101.	1.1	37
57	Contamination and sub-lethal toxicological effects of persistent organic pollutants in the European eel (<i>Anguilla anguilla</i>) in the Orbetello lagoon (Tuscany, Italy). <i>Hydrobiologia</i> , 2005, 550, 237-249.	1.0	36
58	Eco-Interactions of Engineered Nanomaterials in the Marine Environment: Towards an Eco-Design Framework. <i>Nanomaterials</i> , 2021, 11, 1903.	1.9	36
59	Potential role of cholinesterases in the invasive capacity of the freshwater bivalve, <i>Anodonta woodiana</i> (Bivalvia: Unionacea): A comparative study with the indigenous species of the genus, <i>Anodonta</i> sp.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 413-419.	1.3	32
60	Nanoparticle-Biological Interactions in a Marine Benthic Foraminifer. <i>Scientific Reports</i> , 2019, 9, 19441.	1.6	31
61	Concentrations of PCBs, DDTs, and TCDD Equivalents in Cyprinids of the Middle Po River, Italy. <i>Archives of Environmental Contamination and Toxicology</i> , 2000, 38, 209-216.	2.1	30
62	Monitoring a Marine Coastal Area: Use of <i>Mytilus galloprovincialis</i> and <i>Mullus barbatus</i> as Bioindicators. <i>Marine Ecology</i> , 2002, 23, 138-153.	0.4	30
63	Toxicity of nanoplastics during the embryogenesis of the ascidian <i>Ciona robusta</i> (Phylum Chordata). <i>Nanotoxicology</i> , 2020, 14, 1415-1431.	1.6	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. <i>Nanomaterials</i> , 2020, 10, 1283.	1.9	28
66	Dynamic model of Lake Chozas (LeÃ³n, NW Spain)â€™s Decrease in eco-exergy from clear to turbid phase due to introduction of exotic crayfish. <i>Ecological Modelling</i> , 2011, 222, 3002-3010.	1.2	25
67	Macro- and Microplastics in the Antarctic Environment: Ongoing Assessment and Perspectives. <i>Environments - MDPI</i> , 2022, 9, 93.	1.5	25
68	Proteomic profile of the hard corona of charged polystyrene nanoparticles exposed to sea urchin <i>Paracentrotus lividus</i> coelomic fluid highlights potential drivers of toxicity. <i>Environmental Science: Nano</i> , 2019, 6, 2937-2947.	2.2	24
69	Interplay Between Nanoplastics and the Immune System of the Mediterranean Sea Urchin <i>Paracentrotus lividus</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	24
70	Cholinesterases in the Antarctic scallop <i>Adamussium colbecki</i> : Characterization and sensitivity to pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1481-1488.	2.9	23
71	Combination effects of nano-TiO ₂ and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on biotransformation gene expression in the liver of European sea bass <i>Dicentrarchus labrax</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 176-177, 71-78.	1.3	23
72	Physical interactions between marine phytoplankton and PET plastics in seawater. <i>Chemosphere</i> , 2020, 238, 124560.	4.2	23

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73	The Era of Nanomaterials: A Safe Solution or a Risk for Marine Environmental Pollution?. <i>Biomolecules</i> , 2021, 11, 441.	1.8	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. <i>Journal of Hazardous Materials</i> , 2021, 414, 125586.	6.5	23
75	Biomonitoring of polybrominated diphenyl ether (PBDE) pollution: A field study. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 148, 80-86.	1.3	22
76	Environmental hazard of yperite released at sea: sublethal toxic effects on fish. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 246-253.	6.5	22
77	The effects of stress induced by cortisol administration on the repeatability of swimming performance tests in the European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Marine and Freshwater Behaviour and Physiology</i> , 2010, 43, 283-296.	0.4	21
78	Impact of Microbial Colonization of Polystyrene Microbeads on the Toxicological Responses in the Sea Urchin <i>Paracentrotus lividus</i> . <i>Environmental Science & Technology</i> , 2021, 55, 7990-8000.	4.6	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 <i>Dreissena polymorpha</i> . <i>Nanomaterials</i> , 2020, 10, 1837.	1.9	20
80	Biomonitoring Aquatic Environmental Quality in a Marine Protected Area: A Biomarker Approach. <i>Ambio</i> , 2007, 36, 308-315.	2.8	19
81	Phase I and II biotransformation enzymes and polycyclic aromatic hydrocarbons in the Mediterranean mussel (<i>Mytilus galloprovincialis</i> , Lamarck, 1819) collected in front of an oil refinery. <i>Marine Environmental Research</i> , 2012, 79, 29-36.	1.1	19
82	Levels of phthalates in human milk samples from central Italy. <i>Microchemical Journal</i> , 2013, 107, 178-181.	2.3	19
83	Ecologically based methods for promoting safer nanosilver for environmental applications. <i>Journal of Hazardous Materials</i> , 2022, 438, 129523.	6.5	19
84	Multi response biomarker approach in the crab <i>Carcinus aestuarii</i> experimentally exposed to benzo a pyrene, polychlorobiphenyls and methyl mercury. <i>Biomarkers</i> , 1997, 2, 311-319.	0.9	18
85	Induction of EROD activity in European eel (<i>Anguilla anguilla</i>) experimentally exposed to benzo[a]pyrene and 1 ² -naphthoflavone. <i>Environment International</i> , 2003, 29, 467-473.	4.8	18
86	Integrating Remote Sensing Approach with Pollution Monitoring Tools for Aquatic Ecosystem Risk Assessment and Managment: A Case Study of Lake Victoria(UGANDA). <i>Environmental Monitoring and Assessment</i> , 2006, 122, 275-287.	1.3	18
87	Effects of 2,4,6-trinitrotoluene (TNT) on neurosteroidogenesis in the European eel (<i>Anguilla anguilla</i>); <i>TJ ETQq1 1 0.784314 rgBT /Ove</i>	0.6	18
88	Particles in the oceans: Implication for a safe marine environment. <i>Marine Environmental Research</i> , 2015, 111, 1-4.	1.1	18
89	Ecological implications beyond the ecotoxicity of plastic debris on marine phytoplankton assemblage structure and functioning. <i>Environmental Pollution</i> , 2021, 290, 118101.	3.7	18
90	Cholinesterase activities in the Antarctic scallop <i>Adamussium colbecki</i> : Tissue expression and effect of ZnCl ₂ exposure. <i>Marine Environmental Research</i> , 2004, 58, 401-406.	1.1	17

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91	West Nile Transmission in Resident Birds in Italy. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 421-428.	1.3	17
92	Carboxymethylcellulose hydrogels cross-linked with magnetite nanoparticles for the removal of organic and inorganic pollutants from water. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3632-3639.	3.3	17
93	Stem Cells and Innate Immunity in Aquatic Invertebrates: Bridging Two Seemingly Disparate Disciplines for New Discoveries in Biology. <i>Frontiers in Immunology</i> , 2021, 12, 688106.	2.2	17
94	PCB levels in European eel (<i>Anguilla anguilla</i>) from two coastal lagoons of the Mediterranean. <i>Environmental Monitoring and Assessment</i> , 2006, 117, 519-528.	1.3	15
95	Time-dependent modulation of cyp1a gene transcription and EROD activity by musk xylene in PLHC-1 and RTG-2 fish cell lines. <i>Toxicology in Vitro</i> , 2011, 25, 1575-1580.	1.1	15
96	EFEITO DE NANOPARTICULAS DE DIÓXIDO DE TITÂNIO SOBRE <i>Oreochromis niloticus</i> : METABOLISMO DE ROTINA E ALTERAÇÃO HISTOLÓGICA. <i>Boletim Do Instituto De Pesca</i> , 2018, 44, 365-371.	0.5	14
97	Occurrence of microfibrils in wild specimens of adult sea urchin <i>Paracentrotus lividus</i> (Lamarck, 1799). <i>Journal of Environmental Monitoring</i> , 2013, 15, 1078-1084.	2.3	13
98	Cholinesterase activities in the adductor muscle of the Antarctic scallop <i>Adamussium colbecki</i> . <i>Antarctic Science</i> , 2006, 18, 15-22.	0.5	12
99	Under pressure: Nanoplastics as a further stressor for sub-Antarctic pteropods already tackling ocean acidification. <i>Marine Pollution Bulletin</i> , 2022, 174, 113176.	2.3	12
100	Resistance and re-organization of an ecosystem in response to biological invasion: Some hypotheses. <i>Ecological Modelling</i> , 2011, 222, 2992-3001.	1.2	11
101	Ariadna spiders as bioindicator of heavy elements contamination in the Central Namib Desert. <i>Ecological Indicators</i> , 2018, 95, 663-672.	2.6	11
102	Special issue plastics in polar regions. <i>Environment International</i> , 2021, 149, 106203.	4.8	11
103	Single and combined toxicity of amino-functionalized polystyrene nanoparticles with potassium dichromate and copper sulfate on brine shrimp <i>Artemia franciscana</i> larvae. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45317-45334.	2.7	11
104	Organophosphate-resistant forms of acetylcholinesterases in two scallops from the Antarctic <i>Adamussium colbecki</i> and the Mediterranean <i>Pecten jacobaeus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 145, 188-196.	0.7	10
105	First observations of histopathological effects of 2,4,6-trinitrotoluene (TNT) in gills of European eel <i>Anguilla anguilla</i> (Linnaeus, 1758). <i>Cell Biology and Toxicology</i> , 2008, 24, 621-628.	2.4	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. <i>Toxicology in Vitro</i> , 2011, 25, 1596-1602.	1.1	10
107	Pesticides and Polychlorinated Biphenyl Residues in Human Adipose Tissue. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 68, 72-78.	1.3	9
108	Nonylphenols in a Lagoon Environment: p-Nonylphenol and Nonylphenol Ethoxylates in Fish Tissue. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 68, 908-914.	1.3	9

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109	Induction of CYP1A and ABC transporters in European sea bass (<i>Dicentrarchus labrax</i>) upon 2,3,7,8-TCDD waterborne exposure. <i>Marine Environmental Research</i> , 2014, 99, 218-222.	1.1	9
110	Interactions of 2,4,6-trinitrotoluene (TNT) with xenobiotic biotransformation system in European eel <i>Anguilla anguilla</i> (Linnaeus, 1758). <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 798-805.	2.9	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. <i>Journal of Coastal Research</i> , 2011, 270, 116-120.	0.1	8
112	Effects of 2,4,6-trinitrotoluene (TNT) on phase I and phase II biotransformation enzymes in European eel <i>Anguilla anguilla</i> (Linnaeus, 1758). <i>Marine Environmental Research</i> , 2008, 66, 9-11.	1.1	7
113	Biological invasions and their threat to ecosystems: Two ways to thermodynamic euthanasia. <i>Ecological Modelling</i> , 2010, 221, 882-883.	1.2	7
114	Studies on Environmental Effects of Underwater Chemical Munitions in the Southern Adriatic Sea (Mediterranean Sea). <i>Marine Technology Society Journal</i> , 2012, 46, 10-20.	0.3	7
115	Uptake and biological responses in land snail <i>Cornu aspersum</i> exposed to vaporized CdCl ₂ . <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 377-383.	2.9	7
116	Aryl hydrocarbon reporter gene bioassay for screening polyhalogenated dibenzo-p-dioxins/furans and dioxin-like polychlorinated biphenyls in hydrochar and sewage sludge. <i>Journal of Hazardous Materials</i> , 2022, 428, 128256.	6.5	7
117	Building the Bridge From Aquatic Nanotoxicology to Safety by Design Silver Nanoparticles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 836742.	2.0	7
118	PCB Muscle Content and Liver EROD Activity in the European EEL (<i>Anguilla Anguilla</i>) Treated with Aroclor 1254. <i>Chemistry and Ecology</i> , 2003, 19, 91-98.	0.6	6
119	Screening of ecotoxicological, qualitative and reproductive variables in male European sea bass <i>Dicentrarchus labrax</i> (L.) reared in three different fish farms: Facility location and typology. <i>Natural Product Research</i> , 2013, 27, 670-674.	1.0	6
120	Seasonal screening of AChE, GSH and gonad histology, in European sea bass <i>Dicentrarchus labrax</i> L. reared in three different fish farms. <i>Natural Product Research</i> , 2013, 27, 950-955.	1.0	6
121	When Isolated at Full Receptivity, in Vitro Fertilized Wheat (<i>Triticum aestivum</i> , L.) Egg Cells Reveal [Ca ²⁺] _{cyt} Oscillation of Intracellular Origin. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23766-23791.	1.8	5
122	Dioxin-like compounds bioavailability and genotoxicity assessment in the Gulf of Follonica, Tuscany (Northern Tyrrhenian Sea). <i>Marine Pollution Bulletin</i> , 2018, 126, 467-472.	2.3	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. <i>Nanomaterials</i> , 2021, 11, 2219.	1.9	5
124	Occurrence and spatial distribution of dioxin and dioxin-like compounds in topsoil of Taranto (Apulia, Italy) by GC-MS analysis and DR-CALUX [®] bioassay. <i>Chemosphere</i> , 2021, 279, 130576.	4.2	5
125	The zebrafish (<i>Danio rerio</i>) embryo-larval contact assay combined with biochemical biomarkers and swimming performance in sewage sludge and hydrochar hazard assessment. <i>Environmental Pollution</i> , 2022, 302, 119053.	3.7	5
126	The involvement of cytochrome P450 system in the fate of 2,4,6-trinitrotoluene (TNT) in European eel [<i>Anguilla anguilla</i> (Linnaeus, 1758)]. <i>Biochemical Society Transactions</i> , 2006, 34, 1228-1230.	1.6	4

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143	Acute sublethal effects of 2,4,6-trinitrotoluene (TNT) on the European eel <i>Anguilla anguilla</i> (Linnaeus.) Tj ETQq1 1 0.784314 rgBT /Overdo		1
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146	Mixed Function Oxidase Activity and Organochlorine Levels in Farmed Sharpshout Seabream (<i>Diplodus</i>) Tj ETQq0 0,0 rgBT /Oyerlock 10	1.1	0
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