

Ilaria Corsi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136
papers

4,750
citations

38
h-index

65
g-index

163
ext. papers

5,812
ext. citations

5.5
avg. IF

5.83
L-index

#	Paper	IF	Citations
136	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	12.8	1
135	Plastic occurrence, sources, and impacts in Antarctic environment and biota 2022 , 100034		1
134	Building the Bridge From Aquatic Nanotoxicology to Safety by Design Silver Nanoparticles.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 836742	5.8	0
133	Occurrence of microfibrils in wild specimens of adult sea urchin <i>Paracentrotus lividus</i> (Lamarck, 1816) from a coastal area of the central Mediterranean Sea.. <i>Marine Pollution Bulletin</i> , 2022 , 176, 113448	6.7	0
132	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 , 119053	9.3	0
131	Phenotypic and Gene Expression Profiles of Embryo Development of the Ascidian <i>Ciona robusta</i> Exposed to Dispersants. <i>Water (Switzerland)</i> , 2022 , 14, 1539	3	0
130	Under pressure: Nanoplastics as a further stressor for sub-Antarctic pteropods already tackling ocean acidification. <i>Marine Pollution Bulletin</i> , 2021 , 174, 113176	6.7	1
129	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	5.1	0
128	Impact of Microbial Colonization of Polystyrene Microbeads on the Toxicological Responses in the Sea Urchin. <i>Environmental Science & Technology</i> , 2021 , 55, 7990-8000	10.3	6
127	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	8.4	2
126	Pioneer settlement of the cold-water coral <i>Desmophyllum dianthus</i> (Esper, 1794) on plastic. <i>Coral Reefs</i> , 2021 , 40, 1355-1360	4.2	0
125	Eco-Interactions of Engineered Nanomaterials in the Marine Environment: Towards an Eco-Design Framework. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
124	The Era of Nanomaterials: A Safe Solution or a Risk for Marine Environmental Pollution?. <i>Biomolecules</i> , 2021 , 11,	5.9	8
123	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	12.8	6
122	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,	5.4	2
121	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	8.4	1
120	Ecological implications beyond the ecotoxicity of plastic debris on marine phytoplankton assemblage structure and functioning. <i>Environmental Pollution</i> , 2021 , 290, 118101	9.3	1

119	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,	4.8	27
118	Plastics everywhere: first evidence of polystyrene fragments inside the common Antarctic collembolan. <i>Biology Letters</i> , 2020 , 16, 20200093	3.6	30
117	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	9.3	18
116	How sea urchins face microplastics: Uptake, tissue distribution and immune system response. <i>Environmental Pollution</i> , 2020 , 264, 114685	9.3	30
115	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	10.2	35
114	Eco-design of nanostructured cellulose sponges for sea-water decontamination from heavy metal ions. <i>Journal of Cleaner Production</i> , 2020 , 246, 119009	10.3	28
113	Multi-model inference analysis of toxicological responses and levels of heavy metals in soft tissue of land snail <i>Cornu aspersum</i> caged in proximity to an industrial setting. <i>Ecological Indicators</i> , 2020 , 117, 106688	5.8	2
112	Ecosafe nanomaterials for environmental remediation 2020 , 383-405		0
111	Effect-Based Approach to Assess Nanostructured Cellulose Sponge Removal Efficacy of Zinc Ions from Seawater to Prevent Ecological Risks. <i>Nanomaterials</i> , 2020 , 10,	5.4	11
110	Toxicity of nanoplastics during the embryogenesis of the ascidian <i>Ciona robusta</i> (Phylum Chordata). <i>Nanotoxicology</i> , 2020 , 14, 1415-1431	5.3	9
109	Silver Nanoparticles for Water Pollution Monitoring and Treatments: Ecosafety Challenge and Cellulose-Based Hybrids Solution. <i>Polymers</i> , 2020 , 12,	4.5	29
108	Nanoplastics affect moulting and faecal pellet sinking in Antarctic krill (<i>Euphausia superba</i>) juveniles. <i>Environment International</i> , 2020 , 143, 105999	12.9	23
107	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>Nanomaterials</i> , 2020 , 10,	5.4	10
106	Physical interactions between marine phytoplankton and PET plastics in seawater. <i>Chemosphere</i> , 2020 , 238, 124560	8.4	12
105	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	7.1	17
104	Bifunctionalized Silver Nanoparticles as Hg Plasmonic Sensor in Water: Synthesis, Characterizations, and Ecosafety. <i>Nanomaterials</i> , 2019 , 9,	5.4	37
103	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	10.2	53
102	Hydrothermal carbonization of sewage sludge: A critical analysis of process severity, hydrochar properties and environmental implications. <i>Waste Management</i> , 2019 , 93, 1-13	8.6	60

101	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	9.3	68
100	Polystyrene nanoparticles affect the innate immune system of the Antarctic sea urchin <i>Sterechinus neumayeri</i> . <i>Polar Biology</i> , 2019 , 42, 743-757	2	43
99	What a picture can tell you about surviving breast cancer. <i>Lancet Oncology, The</i> , 2019 , 20, 335	21.7	
98	Combined effects of nanoplastics and copper on the freshwater alga <i>Raphidocelis subcapitata</i> . <i>Aquatic Toxicology</i> , 2019 , 210, 179-187	5.1	70
97	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	5.1	35
96	Erythrocytes nuclear abnormalities and leukocyte profile of the immune system of Adlie penguins (<i>Pygoscelis adeliae</i>) breeding at Edmonson Point, Ross Sea, Antarctica. <i>Polar Biology</i> , 2019 , 42, 1343-1352	2	2
95	Eco-Friendly Cyclodextrin and Linecaps Polymers for the Removal of Heavy Metals. <i>Polymers</i> , 2019 , 11,	4.5	25
94	Remediation of acid mine drainage-affected stream waters by means of eco-friendly magnetic hydrogels crosslinked with functionalized magnetite nanoparticles. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019 , 12, 100263	3.3	2
93	The Role of Ecotoxicology in the Eco-Design of Nanomaterials for Water Remediation 2019 , 219-229		1
92	Nanoparticle-Biological Interactions in a Marine Benthic Foraminifer. <i>Scientific Reports</i> , 2019 , 9, 19441	4.9	12
91	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	6.9	84
90	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	4.9	56
89	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	6.7	5
88	Environmentally Sustainable and Ecosafe Polysaccharide-Based Materials for Water -Treatment: An Eco-Design Study. <i>Materials</i> , 2018 , 11,	3.5	33
87	Ariadna spiders as bioindicator of heavy elements contamination in the Central Namib Desert. <i>Ecological Indicators</i> , 2018 , 95, 663-672	5.8	6
86	Titanium dioxide nanoparticles alters routine metabolism and causes histopathological alterations in <i>Oreochromis niloticus</i> . <i>Boletim Do Instituto De Pesca</i> , 2018 , 44, 343-343	1.5	11
85	Uptake and biological responses in land snail <i>Cornu aspersum</i> exposed to vaporized CdCl. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 377-383	7	4
84	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	7	31

83	TiO nanoparticles in seawater: Aggregation and interactions with the green alga <i>Dunaliella tertiolecta</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 184-193	7	52
82	Cationic polystyrene nanoparticle and the sea urchin immune system: biocorona formation, cell toxicity, and multixenobiotic resistance phenotype. <i>Nanotoxicology</i> , 2018 , 12, 847-867	5.3	45
81	Amino-modified polystyrene nanoparticles affect signalling pathways of the sea urchin (<i>Paracentrotus lividus</i>) embryos. <i>Nanotoxicology</i> , 2017 , 11, 201-209	5.3	61
80	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	5.1	188
79	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	6.8	17
78	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	7	80
77	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	7.9	102
76	Effects of nanomaterials on marine invertebrates. <i>Science of the Total Environment</i> , 2016 , 565, 933-940	10.2	137
75	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	7.9	44
74	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	7	183
73	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	3.3	200
72	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	12.8	87
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, 71-8	3.2	14
70	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, 72-7	5.1	42
69	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, 144-8	3.3	30
68	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, 185-93	9.3	46
67	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, 218-22	3.3	6
66	Common strategies and technologies for the ecosafety assessment and design of nanomaterials entering the marine environment. <i>ACS Nano</i> , 2014 , 8, 9694-709	16.7	123

65	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	5.1	115
64	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, 23766-91	6.3	3
63	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, 12302-11	10.3	367
62	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	3.3	35
61	Environmental hazard of yperite released at sea: sublethal toxic effects on fish. <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 246-53	12.8	20
60	Occurrence of PCDD/PCDFs and PCBs in soil and comparison with CYP1A response in PLHC-1 cell line. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 94, 104-11	7	3
59	Levels of phthalates in human milk samples from central Italy. <i>Microchemical Journal</i> , 2013 , 107, 178-181	4.8	15
58	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, 670-4	2.3	6
57	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, 950-5	2.3	6
56	West Nile transmission in resident birds in Italy. <i>Transboundary and Emerging Diseases</i> , 2012 , 59, 421-8	4.2	14
55	Toxic effects of engineered nanoparticles in the marine environment: model organisms and molecular approaches. <i>Marine Environmental Research</i> , 2012 , 76, 32-40	3.3	195
54	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	3.3	14
53	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	5	40
52	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	0.5	6
51	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	0.6	6
50	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, 1575-80	3.6	13
49	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, 1596-602	3.6	9
48	Hepatic biotransformation genes and enzymes and PAH metabolites in bile of common sole (<i>Solea solea</i> , Linnaeus, 1758) from an oil-contaminated site in the Mediterranean Sea: a field study. <i>Marine Pollution Bulletin</i> , 2011 , 62, 806-14	6.7	44

47	Dynamic model of Lake Chozas (Leñ, NW Spain) Decrease in eco-exergy from clear to turbid phase due to introduction of exotic crayfish. <i>Ecological Modelling</i> , 2011 , 222, 3002-3010	3	20
46	Resistance and re-organization of an ecosystem in response to biological invasion: Some hypotheses. <i>Ecological Modelling</i> , 2011 , 222, 2992-3001	3	10
45	Effects on CYP1A of the polycyclic musk tonalide (AHTN) in single and co-exposure with benzo(a)pyrene and 3,3',4,4',5-pentachlorobiphenyl in the PLHC-1 fish cell line. <i>Chemistry and Ecology</i> , 2011 , 27, 57-65	2.3	3
44	A Thermodynamic Approach to Biological Invasions. <i>International Journal of Design and Nature and Ecodynamics</i> , 2011 , 6, 10-19	2.3	3
43	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	1.1	15
42	Environmental levels of para-nonylphenol are able to affect cytokine secretion in human placenta. <i>Environmental Health Perspectives</i> , 2010 , 118, 427-31	8.4	48
41	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	3.3	37
40	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, 2136-45	10.2	45
39	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
38	Biological invasions and their threat to ecosystems: Two ways to thermodynamic euthanasia. <i>Ecological Modelling</i> , 2010 , 221, 882-883	3	6
37	Cholinesterases in the Antarctic scallop <i>Adamussium colbecki</i> : characterization and sensitivity to pollutants. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1481-8	7	21
36	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	3.3	7
35	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	7	8
34	Effects of 2,4,6-trinitrotoluene (TNT) on neurosteroidogenesis in the European eel (<i>Anguilla anguilla</i> ; Linnaeus 1758). <i>Chemistry and Ecology</i> , 2008 , 24, 1-7	2.3	16
33	First observations of histopathological effects of 2,4,6-trinitrotoluene (TNT) in gills of European eel <i>Anguilla anguilla</i> (Linnaeus, 1758): histopathological effects of 2,4,6-trinitrotoluene in gills of European eel. <i>Cell Biology and Toxicology</i> , 2008 , 24, 621-8	7.4	8
32	Biomonitoring of polybrominated diphenyl ether (PBDE) pollution: a field study. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008 , 148, 80-6	3.2	17
31	Biomonitoring aquatic environmental quality in a marine protected area: a biomarker approach. <i>Ambio</i> , 2007 , 36, 308-15	6.5	17
30	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, 413-9	3.2	20

29	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	2.5	38
28	Estrogen-like response to p-nonylphenol in human first trimester placenta and BeWo choriocarcinoma cells. <i>Toxicological Sciences</i> , 2006 , 93, 75-81	4.4	50
27	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, 1228-30	5.1	4
26	Organophosphate-resistant forms of acetylcholinesterases in two scallops--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, 188-96	2.3	8
25	Cholinesterase activities in the adductor muscle of the Antarctic scallop <i>Adamussium colbecki</i> . <i>Antarctic Science</i> , 2006 , 18, 15-22	1.7	11
24	Integrating remote sensing approach with pollution monitoring tools for aquatic ecosystem risk assessment and management: a case study of Lake Victoria (Uganda). <i>Environmental Monitoring and Assessment</i> , 2006 , 122, 275-87	3.1	15
23	PCB levels in European eel (<i>Anguilla anguilla</i>) from two coastal lagoons of the Mediterranean. <i>Environmental Monitoring and Assessment</i> , 2006 , 117, 519-28	3.1	14
22	Safety issues and sustainable development of European aquaculture: new tools for environmentally sound aquaculture. <i>Aquaculture International</i> , 2005 , 13, 3-17	2.6	31
21	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	2.4	31
20	Preliminary investigation on cholinesterases activity in <i>Adamussium colbecki</i> from Terra Nova Bay: Field and laboratory study. <i>Chemistry and Ecology</i> , 2004 , 20, 79-87	2.3	3
19	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, 445-55	6.7	52
18	Mixed Function Oxidase Activity and Organochlorine Levels in Farmed Sharpnose Seabream (<i>Diplodus puntazzo</i>) from Two Intensive Aquaculture Facilities. <i>Aquaculture International</i> , 2004 , 12, 357-375	3.6	36
17	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, 163-75	7.9	44
16	Fatal attraction: synthetic musk fragrances compromise multitaxenobiotic defense systems in mussels. <i>Marine Environmental Research</i> , 2004 , 58, 215-9	3.3	49
15	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, 401-6	3.3	14
14	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	2.3	4
13	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
12	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		39

11	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, 203-12	6.7	46
10	Induction of EROD activity in European eel (<i>Anguilla anguilla</i>) experimentally exposed to benzo[a]pyrene and beta-naphthoflavone. <i>Environment International</i> , 2003 , 29, 467-73	12.9	17
9	Nonylphenols in a Lagoon environment: p-nonylphenol and nonylphenol ethoxylates in fish tissue. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002 , 68, 908-14	2.7	9
8	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	1.4	25
7	Pesticides and polychlorinated biphenyl residues in human adipose tissue. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002 , 68, 72-8	2.7	8
6	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
5	Toxicological Evaluation of Organochlorine Levels on some Fish Specimens from Adriatic Sea 2001 , 71-76		3
4	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, 209-16	3.2	23
3	Biomarker responses at different levels of biological organisation in crabs (<i>Carcinus aestuarii</i>) experimentally exposed to benzo(alpha)pyrene. <i>Chemosphere</i> , 2000 , 40, 861-74	8.4	45
2	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, 311-9	2.6	17
1	Interplay Between Nanoplastics and the Immune System of the Mediterranean Sea Urchin <i>Paracentrotus lividus</i> . <i>Frontiers in Marine Science</i> , 8,	4.5	8