

Stefania Gorbi

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

6,233
citations

109264

35
h-index

128225

60
g-index

69
all docs

69
docs citations

69
times ranked

6743
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollutants bioavailability and toxicological risk from microplastics to marine mussels. <i>Environmental Pollution</i> , 2015, 198, 211-222.	3.7	989
2	Plastics and microplastics in the oceans: From emerging pollutants to emerged threat. <i>Marine Environmental Research</i> , 2017, 128, 2-11.	1.1	815
3	Experimental development of a new protocol for extraction and characterization of microplastics in fish tissues: First observations in commercial species from Adriatic Sea. <i>Marine Environmental Research</i> , 2015, 111, 18-26.	1.1	576
4	The fate of microplastics in an Italian Wastewater Treatment Plant. <i>Science of the Total Environment</i> , 2019, 652, 602-610.	3.9	388
5	Microplastics as Vehicles of Environmental PAHs to Marine Organisms: Combined Chemical and Physical Hazards to the Mediterranean Mussels, <i>Mytilus galloprovincialis</i> . <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	248
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	Pharmaceuticals in the aquatic environments: Evidence of emerged threat and future challenges for marine organisms. <i>Marine Environmental Research</i> , 2018, 140, 41-60.	1.1	218
8	Presence of microplastics in benthic and epibenthic organisms: Influence of habitat, feeding mode and trophic level. <i>Environmental Pollution</i> , 2018, 243, 1217-1225.	3.7	195
9	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
10	Use of the Land Snail <i>Helix aspersa</i> as Sentinel Organism for Monitoring Ecotoxicologic Effects of Urban Pollution: An Integrated Approach. <i>Environmental Health Perspectives</i> , 2006, 114, 63-69.	2.8	148
11	An ecotoxicological protocol with caged mussels, <i>Mytilus galloprovincialis</i> , for monitoring the impact of an offshore platform in the Adriatic sea. <i>Marine Environmental Research</i> , 2008, 65, 34-49.	1.1	138
12	Application of biomarkers for assessing the biological impact of dredged materials in the Mediterranean: the relationship between antioxidant responses and susceptibility to oxidative stress in the red mullet (<i>Mullus barbatus</i>). <i>Marine Pollution Bulletin</i> , 2002, 44, 912-922.	2.3	133
13	DNA integrity and total oxyradical scavenging capacity in the Mediterranean mussel, <i>Mytilus galloprovincialis</i> : a field study in a highly eutrophicated coastal lagoon. <i>Aquatic Toxicology</i> , 2001, 53, 19-32.	1.9	127
14	Distribution and characterization of microplastic particles and textile microfibers in Adriatic food webs: General insights for biomonitoring strategies. <i>Environmental Pollution</i> , 2020, 258, 113766.	3.7	115
15	Ecotoxicological potential of non-steroidal anti-inflammatory drugs (NSAIDs) in marine organisms: Bioavailability, biomarkers and natural occurrence in <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2016, 121, 31-39.	1.1	107
16	Microplastics pollution after the removal of the Costa Concordia wreck: First evidences from a biomonitoring case study. <i>Environmental Pollution</i> , 2017, 227, 207-214.	3.7	98
17	A multidisciplinary weight of evidence approach for environmental risk assessment at the Costa Concordia wreck: Integrative indices from Mussel Watch. <i>Marine Environmental Research</i> , 2014, 96, 92-104.	1.1	88
18	Seasonal Variability of Metallothioneins, Cytochrome P450, Bile Metabolites and Oxyradical Metabolism in the European Eel <i>Anguilla anguilla</i> L. (Anguillidae) and Striped Mullet <i>Mugil cephalus</i> L. (Mugilidae). <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 62-70.	2.1	81

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19	Long-term exposure of <i>Mytilus galloprovincialis</i> to diclofenac, ibuprofen and Ketoprofen: Insights into bioavailability, biomarkers and transcriptomic changes. <i>Chemosphere</i> , 2018, 198, 238-248.	4.2	78
20	Effects of harmful dinoflagellate <i>Ostreopsis cf. ovata</i> exposure on immunological, histological and oxidative responses of mussels <i>Mytilus galloprovincialis</i> . <i>Fish and Shellfish Immunology</i> , 2013, 35, 941-950.	1.6	71
21	Pro-oxidant effects of extremely low frequency electromagnetic fields in the land snail <i>Helix aspersa</i> . <i>Free Radical Biology and Medicine</i> , 2005, 39, 1620-1628.	1.3	68
22	INTERACTIONS BETWEEN METABOLISM OF TRACE METALS AND XENOBIOTIC AGONISTS OF THE ARYL HYDROCARBON RECEPTOR IN THE ANTARCTIC FISH <i>TREMATOMUS BERNACCHII</i> : ENVIRONMENTAL PERSPECTIVES. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1475.	2.2	64
23	Induction of DNA strand breakage and apoptosis in the eel <i>Anguilla anguilla</i> . <i>Marine Environmental Research</i> , 2002, 54, 517-520.	1.1	61
24	Oxidative stress defense in human-skin-derived mesenchymal stem cells versus human keratinocytes: Different mechanisms of protection and cell selection. <i>Free Radical Biology and Medicine</i> , 2010, 49, 830-838.	1.3	60
25	Effect of biologic therapies targeting tumour necrosis factor- $\hat{1}\pm$ on cutaneous mesenchymal stem cells in psoriasis. <i>British Journal of Dermatology</i> , 2012, 167, 68-76.	1.4	59
26	Ecotoxicological and human health risk in a petrochemical district of southern Italy. <i>Marine Environmental Research</i> , 2008, 66, 215-217.	1.1	56
27	Environmental hazards from natural hydrocarbons seepage: Integrated classification of risk from sediment chemistry, bioavailability and biomarkers responses in sentinel species. <i>Environmental Pollution</i> , 2014, 185, 116-126.	3.7	51
28	Subtle Effects of Biological Invasions: Cellular and Physiological Responses of Fish Eating the Exotic Pest <i>Caulerpa racemosa</i> . <i>PLoS ONE</i> , 2012, 7, e38763.	1.1	43
29	Antioxidant efficiency in early life stages of the Antarctic silverfish, <i>Pleuragramma antarcticum</i> : Responsiveness to pro-oxidant conditions of platelet ice and chemical exposure. <i>Aquatic Toxicology</i> , 2005, 75, 43-52.	1.9	42
30	Transcriptional and cellular effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in experimentally exposed mussels, <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2016, 180, 306-319.	1.9	42
31	Biological effects of palytoxin-like compounds from <i>Ostreopsis cf. ovata</i> : A multibiomarkers approach with mussels <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2012, 89, 623-632.	4.2	41
32	Total Oxyradical Scavenging Capacity as an Index of Susceptibility to Oxidative Stress in Marine Organisms. <i>Comments on Modern Biology Part B, Comments on Toxicology</i> , 2003, 9, 303-322.	0.2	40
33	Could molecular effects of <i>Caulerpa racemosa</i> metabolites modulate the impact on fish populations of <i>Diplodus sargus</i> ?. <i>Marine Environmental Research</i> , 2014, 96, 2-11.	1.1	40
34	Two-year study of lipophilic marine toxin profile in mussels of the North-central Adriatic Sea: First report of azaspiracids in Mediterranean seafood. <i>Toxicon</i> , 2015, 108, 115-125.	0.8	39
35	KRIT1 Loss-Of-Function Associated with Cerebral Cavernous Malformation Disease Leads to Enhanced S-Glutathionylation of Distinct Structural and Regulatory Proteins. <i>Antioxidants</i> , 2019, 8, 27.	2.2	39
36	Application of a Weight of Evidence Approach for Monitoring Complex Environmental Scenarios: the Case-Study of Off-Shore Platforms. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	38

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37	Integrated characterization and risk management of marine sediments: The case study of the industrialized Bagnoli area (Naples, Italy). <i>Marine Environmental Research</i> , 2020, 160, 104984.	1.1	38
38	Human pharmaceuticals in marine mussels: Evidence of sneaky environmental hazard along Italian coasts. <i>Marine Environmental Research</i> , 2020, 162, 105137.	1.1	36
39	Environmental pharmaceuticals and climate change: The case study of carbamazepine in <i>M. galloprovincialis</i> under ocean acidification scenario. <i>Environment International</i> , 2021, 146, 106269.	4.8	35
40	Induction of cytochrome P4501A and biliary PAH metabolites in European eel <i>Anguilla anguilla</i> : Seasonal, dose- and time-response variability in field and laboratory conditions. <i>Marine Environmental Research</i> , 2004, 58, 511-515.	1.1	33
41	Vitellogenin gene expression in males of the Antarctic fish <i>Trematomus bernacchii</i> from Terra Nova Bay (Ross Sea): A role for environmental cadmium?. <i>Chemosphere</i> , 2007, 66, 1270-1277.	4.2	31
42	Can a marine pest reduce the nutritional value of Mediterranean fish flesh?. <i>Marine Biology</i> , 2014, 161, 1275-1283.	0.7	27
43	Fishing for Targets of Alien Metabolites: A Novel Peroxisome Proliferator-Activated Receptor (PPAR) Agonist from a Marine Pest. <i>Marine Drugs</i> , 2018, 16, 431.	2.2	27
44	Biological effects of diethylene glycol (DEG) and produced waters (PWs) released from offshore activities: A multi-biomarker approach with the sea bass <i>Dicentrarchus labrax</i> . <i>Environmental Pollution</i> , 2009, 157, 3166-3173.	3.7	25
45	Antioxidant efficiency and detoxification enzymes in spotted dogfish <i>Scyliorhinus canicula</i> . <i>Marine Environmental Research</i> , 2004, 58, 293-297.	1.1	22
46	Antioxidant and oxidative stress related responses in the Mediterranean land snail <i>Cantareus apertus</i> exposed to the carbamate pesticide Carbaryl. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 168, 20-27.	1.3	22
47	Cyclic Imines (CIs) in Mussels from North-Central Adriatic Sea: First Evidence of Gymnodimine A in Italy. <i>Toxins</i> , 2020, 12, 370.	1.5	18
48	Emerging environmental stressors and oxidative pathways in marine organisms: Current knowledge on regulation mechanisms and functional effects. <i>Biocell</i> , 2022, 46, 37-49.	0.4	18
49	Biological Effects of the Azaspiracid-Producing Dinoflagellate <i>Azadinium dexteroporum</i> in <i>Mytilus galloprovincialis</i> from the Mediterranean Sea. <i>Marine Drugs</i> , 2019, 17, 595.	2.2	15
50	Organochlorines and Polycyclic Aromatic Hydrocarbons as fingerprint of exposure pathways from marine sediments to biota. <i>Marine Pollution Bulletin</i> , 2021, 170, 112676.	2.3	14
51	Tetrodotoxins (TTXs) and <i>Vibrio alginolyticus</i> in Mussels from Central Adriatic Sea (Italy): Are They Closely Related?. <i>Marine Drugs</i> , 2021, 19, 304.	2.2	12
52	Total oxidant scavenging capacity of Antarctic, Arctic, and Mediterranean scallops. <i>Italian Journal of Zoology</i> , 2000, 67, 85-94.	0.6	11
53	Lysosomal and lipid-associated parameters in the livers of three species of arctic seabird chicks: Species differences and relationships with contaminant levels. <i>Marine Pollution Bulletin</i> , 2011, 62, 1652-1660.	2.3	11
54	Omics approaches for conservation biology research on the bivalve <i>Chamelea gallina</i> . <i>Scientific Reports</i> , 2020, 10, 19177.	1.6	9

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55	Effects of exposure to halogenated organic compounds combined with dietary restrictions on the antioxidant defense system in herring gull chicks. <i>Science of the Total Environment</i> , 2011, 409, 2717-2724.	3.9	8
56	Microplastics in seawater and marine organisms: Site-specific variations over two-year study in Giglio Island (North Tyrrhenian Sea). <i>Marine Pollution Bulletin</i> , 2022, 181, 113916.	2.3	7
57	Interactive Immunomodulation in the Mediterranean Mussel <i>Mytilus galloprovincialis</i> Under Thermal Stress and Cadmium Exposure. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
58	Application of a Multidisciplinary Weight of Evidence Approach as a Tool for Monitoring the Ecological Risk of Dredging Activities. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
59	Effects of contaminant exposure and food restriction on hepatic autophagic lysosomal parameters in Herring Gull (<i>Larus argentatus</i>) chicks. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 164, 43-50.	1.3	3
60	Precision-Cut Tissue Slices (PCTS) from the digestive gland of the Mediterranean mussel <i>Mytilus galloprovincialis</i> : An ex vivo approach for molecular and cellular responses in marine invertebrates. <i>Toxicology in Vitro</i> , 2019, 61, 104603.	1.1	3
61	New Insights for Early Warning and Countermeasures to Aquatic Pollution. , 2020, , 431-445.		1
62	Multipotential Aspects of Breast Periprosthetic Capsule Stem Cells. , 2014, , 573-585.		0
63	Extensive Characterization of Stem Cells Derived from Skin. , 2014, , 335-342.		0
64	Insights on Ecotoxicological Effects of Microplastics in Marine Ecosystems: The EPHEMARE Project. <i>Springer Water</i> , 2020, , 12-19.	0.2	0
65	Microplastics and Brominated Flame Retardants in Freshwater Fishes From Italian Lakes: Implication for Human Health. <i>Frontiers in Water</i> , 0, 4, .	1.0	0