

Chiara Gambardella

List of Publications by Year in descending order

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65
papers

1,934
citations

279798
23
h-index

254184
43
g-index

66
all docs

66
docs citations

66
times ranked

2329
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of polystyrene microbeads in marine planktonic crustaceans. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 250-257.	6.0	212
2	Ingestion and contact with polyethylene microplastics does not cause acute toxicity on marine zooplankton. <i>Journal of Hazardous Materials</i> , 2018, 360, 452-460.	12.4	155
3	Swimming speed alteration of <i>Artemia</i> sp. and <i>Brachionus plicatilis</i> as a sub-lethal behavioural end-point for ecotoxicological surveys. <i>Ecotoxicology</i> , 2010, 19, 512-519.	2.4	124
4	Ecotoxicological effects of polystyrene microbeads in a battery of marine organisms belonging to different trophic levels. <i>Marine Environmental Research</i> , 2018, 141, 313-321.	2.5	87
5	Trophic Transfer of Microplastics From Copepods to Jellyfish in the Marine Environment. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	86
6	Effects of selected metal oxide nanoparticles on <i>Artemia salina</i> larvae: evaluation of mortality and behavioural and biochemical responses. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4249-4259.	2.7	83
7	High surface adsorption properties of carbon-based nanomaterials are responsible for mortality, swimming inhibition, and biochemical responses in <i>Artemia salina</i> larvae. <i>Aquatic Toxicology</i> , 2015, 163, 121-129.	4.0	83
8	Effect of silver nanoparticles on marine organisms belonging to different trophic levels. <i>Marine Environmental Research</i> , 2015, 111, 41-49.	2.5	74
9	Developmental abnormalities and changes in cholinesterase activity in sea urchin embryos and larvae from sperm exposed to engineered nanoparticles. <i>Aquatic Toxicology</i> , 2013, 130-131, 77-85.	4.0	68
10	Chemicals sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111665.	6.0	54
11	Microplastics do not affect standard ecotoxicological endpoints in marine unicellular organisms. <i>Marine Pollution Bulletin</i> , 2019, 143, 140-143.	5.0	49
12	Effects of nano carbon black and single-layer graphene oxide on settlement, survival and swimming behaviour of <i>Amphibalanus amphitrite</i> larvae. <i>Chemistry and Ecology</i> , 2013, 29, 643-652.	1.6	46
13	Toxicity and transfer of metal oxide nanoparticles from microalgae to sea urchin larvae. <i>Chemistry and Ecology</i> , 2014, 30, 308-316.	1.6	46
14	Old model organisms and new behavioral end-points: Swimming alteration as an ecotoxicological response. <i>Marine Environmental Research</i> , 2017, 128, 36-45.	2.5	46
15	Microplastics ingestion in the ephyra stage of <i>Aurelia</i> sp. triggers acute and behavioral responses. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109983.	6.0	45
16	Global assessment of innovative solutions to tackle marine litter. <i>Nature Sustainability</i> , 2021, 4, 516-524.	23.7	41
17	Multidisciplinary screening of toxicity induced by silica nanoparticles during sea urchin development. <i>Chemosphere</i> , 2015, 139, 486-495.	8.2	39
18	Immunolocalization of Gâ€œProtein Alpha Subunits in the Olfactory System of the Cartilaginous Fish <i>Scyliorhinus Canicula</i> . <i>Anatomical Record</i> , 2009, 292, 1771-1779.	1.4	38

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19	Sperm exposure to carbon-based nanomaterials causes abnormalities in early development of purple sea urchin (<i>Paracentrotus lividus</i>). <i>Aquatic Toxicology</i> , 2015, 163, 158-166.	4.0	35
20	Review: Morphofunctional and biochemical markers of stress in sea urchin life stages exposed to engineered nanoparticles. <i>Environmental Toxicology</i> , 2016, 31, 1552-1562.	4.0	34
21	Effects of Nanosilver Exposure on Cholinesterase Activities, CD41, and CDF/LIF-Like Expression in ZebraFish (<i>Danio rerio</i>) Larvae. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	30
22	Distribution Patterns of Floating Microplastics in Open and Coastal Waters of the Eastern Mediterranean Sea (Ionian, Aegean, and Levantine Seas). <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	27
23	Exposure of <i>Paracentrotus lividus</i> male gametes to engineered nanoparticles affects skeletal bio-mineralization processes and larval plasticity. <i>Aquatic Toxicology</i> , 2015, 158, 181-191.	4.0	25
24	G protein alpha subunits in the olfactory epithelium of the holocephalan fish <i>Chimaera monstrosa</i> . <i>Neuroscience Letters</i> , 2010, 472, 65-67.	2.1	24
25	Fasting and re-feeding impact on leptin and aquaglyceroporin 9 in the liver of European sea bass (<i>Dicentrarchus labrax</i>). <i>Aquaculture</i> , 2012, 354-355, 1-6.	3.5	23
26	Effect of neurotoxic compounds on ephyrae of <i>Aurelia aurita</i> jellyfish. <i>Hydrobiologia</i> , 2015, 759, 75-84.	2.0	23
27	Temperature and salinity effects on cadmium toxicity on lethal and sublethal responses of <i>Amphibalanus amphitrite</i> nauplii. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 8-17.	6.0	23
28	Effect of cobalt and silver nanoparticles and ions on <i>Lumbricus rubellus</i> health and on microbial community of earthworm faeces and soil. <i>Applied Soil Ecology</i> , 2016, 108, 62-71.	4.3	22
29	Ecotoxicological effects of sediments from Mar Piccolo, South Italy: toxicity testing with organisms from different trophic levels. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12755-12769.	5.3	21
30	Ecosafety Screening of Photo-Fenton Process for the Degradation of Microplastics in Water. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	21
31	Cell proliferation and apoptosis in the olfactory epithelium of the shark <i>Scyliorhinus canicula</i> . <i>Journal of Chemical Neuroanatomy</i> , 2010, 40, 293-300.	2.1	20
32	Early-stage anomalies in the sea urchin (<i>Paracentrotus lividus</i>) as bioindicators of multiple stressors in the marine environment: Overview and future perspectives. <i>Environmental Pollution</i> , 2021, 287, 117608.	7.5	19
33	A short-term swimming speed alteration test with nauplii of <i>Artemia franciscana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 558-564.	6.0	17
34	Long term exposure to low dose neurotoxic pesticides affects hatching, viability and cholinesterase activity of <i>Artemia</i> sp .. <i>Aquatic Toxicology</i> , 2018, 196, 79-89.	4.0	16
35	Immunolocalization of G protein alpha subunits in the olfactory system of <i>Polypterus senegalus</i> (<i>Cladistia</i> , <i>Actinopterygii</i>). <i>Neuroscience Letters</i> , 2011, 499, 127-131.	2.1	15
36	Gross anatomy and histology of the olfactory rosette of the shark <i>Heptranchias perlo</i> . <i>Zoology</i> , 2017, 122, 27-37.	1.2	13

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37	The Compensatory Growth in Juveniles of Sea Bass. Annals of the New York Academy of Sciences, 2009, 1163, 389-393.	3.8	12
38	Neuronal nitric oxide synthase (nNOS) immunoreactivity in the olfactory system of a cartilaginous fish. Journal of Chemical Neuroanatomy, 2012, 43, 133-140.	2.1	12
39	Swimming speed alteration in the early developmental stages of <i>Paracentrotus lividus</i> sea urchin as ecotoxicological endpoint. Marine Environmental Research, 2016, 115, 11-19.	2.5	10
40	Microplastics in the Mediterranean: Variability From Observations and Model Analysis. Frontiers in Marine Science, 2022, 9, .	2.5	10
41	The Effect of Photobiomodulation on the Sea Urchin <i>Paracentrotus lividus</i> (Echinodermata) Using Higher-Fluence on Fertilization, Embryogenesis, and Larval Development: An <i>In Vitro</i> Study. Photomedicine and Laser Surgery, 2017, 35, 127-135.	2.0	9
42	A new approach to testing potential leaching toxicity of fouling release coatings (FRCs). Marine Environmental Research, 2018, 141, 305-312.	2.5	9
43	NMDA R1 receptor distribution in the cyprid of <i>Balanus amphitrite</i> (= <i>Amphibalanus amphitrite</i>) (Cirripedia, Crustacea). Neuroscience Letters, 2010, 485, 183-188.	2.1	8
44	Potential use of an ultrasound antifouling technology as a ballast water treatment system. Journal of Sea Research, 2018, 133, 115-123.	1.6	8
45	The GABAergic-like system in the cyprid of <i>Balanus amphitrite</i> (= <i>Amphibalanus amphitrite</i>) (Cirripedia,) Tj ETQq1 1 0.784314 rgBT /Overlook 10 Tf 50	2.2	8
46	First Evidence of a Leptin-Like Peptide in a Cartilaginous Fish. Anatomical Record, 2010, 293, 1692-1697.	1.4	7
47	Leptin-like immunoreactivity in the muscle of juvenile sea bass (<i>Dicentrarchus labrax</i>). Microscopy Research and Technique, 2010, 73, 797-802.	2.2	6
48	First detection of taste buds in a chimaeroid fish (Chondrichthyes: Holocephali) and their Glutamate-like immunoreactivity. Neuroscience Letters, 2012, 517, 98-101.	2.1	6
49	Nitric oxide synthase (NOS) in the cyprid of <i>Amphibalanus amphitrite</i> (Cirripedia, Crustacea). Neuroscience Letters, 2013, 555, 209-214.	2.1	6
50	Aquaporin in <i>Chondrosia reniformis</i> Nardo, 1847 and Its Possible Role in the Interaction Between Cells and Engulfed Siliceous Particles. Biological Bulletin, 2016, 230, 220-232.	1.8	6
51	First Description of a Palatal Organ in <i>Chimaera monstrosa</i> (Chondrichthyes, Holocephali). Anatomical Record, 2016, 299, 118-131.	1.4	6
52	Nanomaterial Ecotoxicology in the Terrestrial and Aquatic Environment: A Systematic Review. Toxics, 2022, 10, 393.	3.7	6
53	Effects of urea on the molecules involved in the olfactory signal transduction: a preliminary study on <i>Danio rerio</i> . Fish Physiology and Biochemistry, 2014, 40, 1793-1800.	2.3	5
54	Immunolocalisation of leptin in the digestive system of juvenile European sea bass (<i>Dicentrarchus</i>) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50	0.6	4

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55	Câ€protein alpha subunits distribution in the cyprid of <i>Balanus amphitrite</i> (= <i>Amphibalanus</i>) Tj ETQq1 1 0,784314 rgBT /Overlook	2.2	4
56	Sea urchin coelomocytes cultured on nanoporous aluminium oxide as a potential tool for marine environmental monitoring. International Journal of Environmental Science and Technology, 2020, 17, 2937-2948.	3.5	2
57	Ecotoxicological Effects of Microplastics in Marine Zooplankton. Springer Water, 2020, , 234-239.	0.3	2
58	First detection of neuropeptide Y (NPY)-like immunoreactivity in the lateral line: Presence and distribution in the neuromasts of the Antarctic notothenioid fish Trematomus bernacchii. Neuroscience Letters, 2009, 458, 37-42.	2.1	1
59	On the roles of serotonin and dopamine in the settlement of the cyprids of the barnacle Balanus amphitrite (= Amphibalanus amphitrite). Journal of Biological Research (Italy), 2011, 84, .	0.1	1
60	Effects of urea on the olfactory reception in zebrafish (Danio rerio). Journal of Biological Research (Italy), 2016, 89, .	0.1	1
61	An integrated approach to characterize deep sediment toxicity in Genoa submarine canyons (NW) Tj ETQq1 1 0.784314 rgBT /Overlook	5.3	1
62	Cold storage effects on lethal and sublethal responses of Amphibalanus amphitrite Nauplii. Ecotoxicology, 2022, 31, 1078-1086.	2.4	1
63	Presence and distribution of serotonin in the stomach of the Antarctic silverfish Pleuragramma antarcticum. Polar Biology, 2012, 35, 795-799.	1.2	0
64	In vitro approaches to environmental pollutants: New models, endpoints, and strategies. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 329-330.	1.5	0
65	Insights on Ecotoxicological Effects of Microplastics in Marine Ecosystems: The EPHEMARE Project. Springer Water, 2020, , 12-19.	0.3	0