

# Elisa Bergami

## 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.

32  
papers

1,778  
citations

18  
h-index

36  
g-index

36  
ext. papers

2,370  
ext. citations

5.9  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
32	Plastic occurrence, sources, and impacts in Antarctic environment and biota <b>2022</b> , 100034		1
31	Under pressure: Nanoplastics as a further stressor for sub-Antarctic pteropods already tackling ocean acidification. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 174, 113176	6.7	1
30	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> , <b>2021</b> , 28, 45317-45334	5.1	0
29	Pioneer settlement of the cold-water coral <i>Desmophyllum dianthus</i> (Esper, 1794) on plastic. <i>Coral Reefs</i> , <b>2021</b> , 40, 1355-1360	4.2	0
28	Eco-Interactions of Engineered Nanomaterials in the Marine Environment: Towards an Eco-Design Framework. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	7
27	Legacy and novel flame retardants from indoor dust in Antarctica: Sources and human exposure. <i>Environmental Research</i> , <b>2021</b> , 196, 110344	7.9	5
26	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> , <b>2021</b> , 414, 125586	12.8	6
25	Behavior and Bio-Interactions of Anthropogenic Particles in Marine Environment for a More Realistic Ecological Risk Assessment. <i>Frontiers in Environmental Science</i> , <b>2020</b> , 8,	4.8	27
24	Plastics everywhere: first evidence of polystyrene fragments inside the common Antarctic collembolan. <i>Biology Letters</i> , <b>2020</b> , 16, 20200093	3.6	30
23	Jellyfish as innovative bioindicator for plastic pollution. <i>Ecological Indicators</i> , <b>2020</b> , 115, 106375	5.8	14
22	Toxicity of nanoplastics during the embryogenesis of the ascidian <i>Ciona robusta</i> (Phylum Chordata). <i>Nanotoxicology</i> , <b>2020</b> , 14, 1415-1431	5.3	9
21	Nanoplastics affect moulting and faecal pellet sinking in Antarctic krill ( <i>Euphausia superba</i> ) juveniles. <i>Environment International</i> , <b>2020</b> , 143, 105999	12.9	23
20	Relative Influence of Environmental Factors on Biodiversity and Behavioural Traits of a Rare Mesopelagic Fish, <i>Trachipterus trachipterus</i> (Gmelin, 1789), in a Continental Shelf Front of the Mediterranean Sea. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 581	2.4	3
19	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> , <b>2019</b> , 6, 2937-2947	7.1	17
18	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> , <b>2019</b> , 675, 570-580	10.2	53
17	Polystyrene nanoparticles affect the innate immune system of the Antarctic sea urchin <i>Sterechinus neumayeri</i> . <i>Polar Biology</i> , <b>2019</b> , 42, 743-757	2	43
16	Combined effects of nanoplastics and copper on the freshwater alga <i>Raphidocelis subcapitata</i> . <i>Aquatic Toxicology</i> , <b>2019</b> , 210, 179-187	5.1	70

15	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> , <b>2019</b> , 211, 46-56	5.1	35
14	Nanoparticle-Biological Interactions in a Marine Benthic Foraminifer. <i>Scientific Reports</i> , <b>2019</b> , 9, 19441	4.9	12
13	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> , <b>2019</b> , 222, 89-100	6.9	84
12	Episodic records of jellyfish ingestion of plastic items reveal a novel pathway for trophic transference of marine litter. <i>Scientific Reports</i> , <b>2018</b> , 8, 6105	4.9	56
11	Titanium dioxide nanoparticles alters routine metabolism and causes histopathological alterations in <i>Oreochromis niloticus</i> . <i>Boletim Do Instituto De Pesca</i> , <b>2018</b> , 44, 343-343	1.5	11
10	Co-exposure to titanium dioxide nanoparticles does not affect cadmium toxicity in radish seeds ( <i>Raphanus sativus</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 359-366	7	31
9	Cationic polystyrene nanoparticle and the sea urchin immune system: biocorona formation, cell toxicity, and multixenobiotic resistance phenotype. <i>Nanotoxicology</i> , <b>2018</b> , 12, 847-867	5.3	45
8	Amino-modified polystyrene nanoparticles affect signalling pathways of the sea urchin ( <i>Paracentrotus lividus</i> ) embryos. <i>Nanotoxicology</i> , <b>2017</b> , 11, 201-209	5.3	61
7	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> , <b>2017</b> , 189, 159-169	5.1	188
6	Comparative ecotoxicity of polystyrene nanoparticles in natural seawater and reconstituted seawater using the rotifer <i>Brachionus plicatilis</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 145, 557-563	7.3	80
5	Interactions of cationic polystyrene nanoparticles with marine bivalve hemocytes in a physiological environment: Role of soluble hemolymph proteins. <i>Environmental Research</i> , <b>2016</b> , 150, 73-81	7.9	102
4	Nano-sized polystyrene affects feeding, behavior and physiology of brine shrimp <i>Artemia franciscana</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 123, 18-25	7	183
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> , <b>2015</b> , 111, 34-40	3.3	200
2	Accumulation and embryotoxicity of polystyrene nanoparticles at early stage of development of sea urchin embryos <i>Paracentrotus lividus</i> . <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 12302-11	10.3	367
1	Interplay Between Nanoplastics and the Immune System of the Mediterranean Sea Urchin <i>Paracentrotus lividus</i> . <i>Frontiers in Marine Science</i> , <b>2014</b> , 8,	4.5	8