

Alicia Herrera

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,080
citations

567281

15
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in marine biota: A review. <i>Marine Pollution Bulletin</i> , 2021, 169, 112540.	5.0	159
2	Organic pollutants in marine plastic debris from Canary Islands beaches. <i>Science of the Total Environment</i> , 2019, 662, 22-31.	8.0	150
3	Microplastic ingestion by Atlantic chub mackerel (<i>Scomber colias</i>) in the Canary Islands coast. <i>Marine Pollution Bulletin</i> , 2019, 139, 127-135.	5.0	103
4	Microplastic and tar pollution on three Canary Islands beaches: An annual study. <i>Marine Pollution Bulletin</i> , 2018, 129, 494-502.	5.0	98
5	Novel methodology to isolate microplastics from vegetal-rich samples. <i>Marine Pollution Bulletin</i> , 2018, 129, 61-69.	5.0	91
6	Impact of polypropylene microplastics and chemical pollutants on European sea bass (<i>Dicentrarchus labrax</i>). <i>Marine Pollution Bulletin</i> , 2018, 129, 107-114.	8.0	59
7	Deep learning approach for automatic microplastics counting and classification. <i>Science of the Total Environment</i> , 2021, 765, 142728.	8.0	52
8	Plastic pollution on eight beaches of Tenerife (Canary Islands, Spain): An annual study. <i>Marine Pollution Bulletin</i> , 2020, 151, 110847.	5.0	47
9	First evaluation of neustonic microplastics in the Macaronesian region, NE Atlantic. <i>Marine Pollution Bulletin</i> , 2020, 153, 110999.	5.0	46
10	Evidence of microplastic ingestion by cultured European sea bass (<i>Dicentrarchus labrax</i>). <i>Marine Pollution Bulletin</i> , 2021, 168, 112450.	5.0	35
11	Study of plastic pollution and its potential sources on Gran Canaria Island beaches (Canary Islands). <i>Marine Pollution Bulletin</i> , 2018, 129, 107-114.	8.0	33
12	SMACC: A System for Microplastics Automatic Counting and Classification. <i>IEEE Access</i> , 2020, 8, 25249-25261.	4.2	29
13	Bioaccumulation of additives and chemical contaminants from environmental microplastics in European seabass (<i>Dicentrarchus labrax</i>). <i>Science of the Total Environment</i> , 2022, 822, 153396.	8.0	29
14	Effect of starvation and feeding on respiratory metabolism in <i>Leptomysis lingvura</i> (G.O. Sars, 1866). <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 409, 154-159.	1.5	18
15	Microplastic ingestion in jellyfish <i>Pelagia noctiluca</i> (Forsskal, 1775) in the North Atlantic Ocean. <i>Marine Pollution Bulletin</i> , 2021, 166, 112266.	5.0	18
16	Rearing techniques and nutritional quality of two mysids from Gran Canaria (Spain). <i>Aquaculture Research</i> , 2011, 42, 677-683.	1.8	13
17	A Comprehensive First Baseline for Marine Litter Characterization in the Madeira Archipelago (NE Atlantic). <i>Marine Pollution Bulletin</i> , 2018, 129, 107-114.	2.4	13
18	Automatic Counting and Classification of Microplastic Particles. <i>Marine Pollution Bulletin</i> , 2018, 129, 107-114.		13

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19	Protein in marine plankton: A comparison of spectrophotometric methods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 526, 151357.	1.5	9
20	Potential respiration estimated by electron transport system activity in deep-sea suprabenthic crustaceans off Balearic Islands (Western Mediterranean). <i>Journal of Marine Systems</i> , 2014, 138, 104-111.	2.1	8
21	Seasonal variability of suprabenthic crustaceans associated with <i>Cymodocea nodosa</i> seagrass meadows off Gran Canaria (eastern Atlantic). <i>Continental Shelf Research</i> , 2014, 88, 1-10.	1.8	8
22	Zooplankton biomass and electron transport system activity around the Balearic Islands (western) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.1	8
23	An annual study on plastic accumulation in surface water and sediment cores from the coastline of Tenerife (Canary Island, Spain). <i>Marine Pollution Bulletin</i> , 2021, 173, 113072.	5.0	8
24	Micro and Nano-Plastics in the Environment: Research Priorities for the Near Future. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021, 257, 163-218.	1.3	8
25	First inventory of marine debris on Alegranza, an uninhabited island in the Northeast Atlantic. <i>Marine Pollution Bulletin</i> , 2022, 178, 113604.	5.0	8
26	Calculating new production from nitrate reductase activity and light in the Peru current upwelling. <i>Progress in Oceanography</i> , 2019, 173, 78-85.	3.2	6
27	Reprint of "Zooplankton biomass and electron transport system activity around the Balearic Islands (western Mediterranean)" <i>Journal of Marine Systems</i> , 2014, 138, 95-103.	2.1	4
28	Breaking Down the Plastic Age. , 2017, , 177-181.		3
29	Ingestion of polyethylene microspheres occur only in presence of prey in the jellyfish <i>Aurelia aurita</i> . <i>Marine Pollution Bulletin</i> , 2022, 175, 113269.	5.0	3
30	How far has our waste gone?. <i>Marine Pollution Bulletin</i> , 2022, 174, 113168.	5.0	1
31	Microtrophic Project. , 2017, , 69.		0
32	Improvement of Microplastic Extraction Method in Organic Material Rich Samples. , 2017, , 120.		0
33	Microplastic Ingestion by Planktivorous Fishes in the Canary Current. , 2017, , 157.		0
34	Microplastics: the invisible threat. <i>Frontiers in Marine Science</i> , 0, 6, .	2.5	0