

Simone Mirto

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,598
citations

218677

26
h-index

214800

47
g-index

51
all docs

51
docs citations

51
times ranked

2827
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecosystem-based marine spatial management: Review of concepts, policies, tools, and critical issues. <i>Ocean and Coastal Management</i> , 2011, 54, 807-820.	4.4	327
2	Microbial and Meiofaunal Response to Intensive Mussel-Farm Biodeposition in Coastal Sediments of the Western Mediterranean. <i>Marine Pollution Bulletin</i> , 2000, 40, 244-252.	5.0	153
3	Effects of fish farm waste on <i>Posidonia oceanica</i> meadows: Synthesis and provision of monitoring and management tools. <i>Marine Pollution Bulletin</i> , 2008, 56, 1618-1629.	5.0	142
4	Nematode community response to fish-farm impact in the western Mediterranean. <i>Environmental Pollution</i> , 2002, 116, 203-214.	7.5	130
5	Assessment of goods and services, vulnerability, and conservation status of European seabed biotopes: a stepping stone towards ecosystem-based marine spatial management. <i>Mediterranean Marine Science</i> , 2012, 13, 49.	1.6	126
6	Differential responses of benthic microbes and meiofauna to fish-farm disturbance in coastal sediments. <i>Environmental Pollution</i> , 2001, 112, 427-434.	7.5	124
7	Fish-farming effects on benthic community structure in coastal sediments: analysis of meiofaunal recovery. <i>ICES Journal of Marine Science</i> , 2000, 57, 1454-1461.	2.5	116
8	Impact on the water column biogeochemistry of a Mediterranean mussel and fish farm. <i>Water Research</i> , 2002, 36, 713-721.	11.3	113
9	Initial Fish-Farm Impact on Meiofaunal Assemblages in Coastal Sediments of the Western Mediterranean. <i>Marine Pollution Bulletin</i> , 1999, 38, 1126-1133.	5.0	100
10	Climate change exacerbates interspecific interactions in sympatric coastal fishes. <i>Journal of Animal Ecology</i> , 2013, 82, 468-477.	2.8	95
11	Sustainable impact of mussel farming in the Adriatic Sea (Mediterranean Sea): evidence from biochemical, microbial and meiofaunal indicators. <i>Marine Pollution Bulletin</i> , 2004, 49, 325-333.	5.0	93
12	EFFECTS OF INTENSIVE MARICULTURE ON SEDIMENT BIOCHEMISTRY. , 2007, 17, 1366-1378.		90
13	Monitoring marine populations and communities: methods dealing with imperfect detectability. <i>Aquatic Biology</i> , 2012, 16, 31-52.	1.4	76
14	Benthic input rates predict seagrass (<i>Posidonia oceanica</i>) fish farm-induced decline. <i>Marine Pollution Bulletin</i> , 2008, 56, 1332-1342.	5.0	60
15	Fish-farm impact on metazoan meiofauna in the Mediterranean Sea: Analysis of regional vs. habitat effects. <i>Marine Environmental Research</i> , 2010, 69, 38-47.	2.5	58
16	Heterotrophic bacteria community and pollution indicators of mussel farm impact in the Gulf of Gaeta (Tyrrhenian Sea). <i>Marine Environmental Research</i> , 2001, 52, 301-321.	2.5	55
17	Predicting shifting sustainability tradeoffs in marine finfish aquaculture under climate change. <i>Global Change Biology</i> , 2018, 24, 3654-3665.	9.5	53
18	Benthic microbial indicators of fish farm impact in a coastal area of the Tyrrhenian Sea. <i>Aquaculture</i> , 2004, 230, 153-167.	3.5	49

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19	Influence of artificial reefs on the surrounding infauna: analysis of meiofauna. ICES Journal of Marine Science, 2002, 59, S356-S362.	2.5	45
20	Effects of predator and shelter conditioning on hatchery-reared white seabream <i>Diplodus sargus</i> (L.,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	44
21	Meiofaunal production and energy transfer efficiency in a seagrass <i>Posidonia oceanica</i> bed in the western Mediterranean. Marine Ecology - Progress Series, 2002, 234, 95-104.	1.9	44
22	Meiofaunal colonisation on artificial substrates: a tool for biomonitoring the environmental quality on coastal marine systems. Marine Pollution Bulletin, 2004, 48, 919-926.	5.0	42
23	Meiofauna as an indicator for assessing the impact of fish farming at an exposed marine site. Ecological Indicators, 2012, 18, 468-476.	6.3	37
24	Response of Benthic Protozoa and Thraustochytrid Protists to Fish Farm Impact in Seagrass (<i>Posidonia oceanica</i>) and Soft-Bottom Sediments. Microbial Ecology, 2005, 50, 268-276.	2.8	32
25	Welfare status of cage farmed European sea bass (<i>Dicentrarchus labrax</i>): A comparison between submerged and surface cages. Aquaculture, 2011, 314, 173-181.	3.5	31
26	Rice protein concentrate as a fish meal substitute in <i>Oreochromis niloticus</i> : Effects on immune response, intestinal cytokines, <i>Aeromonas veronii</i> resistance, and gut microbiota composition. Fish and Shellfish Immunology, 2022, 126, 237-250.	3.6	28
27	Aquaculture impact on benthic microbes and organic matter cycling in coastal mediterranean sediments: A synthesis. Chemistry and Ecology, 2003, 19, 59-65.	1.6	27
28	Biostimulation of in situ microbial degradation processes in organically-enriched sediments mitigates the impact of aquaculture. Chemosphere, 2019, 226, 715-725.	8.2	25
29	The Synergistic Impacts of Anthropogenic Stressors and COVID-19 on Aquaculture: A Current Global Perspective. Reviews in Fisheries Science and Aquaculture, 2022, 30, 123-135.	9.1	24
30	Nematode assemblage response to fish-farm impact in vegetated (<i>Posidonia oceanica</i>) and non-vegetated habitats. Aquaculture Environment Interactions, 2014, 5, 17-28.	1.8	23
31	The role of two non-indigenous serpulid tube worms in shaping artificial hard substrata communities: case study of a fish farm in the central Mediterranean Sea. Aquaculture Environment Interactions, 2019, 11, 41-51.	1.8	21
32	Trophic flexibility and prey selection of the wild long-snouted seahorse <i>Hippocampus guttulatus</i> Cuvier, 1829 in three coastal habitats. Estuarine, Coastal and Shelf Science, 2019, 224, 1-10.	2.1	19
33	Moving Toward a Strategy for Addressing Climate Displacement of Marine Resources: A Proof-of-Concept. Frontiers in Marine Science, 2020, 7, .	2.5	19
34	Seasonal variations in the source of sea bottom organic matter off Catalonia coasts (western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 325-343.	1.7	16
35	Temporal Changes in Microbial Communities Beneath Fish Farm Sediments Are Related to Organic Enrichment and Fish Biomass Over a Production Cycle. Frontiers in Marine Science, 2020, 7, .	2.5	16
36	Meiofauna and benthic microbial biomass in a semi-enclosed Mediterranean Marine system (Stagnone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	15

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37	Meiofauna associated with vermetid reefs: the role of macroalgae in increasing habitat size and complexity. <i>Coral Reefs</i> , 2018, 37, 875-889.	2.2	15
38	Influence of environmental factors and biogenic habitats on intertidal meiofauna. <i>Hydrobiologia</i> , 2018, 807, 349-366.	2.0	13
39	Meiofaunal assemblages associated with scallop beds (<i>Adamussium colbecki</i>) in the coastal sediments of Terra Nova Bay (Ross Sea, Antarctica). <i>Antarctic Science</i> , 1999, 11, 415-418.	0.9	12
40	The role of juveniles in structuring demersal assemblages in trawled fishing grounds. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 133, 78-87.	2.1	12
41	Concern about the spread of the invader seaweed <i>Caulerpa taxifolia</i> var. <i>distichophylla</i> (Chlorophyta): Tj ETQq1 1 0,784314 rgBT /Overlock 12	1.6	12
42	Predictive mechanistic bioenergetics to model habitat suitability of shellfish culture in coastal lakes. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 144, 89-98.	2.1	11
43	The comparative biological effects of spatial management measures in protecting marine biodiversity: a systematic review protocol. <i>Environmental Evidence</i> , 2015, 4, .	2.7	11
44	Biochemical genetic differentiation between <i>Pomatoschistus marmoratus</i> and <i>P. tortonesei</i> . <i>Journal of Fish Biology</i> , 1999, 54, 190-195.	1.6	10
45	Comparison of growth performance and biometric relationships in two reciprocal sturgeon hybrids reared in net cages (Sicily, Mediterranean). <i>Aquaculture Research</i> , 2004, 35, 552-558.	1.8	9
46	Site fidelity of <i>Hippocampus guttulatus</i> Cuvier, 1829 at Mar Piccolo of Taranto (Southern Italy; Ionian) Tj ETQq0 0 0,784314 rgBT /Overlock 10	1.0	10
47	Case studies using nematode assemblage analysis in aquatic habitats.. , 2009, , 146-171.		9
48	Data on the diet composition of <i>Hippocampus guttulatus</i> cuvier, 1829: Different prey preferences among habitats. <i>Data in Brief</i> , 2019, 25, 104068.	1.0	2
49	Diel Feeding Features of Juveniles of Two Sparids in the Stagnone di Marsala Coastal Sound (Western) Tj ETQq1 1 0.784314 rgBT /Overlock 12		2
50	Structure and biodiversity of a Maltese maerl bed: New insight into the associated assemblage 24 years after the first investigation. <i>Regional Studies in Marine Science</i> , 2022, 52, 102262.	0.7	2