Marco Milazzo

List of Publications by Year in descending order

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95 papers	5,952 citations	81900 39 h-index	76900 74 g-index
96 all docs	96 docs citations	96 times ranked	5628 citing authors

#	Article	IF	Citations
1	Marine reserves: size and age do matter. Ecology Letters, 2008, 11, 481-489.	6.4	516
2	Trophic cascades in benthic marine ecosystems: lessons for fisheries and protected-area management. Environmental Conservation, 2000, 27, 179-200.	1.3	420
3	Italian marine reserve effectiveness: Does enforcement matter?. Biological Conservation, 2008, 141, 699-709.	4.1	280
4	Ocean acidification through the lens of ecological theory. Ecology, 2015, 96, 3-15.	3.2	237
5	Marine reserves: Fish life history and ecological traits matter. Ecological Applications, 2010, 20, 830-839.	3.8	231
6	Effect of algal architecture on associated fauna: some evidence from phytal molluscs. Marine Biology, 2002, 140, 981-990.	1.5	181
7	Ocean acidification can mediate biodiversity shifts by changing biogenic habitat. Nature Climate Change, 2017, 7, 81-85.	18.8	164
8	Five key attributes can increase marine protected areas performance for small-scale fisheries management. Scientific Reports, 2016, 6, 38135.	3.3	162
9	Local support for conservation is associated with perceptions of good governance, social impacts, and ecological effectiveness. Conservation Letters, 2019, 12, e12640.	5.7	149
10	Ocean Acidification and the Loss of Phenolic Substances in Marine Plants. PLoS ONE, 2012, 7, e35107.	2.5	148
11	Effectiveness of European Atlanto-Mediterranean MPAs: Do they accomplish the expected effects on populations, communities and ecosystems?. Journal for Nature Conservation, 2008, 16, 193-221.	1.8	143
12	Mediterranean Bioconstructions Along the Italian Coast. Advances in Marine Biology, 2018, 79, 61-136.	1.4	142
13	Living in a high CO₂ world: a global metaâ€analysis shows multiple traitâ€mediated fish responses to ocean acidification. Ecological Monographs, 2018, 88, 320-335.	5.4	137
14	Distribution of sea urchins living near shallow water CO2 vents is dependent upon species acidâ€“base and ion-regulatory abilities. Marine Pollution Bulletin, 2013, 73, 470-484.	5.0	133
15	Inorganic carbon physiology underpins macroalgal responses to elevated CO2. Scientific Reports, 2017, 7, 46297.	3.3	119
16	The Impact of Human Recreational Activities in Marine Protected Areas: What Lessons Should Be Learnt in the Mediterranean Sea?. Marine Ecology, 2002, 23, 280-290.	1.1	115
17	Boat anchoring on Posidonia oceanica beds in a marine protected area (Italy, western Mediterranean): effect of anchor types in different anchoring stages. Journal of Experimental Marine Biology and Ecology, 2004, 299, 51-62.	1.5	115
18	Responses of marine benthic microalgae to elevated CO2. Marine Biology, 2013, 160, 1813-1824.	1.5	107

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19	Geochemical survey of Levante Bay, Vulcano Island (Italy), a natural laboratory for the study of ocean acidification. Marine Pollution Bulletin, 2013, 73, 485-494.	5.0	106
20	Evaluating the ecological effects of Mediterranean marine protected areas: habitat, scale and the natural variability of ecosystems. Environmental Conservation, 2000, 27, 159-178.	1.3	97
21	Climate change exacerbates interspecific interactions in sympatric coastal fishes. Journal of Animal Ecology, 2013, 82, 468-477.	2.8	95
22	Ocean acidification impairs vermetid reef recruitment. Scientific Reports, 2014, 4, 4189.	3.3	90
23	Ocean acidification drives community shifts towards simplified non-calcified habitats in a subtropicalâ"temperate transition zone. Scientific Reports, 2018, 8, 11354.	3.3	87
24	Physiological advantages of dwarfing in surviving extinctions in high-CO2 oceans. Nature Climate Change, 2015, 5, 678-682.	18.8	85
25	Predicting future thermal habitat suitability of competing native and invasive fish species: from metabolic scope to oceanographic modelling. , 2015, 3, cou059.		81
26	Macroalgal responses to ocean acidification depend on nutrient and light levels. Frontiers in Marine Science, 2015, 2, .	2.5	77
27	Use of stable isotopes to investigate dispersal of waste from fish farms as a function of hydrodynamics. Marine Ecology - Progress Series, 2006, 313, 261-270.	1.9	65
28	Patterns of algal recovery and small-scale effects of canopy removal as a result of human trampling on a Mediterranean rocky shallow community. Biological Conservation, 2004, 117, 191-202.	4.1	62
29	Scuba diver behaviour and its effects on the biota of a Mediterranean marine protected area. Environmental Conservation, 2009, 36, 32.	1.3	62
30	Diel variability in counts of reef fishes and its implications for monitoring. Journal of Experimental Marine Biology and Ecology, 2006, 331, 108-120.	1.5	60
31	Shallow Water Marine Sediment Bacterial Community Shifts Along a Natural CO2 Gradient in the Mediterranean Sea Off Vulcano, Italy. Microbial Ecology, 2014, 67, 819-828.	2.8	59
32	Recreational fish feeding affects coastal fish behavior and increases frequency of predation on damselfish Chromis chromis nests. Marine Ecology - Progress Series, 2006, 310, 165-172.	1.9	56
33	Environmental DNA effectively captures functional diversity of coastal fish communities. Molecular Ecology, 2021, 30, 3127-3139.	3.9	51
34	Do small marinas drive habitat specific impacts? A case study from Mediterranean Sea. Marine Pollution Bulletin, 2011, 62, 926-933.	5.0	48
35	Effects of fish feeding by snorkellers on the density and size distribution of fishes in a Mediterranean marine protected area. Marine Biology, 2005, 146, 1213-1222.	1.5	47
36	Effects of ocean acidification on the shells of four Mediterranean gastropod species near a CO2 seep. Marine Pollution Bulletin, 2017, 124, 917-928.	5.0	47

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37	Calcification is not the Achillesâ€™ heel of coldâ€water corals in an acidifying ocean. Global Change Biology, 2015, 21, 2238-2248.	9.5	46
38	The impact of ocean acidification and warming on the skeletal mechanical properties of the sea urchin Paracentrotus lividus from laboratory and field observations. ICES Journal of Marine Science, 2016, 73, 727-738.	2.5	46
39	Short-term response of the slow growing seagrass Posidonia oceanica to simulated anchor impact. Marine Environmental Research, 2007, 63, 341-349.	2.5	44
40	Short-term effect of human trampling on the upper infralittoral macroalgae of Ustica Island MPA (western Mediterranean, Italy). Journal of the Marine Biological Association of the United Kingdom, 2002, 82, 745-748.	0.8	43
41	Intertidal epilithic bacteria diversity changes along a naturally occurring carbon dioxide and pH gradient. FEMS Microbiology Ecology, 2014, 89, 670-678.	2.7	41
42	Improving marine protected area governance through collaboration and co-production. Journal of Environmental Management, 2020, 269, 110757.	7.8	41
43	Social equity and marine protected areas: Perceptions of small-scale fishermen in the Mediterranean Sea. Biological Conservation, 2020, 244, 108531.	4.1	39
44	Natural acidification changes the timing and rate of succession, alters community structure, and increases homogeneity in marine biofouling communities. Global Change Biology, 2018, 24, e112-e127.	9.5	37
45	Molluscan assemblages associated with photophilic algae in the Marine Reserve of Ustica Island (Lower Tyrrhenian Sea, Italy). Italian Journal of Zoology, 2000, 67, 287-295.	0.6	36
46	Ocean acidification affects fish spawning but not paternity at CO ₂ seeps. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161021.	2.6	36
47	Using natural analogues to investigate the effects of climate change and ocean acidification on Northern ecosystems. ICES Journal of Marine Science, 2018, 75, 2299-2311.	2.5	34
48	Seaweed fails to prevent ocean acidification impact on foraminifera along a shallowâ€water <scp>CO</scp>₂ gradient. Ecology and Evolution, 2015, 5, 1784-1793.	1.9	32
49	Individual and population-level responses to ocean acidification. Scientific Reports, 2016, 6, 20194.	3.3	31
50	Volcanic CO2 seep geochemistry and use in understanding ocean acidification. Biogeochemistry, 2021, 152, 93-115.	3.5	31
51	Decline in Coccolithophore Diversity and Impact on Coccolith Morphogenesis Along a Natural CO₂ Gradient. Biological Bulletin, 2014, 226, 282-290.	1.8	30
52	Changes in fish communities due to benthic habitat shifts under ocean acidification conditions. Science of the Total Environment, 2020, 725, 138501.	8.0	30
53	Marine Microphytobenthic Assemblage Shift along a Natural Shallow-Water CO2 Gradient Subjected to Multiple Environmental Stressors. Journal of Marine Science and Engineering, 2015, 3, 1425-1447.	2.6	27
54	Comparison of the fish assemblages associated with Posidonia oceanica after the partial loss and consequent fragmentation of the meadow. Estuarine, Coastal and Shelf Science, 2005, 65, 645-653.	2.1	25

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55	Simplification, not â€œtropicalizationâ€, of temperate marine ecosystems under ocean warming and acidification. Global Change Biology, 2021, 27, 4771-4784.	9.5	24
56	Temporal fluctuations in seawater pCO2 may be as important as mean differences when determining physiological sensitivity in natural systems. ICES Journal of Marine Science, 2016, 73, 604-612.	2.5	23
57	Major loss of coralline algal diversity in response to ocean acidification. Global Change Biology, 2021, 27, 4785-4798.	9.5	22
58	Ocean acidification does not impair predator recognition but increases juvenile growth in a temperate wrasse off CO2 seeps. Marine Environmental Research, 2017, 132, 33-40.	2.5	21
59	Environmental sensitivity of Neogoniolithon brassica-florida associated with vermetid reefs in the Mediterranean Sea. ICES Journal of Marine Science, 2017, 74, 1074-1082.	2.5	21
60	Biogenic habitat shifts under long-term ocean acidification show nonlinear community responses and unbalanced functions of associated invertebrates. Science of the Total Environment, 2019, 667, 41-48.	8.0	20
61	Mediterranean rocky reefs in the Anthropocene: Present status and future concerns. Advances in Marine Biology, 2021, 89, 1-51.	1.4	20
62	On the occurrence of the silverstripe blaasop Lagocephalus sceleratus (Gmelin, 1789) along the Libyan coast. BioInvasions Records, 2012, 1, 125-127.	1.1	19
63	Developing a scuba trail vulnerability index (STVI): a case study from a Mediterranean MPA. Biodiversity and Conservation, 2009, 18, 1201-1217.	2.6	18
64	Can recreational scuba divers alter natural gross sedimentation rate? A case study from a Mediterranean deep cave. ICES Journal of Marine Science, 2010, 67, 871-874.	2.5	17
65	Abundance patterns at the invasion front: the case of Siganus luridus in Linosa (Strait of Sicily,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	17
66	Ocean acidification affects somatic and otolith growth relationship in fish: evidence from an in situ study. Biology Letters, 2019, 15, 20180662.	2.3	17
67	Ocean acidification and elevated temperature negatively affect recruitment, oxygen consumption and calcification of the reef-building Dendropoma cristatum early life stages: Evidence from a manipulative field study. Science of the Total Environment, 2019, 693, 133476.	8.0	16
68	Threatened biogenic formations of the Mediterranean: Current status and assessment of the vermetid reefs along the Lebanese coastline (Levant basin). Ocean and Coastal Management, 2019, 169, 137-146.	4.4	16
69	Decreasing in patch-size of Cystoseira forests reduces the diversity of their associated molluscan assemblage in Mediterranean rocky reefs. Estuarine, Coastal and Shelf Science, 2021, 250, 107163.	2.1	16
70	Ocean acidification bends the mermaid's wineglass. Biology Letters, 2015, 11, 20141075.	2.3	15
71	Effects of ocean acidification on embryonic respiration and development of a temperate wrasse living along a natural CO₂gradient. , 2016, 4, cov073.		15
72	Recruitment patterns in an intertidal species with low dispersal ability: the reef-building Dendropoma cristatum (Biondi, 1859) (Mollusca: Gastropoda). Italian Journal of Zoology, 2016, 83, 400-407.	0.6	14

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73	Vertical distribution of two sympatric labrid fishes in the Western Mediterranean and Eastern Atlantic rocky subtidal: local shore topography does matter. Marine Ecology, 2011, 32, 521-531.	1.1	13
74	Ocean acidification at a coastal CO2 vent induces expression of stress-related transcripts and transposable elements in the sea anemone Anemonia viridis. PLoS ONE, 2019, 14, e0210358.	2.5	13
75	Are control of extracellular acid-base balance and regulation of skeleton genes linked to resistance to ocean acidification in adult sea urchins?. Science of the Total Environment, 2020, 720, 137443.	8.0	13
76	Evaluation of a behavioural response of Mediterranean coastal fishes to novel recreational feeding situation. Environmental Biology of Fishes, 2011, 91, 127-132.	1.0	12
77	Sandbar shark aggregation in the central Mediterranean Sea and potential effects of tourism. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 1420-1428.	2.0	12
78	Latitudinal- and local-scale variations in a rocky intertidal interaction web. Marine Ecology - Progress Series, 2015, 534, 39-48.	1.9	12
79	The invasive seaweed Asparagopsis taxiformis erodes the habitat structure and biodiversity of native algal forests in the Mediterranean Sea. Marine Environmental Research, 2022, 173, 105515.	2.5	12
80	Behavioural responses of fish groups exposed to a predatory threat under elevated CO2. Marine Environmental Research, 2019, 147, 179-184.	2.5	11
81	Mediterranean sharks and rays need action. Science, 2021, 371, 355-356.	12.6	11
82	Warming-related shifts in the distribution of two competing coastal wrasses. Marine Environmental Research, 2016, 120, 55-67.	2.5	10
83	Food resource partitioning between two sympatric temperate wrasses. Marine and Freshwater Research, 2017, 68, 2324.	1.3	10
84	Greater Mitochondrial Energy Production Provides Resistance to Ocean Acidification in â€œWinningâ€• Hermatypic Corals. Frontiers in Marine Science, 2021, 7, .	2.5	9
85	First record of Percnon gibbesi (H. Milne Edwards, 1853) (Crustacea: Decapoda: Percnidae) from Egyptian waters. Aquatic Invasions, 2010, 5, S123-S125.	1.6	8
86	Settlement performance of the Mediterranean reef-builders Dendropoma cristatum (Biondi 1859) in response to natural bacterial films. Marine Environmental Research, 2018, 137, 149-157.	2.5	7
87	The invasive Asparagopsis taxiformis hosts a low diverse and less trophic structured molluscan assemblage compared with the native Ericaria brachycarpa. Marine Environmental Research, 2021, 166, 105279.	2.5	7
88	Effects of recreational scuba diving on Mediterranean fishes: evidence of involuntary feeding?. Mediterranean Marine Science, 2013, 14, 15.	1.6	7
89	Multiâ€špecific smallâ€scale fisheries rely on few, locally essential, species: Evidence from a multiâ€area study in the Mediterranean. Fish and Fisheries, 2022, 23, 1299-1312.	5.3	7
90	Metagenomics Reveals Planktonic Bacterial Community Shifts across a Natural CO ₂ Gradient in the Mediterranean Sea. Genome Announcements, 2015, 3, .	0.8	6

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91	Drawing the Line at Neglected Marine Ecosystems: Ecology of Vermetid Reefs in a Changing Ocean. , 2017, , 345-367.		4
92	Drawing the Line at Neglected Marine Ecosystems: Ecology of Vermetid Reefs in a Changing Ocean. , 2016, , 1-23.		4
93	Plastic adjustments of biparental care behavior across embryonic development under elevated temperature in a marine ectotherm. Ecology and Evolution, 2021, 11, 11155-11167.	1.9	3
94	Nest guarding behaviour of a temperate wrasse differs between sites off Mediterranean CO2 seeps. Science of the Total Environment, 2021, 799, 149376.	8.0	1
95	Invasive Alien Species and Their Effects on Marine Animal Forests. , 2020, , 419-467.		1