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List of Publications by Year
in descending order

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74 papers	4,956 citations	136950 32 h-index	91884 69 g-index
75 all docs	75 docs citations	75 times ranked	5921 citing authors

#	Article	IF	Citations
1	Global conservation outcomes depend on marine protected areas with five key features. Nature, 2014, 506, 216-220.	27.8	1,367
2	Integrating abundance and functional traits reveals new global hotspots of fish diversity. Nature, 2013, 501, 539-542.	27.8	445
3	Inhibition of coral recruitment by macroalgae and cyanobacteria. Marine Ecology - Progress Series, 2006, 323, 107-117.	1.9	357
4	Siliceous spicules and skeleton frameworks in sponges: Origin, diversity, ultrastructural patterns, and biological functions. Microscopy Research and Technique, 2003, 62, 279-299.	2.2	198
5	Genetic diversity and population structure of the commercially harvested sea urchin Paracentrotus lividus (Echinodermata, Echinoidea). Molecular Ecology, 2004, 13, 3317-3328.	3.9	125
6	Biogeography of sponge chemical ecology: comparisons of tropical and temperate defenses. Oecologia, 2003, 135, 91-101.	2.0	116
7	Distribution of brominated compounds within the sponge Aplysina aerophoba : coupling of X-ray microanalysis with cryofixation techniques. Cell and Tissue Research, 2000, 301, 311-322.	2.9	103
8	Silica deposition in Demosponges: spiculogenesis in Crambe crambe. Cell and Tissue Research, 2000, 301, 299-309.	2.9	95
9	Antimicrobial activity and surface bacterial film in marine sponges. Journal of Experimental Marine Biology and Ecology, 1994, 179, 195-205.	1.5	93
10	ALLELOPATHIC INTERACTIONS BETWEEN SPONGES ON A TROPICAL REEF. Ecology, 1998, 79, 1740-1750.	3.2	91
11	Temporal Trends in the Secondary Metabolite Production of the Sponge Aplysina aerophoba. Marine Drugs, 2012, 10, 677-693.	4.6	88
12	Seasonal Patterns of Toxicity in Benthic Invertebrates: The Encrusting Sponge Crambe crambe (Poecilosclerida). Oikos, 1996, 75, 33.	2.7	86
13	Experimental evidence of chemical deterrence against multiple herbivores in the seagrass Posidonia oceanica. Marine Ecology - Progress Series, 2007, 343, 107-114.	1.9	82
14	Finding the relevant scale: clonality and genetic structure in a marine invertebrate (Crambe crambe,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	78
15	Multiple Functions for Secondary Metabolites in Encrusting Marine Invertebrates. Journal of Chemical Ecology, 1997, 23, 1527-1547.	1.8	76
16	Variation in multiple traits of vegetative and reproductive seagrass tissues influences plantâ€“herbivore interactions. Oecologia, 2007, 151, 675-686.	2.0	73
17	Feeding deterrence in sponges. The role of toxicity, physical defenses, energetic contents, and life-history stage.. Journal of Experimental Marine Biology and Ecology, 1996, 205, 187-204.	1.5	72
18	Chemically mediated interactions between macroalgae Dictyota spp. and multiple life-history stages of the coral Porites astreoides. Marine Ecology - Progress Series, 2011, 426, 161-170.	1.9	66

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19	Assessing National Biodiversity Trends for Rocky and Coral Reefs through the Integration of Citizen Science and Scientific Monitoring Programs. BioScience, 2017, 67, 134-146.	4.9	64
20	Chemical defenses of the sacoglossan mollusk Elysia rufescens and its host Alga bryopsis sp. Journal of Chemical Ecology, 2001, 27, 2287-2299.	1.8	58
21	Intracolonial variation in chemical defenses of the sponge Cacospongia sp. and its consequences on generalist fish predators and the specialist nudibranch predator Glossodoris pallida. Marine Ecology - Progress Series, 1998, 168, 187-196.	1.9	58
22	Patterns of resource allocation to somatic, defensive, and reproductive functions in the Mediterranean encrusting sponge Crambe crambe (Demospongiae, Poecilosclerida). Marine Ecology - Progress Series, 1995, 124, 159-170.	1.9	56
23	Exploring the Links between Natural Products and Bacterial Assemblages in the SpongeAplysina aerophoba. Applied and Environmental Microbiology, 2011, 77, 862-870.	3.1	54
24	Establishing the ecological basis for conservation of shallow marine life using Reef Life Survey. Biological Conservation, 2020, 252, 108855.	4.1	52
25	Quantitative trends in sponge ecology research. Marine Ecology, 2008, 29, 167-177.	1.1	51
26	Natural variation of toxicity in encrusting spongeCrambe crambe (Schmidt) in relation to size and environment. Journal of Chemical Ecology, 1995, 21, 1931-1946.	1.8	48
27	Title is missing!. Hydrobiologia, 1997, 355, 77-89.	2.0	48
28	Effects of depth and light on secondary metabolites and cyanobacterial symbionts of the sponge Dysidea granulosa. Marine Ecology - Progress Series, 2004, 280, 115-128.	1.9	47
29	Small-scale association measures in epibenthic communities as a clue for allelochemical interactions. Oecologia, 1996, 108, 351-360.	2.0	44
30	Mass recruitment of Ophiothrix fragilis (Ophiuroidea) on sponges:settlement patterns and post-settlement dynamics. Marine Ecology - Progress Series, 2000, 200, 201-212.	1.9	44
31	Can a sponge feeder be a herbivore? Tylodina perversa (Gastropoda) feeding on Aplysina aerophoba (Demospongiae). Biological Journal of the Linnean Society, 2003, 78, 429-438.	1.6	38
32	Morphology and ultrastructure of the swimming larvae of Crambe crambe (Demospongiae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	33
33	Assessing social-ecological vulnerability of coastal systems to fishing and tourism. Science of the Total Environment, 2021, 784, 147078.	8.0	33
34	Reproductive Cycles of the Ascidians Microcosmus sabatieri and Halocynthia papillosa in the Northwestern Mediterranean. Marine Ecology, 1992, 13, 363-373.	1.1	32
35	Chemical Defenses of Cryptic and Aposematic Gastropterid Molluscs Feeding on their Host Sponge Dysidea granulosa. Journal of Chemical Ecology, 2006, 32, 1491-1500.	1.8	32
36	Patterns of Chemical Diversity in the Mediterranean Sponge Spongia lamella. PLoS ONE, 2011, 6, e20844.	2.5	32

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37	Metaâ€analysis approach to the effects of live prey on the growth of Octopus vulgaris paralarvae under culture conditions. Reviews in Aquaculture, 2018, 10, 3-14.	9.0	31
38	Species, trophic, and functional diversity in marine protected and non-protected areas. Journal of Sea Research, 2012, 73, 109-116.	1.6	29
39	Genetic structure and diversity of the endangered bath sponge Spongia lamella. Aquatic Conservation: Marine and Freshwater Ecosystems, 2015, 25, 365-379.	2.0	28
40	Chemically-mediated interactions in benthic organisms: the chemical ecology of Crambe crambe (Porifera, Poecilosclerida). , 1997, , 77-89.		28
41	Palatability and chemical defences of benthic cyanobacteria to a suite of herbivores. Journal of Experimental Marine Biology and Ecology, 2016, 474, 100-108.	1.5	27
42	Effects of monsoon-driven wave action on coral reefs of Guam and implications for coral recruitment. Coral Reefs, 2006, 25, 193-199.	2.2	25
43	Out of sight, out of mind: Threats to the marine biodiversity of the Canary Islands (NE Atlantic Ocean). Marine Pollution Bulletin, 2014, 86, 9-18.	5.0	25
44	Microstructure variation in sponges sharing growth form: The encrusting demospongesDysidea avaraandCrambe crambe. Acta Zoologica, 2000, 81, 93-107.	0.8	24
45	Spawning of the giant barrel sponge Xestospongia muta in Belize. Coral Reefs, 2005, 24, 160-160.	2.2	23
46	Measuring toxicity in marine environments: critical appraisal of three commonly used methods. Experientia, 1995, 51, 414-418.	1.2	21
47	Relevant Spatial Scales of Chemical Variation in Aplysina aerophoba. Marine Drugs, 2011, 9, 2499-2513.	4.6	21
48	Building up marine biodiversity loss: Artificial substrates hold lower number and abundance of low occupancy benthic and sessile species. Marine Environmental Research, 2018, 140, 190-199.	2.5	21
49	Intramolecular Modulation of Serine Protease Inhibitor Activity in a Marine Cyanobacterium with Antifeedant Properties. Marine Drugs, 2010, 8, 1803-1816.	4.6	19
50	The use of computer-assisted motion analysis for quantitative studies of the behaviour of barnacle () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	17
51	Quantitative comparison of bacterial communities in two Mediterranean sponges. Symbiosis, 2010, 51, 239-243.	2.3	16
52	Spatial characterization of coastal marine social-ecological systems: Insights for integrated management. Environmental Science and Policy, 2019, 92, 56-65.	4.9	16
53	Alpha and beta diversity across coastal marine social-ecological systems: Implications for conservation. Ecological Indicators, 2020, 109, 105786.	6.3	16
54	Silica Deposition in Demosponges. Progress in Molecular and Subcellular Biology, 2003, 33, 163-193.	1.6	14

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55	Isolation and characterization of microsatellite loci from the endangered Mediterranean sponge Spongia agaricina (Demospongiae: Dictyoceratida). Conservation Genetics, 2009, 10, 1895-1898.	1.5	14
56	Do recreational activities affect coastal biodiversity?. Estuarine, Coastal and Shelf Science, 2016, 178, 129-136.	2.1	14
57	Relationship between genetic, chemical, and bacterial diversity in the Atlanto-Mediterranean bath sponge Spongia lamella. Hydrobiologia, 2012, 687, 85-99.	2.0	12
58	Can light intensity cause shifts in natural product and bacterial profiles of the sponge <scp>A</scp>plysina aerophoba?. Marine Ecology, 2016, 37, 88-105.	1.1	12
59	Matching spatial distributions of the sea star Echinaster sepositus and crustose coralline algae in shallow rocky Mediterranean communities. Marine Biology, 2010, 157, 2241-2251.	1.5	11
60	Nutritional, structural and chemical defenses of common algae species against juvenile sea urchins. Marine Biology, 2017, 164, 1.	1.5	7
61	Marine protected areas are more effective but less reliable in protecting fish biomass than fish diversity. Marine Pollution Bulletin, 2019, 143, 24-32.	5.0	7
62	Ultrastructure of the gametogenesis of the common Mediterranean starfish,Echinaster (Echinaster) sepositus. Invertebrate Reproduction and Development, 2011, 55, 138-151.	0.8	6
63	Quantifying patterns of resilience: What matters is the intensity, not the relevance, of contributing factors. Ecological Indicators, 2019, 107, 105565.	6.3	6
64	Environmental Heterogeneity and Microbial Inheritance Influence Sponge-Associated Bacterial Composition of Spongia lamella. Microbial Ecology, 2014, 68, 611-620.	2.8	5
65	The potential of trait-based approaches to contribute to marine conservation. Marine Policy, 2015, 51, 148-150.	3.2	5
66	Difficulties to identify global and local key biodiversity areas in diverse and isolated marine jurisdictions. Journal of Coastal Conservation, 2020, 24, 1.	1.6	5
67	Preface: Sponge research developments. Hydrobiologia, 2012, 687, 1-2.	2.0	3
68	Response of different benthic habitats to off-shore fish cages. Aquaculture Research, 2015, 46, 1490-1500.	1.8	3
69	Relationship between genetic, chemical, and bacterial diversity in the Atlanto-Mediterranean bath sponge Spongia lamella. , 2011, , 85-99.		3
70	A spatially-modelled snapshot of future marine macroalgal assemblages in southern Europe: Towards a broader Mediterranean region?. Marine Environmental Research, 2022, 176, 105592.	2.5	3
71	Living on the edge: Early life history phases as determinants of distribution in Pyura praeputialis (Heller, 1878), a rocky shore ecosystem engineer. Marine Environmental Research, 2018, 142, 40-47.	2.5	2
72	Preface. Advances in Marine Biology, 2012, 61, ix-x.	1.4	1

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73	Publication impact in sponge chemical and microbial ecology. Scientia Marina, 2016, 80, 555.	0.6	1
74	Preface. Advances in Marine Biology, 2012, 62, ix-x.	1.4	0