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List of Publications by Year
in descending order

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33 papers	2,865 citations	361413 20 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	4506 citing authors

#	Article	IF	Citations
1	Mass mortality in Northwestern Mediterranean rocky benthic communities: effects of the 2003 heat wave. Global Change Biology, 2009, 15, 1090-1103.	9.5	786
2	Climate change effects on a miniature ocean: the highly diverse, highly impacted Mediterranean Sea. Trends in Ecology and Evolution, 2010, 25, 250-260.	8.7	663
3	Marine ecosystemsâ€™ responses to climatic and anthropogenic forcings in the Mediterranean. Progress in Oceanography, 2011, 91, 97-166.	3.2	385
4	Temporal Change in Deep-Sea Benthic Ecosystems. Advances in Marine Biology, 2010, 58, 1-95.	1.4	134
5	Regional warming-induced species shift in north-west Mediterranean marine caves. Ecology Letters, 2003, 6, 371-379.	6.4	105
6	Metabolic fingerprinting as an indicator of biodiversity: towards understanding inter-specific relationships among Homoscleromorpha sponges. Metabolomics, 2011, 7, 289-304.	3.0	77
7	Communityâ€Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. Global Biogeochemical Cycles, 2019, 33, 391-419.	4.9	76
8	Unravelling the global invasion routes of a worldwide invader, the red swamp crayfish (Procambarus clarkii). Freshwater Biology, 2019, 64, 1382-1400.	2.4	65
9	Comparative phylogeography of two colonial ascidians reveals contrasting invasion histories in North America. Biological Invasions, 2011, 13, 635-650.	2.4	52
10	Looking at both sides of the invasion: patterns of colonization in the violet tunicate Botrylloides violaceus. Molecular Ecology, 2011, 20, 503-516.	3.9	49
11	Brooding crustaceans in a highly fragmented habitat: the genetic structure of Mediterranean marine cave-dwelling mysid populations. Molecular Ecology, 2006, 15, 4123-4140.	3.9	42
12	Small-scale variability in the size structure of scleractinian corals around Moorea, French Polynesia: patterns across depths and locations. Hydrobiologia, 2007, 589, 117-126.	2.0	41
13	Do invaders always perform better? Comparing the response of native and invasive shrimps to temperature and salinity gradients in south-west Spain. Estuarine, Coastal and Shelf Science, 2014, 136, 102-111.	2.1	39
14	Local variation within marinas: Effects of pollutants and implications for invasive species. Marine Pollution Bulletin, 2018, 133, 96-106.	5.0	35
15	High genetic diversity and absence of founder effects in a worldwide aquatic invader. Scientific Reports, 2014, 4, 5808.	3.3	31
16	Population structure and life history of Hemimysis margalefi (Crustacea: Mysidacea), a Â‘thermophilicÂ’ cave-dwelling species benefiting from the warming of the NW Mediterranean. Marine Ecology - Progress Series, 2005, 287, 189-199.	1.9	29
17	Implications for management and conservation of the population genetic structure of the wedge clam Donax trunculus across two biogeographic boundaries. Scientific Reports, 2016, 6, 39152.	3.3	27
18	Improvements to the â€œSket Bottleâ€• A Simple Manual Device for Sampling Small Crustaceans from Marine Caves and Other Cryptic Habitats. Journal of Crustacean Biology, 2008, 28, 185-188.	0.8	25

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19	Cryptic habitats and cryptic diversity: unexpected patterns of connectivity and phylogeographical breaks in a Mediterranean endemic marine cave mysid. Molecular Ecology, 2014, 23, 2825-2843.	3.9	23
20	Baseline expression of heat-shock proteins (HSPs) of a "thermotolerant" Mediterranean marine species largely influenced by natural temperature fluctuations. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 2028-2037.	1.4	21
21	Eastern spread of the invasive Artemia franciscana in the Mediterranean Basin, with the first record from the Balkan Peninsula. Hydrobiologia, 2018, 822, 229-235.	2.0	16
22	Fish mitigate trophic depletion in marine cave ecosystems. Scientific Reports, 2018, 8, 9193.	3.3	15
23	Brine chemistry matters: Isolation by environment and by distance explain population genetic structure of Artemia franciscana in saline lakes. Freshwater Biology, 2021, 66, 1546-1559.	2.4	15
24	Transcriptomic response to thermal and salinity stress in introduced and native sympatric Palaemon caridean shrimps. Scientific Reports, 2017, 7, 13980.	3.3	14
25	Serotonin expression in the optic lobes of cavernicolous crustaceans during the lightâ€“dark transition phase: Role of the lamina ganglionaris. Journal of Experimental Marine Biology and Ecology, 2006, 335, 74-81.	1.5	13
26	Compared stress tolerance to short-term exposure in native and invasive tunicates from the NE Atlantic: when the invader performs better. Marine Biology, 2018, 165, 1.	1.5	12
27	Molecular and distribution data on the poorly known, elusive, cave mysid <scp>H</scp>armelinella mariannae (<scp>C</scp>rustacea: <scp>M</scp>ysida). Marine Ecology, 2015, 36, 305-317.	1.1	11
28	PCR survey of 50 introns in animals: Cross-amplification of homologous EPIC loci in eight non-bilaterian, protostome and deuterostome phyla. Marine Genomics, 2013, 12, 1-8.	1.1	10
29	Comparative feeding rates of native and invasive ascidians. Marine Pollution Bulletin, 2018, 135, 1067-1071.	5.0	10
30	Alien vs. predator: influence of environmental variability and predation on the survival of ascidian recruits of a native and alien species. Biological Invasions, 2022, 24, 1327-1344.	2.4	8
31	A salt bath will keep you going? Euryhalinity tests and genetic structure of caridean shrimps from Iberian rivers. Science of the Total Environment, 2016, 540, 11-19.	8.0	6
32	Pollution gradient leads to local adaptation and small-scale spatial variability of communities and functions in an urban marine environment. Science of the Total Environment, 2022, 838, 155911.	8.0	6
33	Brought more than twice: the complex introduction history of the red swamp crayfish into Europe. Knowledge and Management of Aquatic Ecosystems, 2020, , 2.	1.1	5