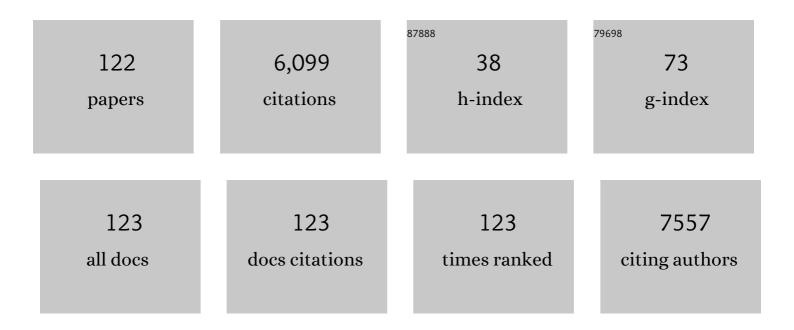
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List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Microplastics in the Mediterranean Sea: Deposition in coastal shallow sediments, spatial variation and preferential grain size. Marine Environmental Research, 2016, 115, 1-10.	2.5	437
2	Using mussel as a global bioindicator of coastal microplastic pollution. Environmental Pollution, 2019, 244, 522-533.	7.5	350
3	Microplastic ingestion by Mullus surmuletus Linnaeus, 1758 fish and its potential for causing oxidative stress. Environmental Research, 2017, 159, 135-142.	7.5	274
4	High levels of microplastic ingestion by the semipelagic fish bogue Boops boops (L.) around the Balearic Islands. Environmental Pollution, 2016, 214, 517-523.	7.5	257
5	Bioindicators for monitoring marine litter ingestion and its impacts on Mediterranean biodiversity. Environmental Pollution, 2018, 237, 1023-1040.	7.5	255
6	Mediterranean marine biodiversity under threat: Reviewing influence of marine litter on species. Marine Pollution Bulletin, 2015, 98, 58-68.	5.0	212
7	Ingestion of microplastics and natural fibres in Sardina pilchardus (Walbaum, 1792) and Engraulis encrasicolus (Linnaeus, 1758) along the Spanish Mediterranean coast. Marine Pollution Bulletin, 2018, 128, 89-96.	5.0	203
8	Evidence of microplastic ingestion in the shark Galeus melastomus Rafinesque, 1810 in the continental shelf off the western Mediterranean Sea. Environmental Pollution, 2017, 223, 223-229.	7.5	202
9	Towards global data products of Essential Biodiversity Variables on species traits. Nature Ecology and Evolution, 2018, 2, 1531-1540.	7.8	163
10	Biochemical responses of Mytilus galloprovincialis as biomarkers of acute environmental pollution caused by the Don Pedro oil spill (Eivissa Island, Spain). Aquatic Toxicology, 2011, 101, 540-549.	4.0	124
11	Long-term exposure to microplastics induces oxidative stress and a pro-inflammatory response in the gut of Sparus aurata Linnaeus, 1758. Environmental Pollution, 2020, 266, 115295.	7.5	111
12	S.O.S. Pinna nobilis: A Mass Mortality Event in Western Mediterranean Sea. Frontiers in Marine Science, 2017, 4, .	2.5	106
13	Risk assessment of plastic pollution on marine diversity in the Mediterranean Sea. Science of the Total Environment, 2019, 678, 188-196.	8.0	105
14	Collaborative Database to Track Mass Mortality Events in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	2.5	104
15	Haplosporidium pinnae sp. nov., a haplosporidan parasite associated with mass mortalities of the fan mussel, Pinna nobilis, in the Western Mediterranean Sea. Journal of Invertebrate Pathology, 2018, 157, 9-24.	3.2	99
16	COMPARATIVE ANALYSIS OF EPIPHYTIC FORAMINIFERA IN SEDIMENTS COLONIZED BY SEAGRASS POSIDONIA OCEANICA AND INVASIVE MACROALGAE CAULERPA SPP Journal of Foraminiferal Research, 2010, 40, 134-147.	0.5	85
17	Tracking a mass mortality outbreak of pen shell Pinna nobilis populations: A collaborative effort of scientists and citizens. Scientific Reports, 2019, 9, 13355.	3.3	85
18	Assessment of environmental pollution at Balearic Islands applying oxidative stress biomarkers in the mussel Mytilus galloprovincialis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 146, 531-539.	2.6	76

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19	Anthropogenic particles ingestion in fish species from two areas of the western Mediterranean Sea. Marine Pollution Bulletin, 2019, 144, 325-333.	5.0	76
20	Effects of hook size and barbless hooks on hooking injury, catch per unit effort, and fish size in a mixed-species recreational fishery in the western Mediterranean Sea. ICES Journal of Marine Science, 2008, 65, 899-905.	2.5	73
21	How good is your marine protected area at curbing threats?. Biological Conservation, 2018, 221, 237-245.	4.1	69
22	Assessment of polycyclic aromatic hydrocarbon concentrations in mussels (Mytilus) Tj ETQq0 0 0 rgBT /Overlock Assessment, 2011, 172, 301-317.	10 Tf 50 6 2.7	527 Td (gallo 68
23	Influence of physical environmental factors on the composition and horizontal distribution of summer larval fish assemblages off Mallorca island (Balearic archipelago, western Mediterranean). Journal of Plankton Research, 2006, 28, 473-487.	1.8	65
24	Insights into fish host-parasite trophic relationships revealed by stable isotope analysis. Diseases of Aquatic Organisms, 2002, 52, 77-86.	1.0	61
25	Spatial variation and ontogenic shifts in the isotopic composition of Mediterranean littoral fishes. Marine Biology, 2004, 145, 971-981.	1.5	60
26	Chemical Contamination Baseline in the Western Basin of the Mediterranean Sea Based on Transplanted Mussels. Archives of Environmental Contamination and Toxicology, 2011, 61, 261-271.	4.1	59
27	The Pen Shell, Pinna nobilis. Advances in Marine Biology, 2015, 71, 109-160.	1.4	59
28	Antioxidant response of the seagrass Posidonia oceanica when epiphytized by the invasive macroalgae Lophocladia lallemandii. Marine Environmental Research, 2008, 66, 359-363.	2.5	55
29	A large scale survey of trace metal levels in coastal waters of the Western Mediterranean basin using caged mussels (Mytilus galloprovincialis). Journal of Environmental Monitoring, 2011, 13, 1495.	2.1	55
30	Nearshore spatio-temporal sea surface trawls of plastic debris in the Balearic Islands. Marine Environmental Research, 2020, 158, 104945.	2.5	52
31	Experimental evidence of physiological and behavioral effects of microplastic ingestion in Sparus aurata. Aquatic Toxicology, 2021, 231, 105737.	4.0	51
32	Functional changes due to invasive species: Food web shifts at shallow Posidonia oceanica seagrass beds colonized by the alien macroalga Caulerpa racemosa. Estuarine, Coastal and Shelf Science, 2011, 93, 106-116.	2.1	47
33	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	2.5	47
34	Enzymatic antioxidant response of a labrid fish (Coris julis) liver to environmental caulerpenyne. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 144, 191-196.	2.6	45
35	Temporal trends of littoral fishes at deep Posidonia oceanica seagrass meadows in a temperate coastal zone. Journal of Marine Systems, 2008, 70, 182-195.	2.1	44
36	Fish communities associated with FADs. Scientia Marina, 1999, 63, 199-207.	0.6	44

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#	Article	IF	CITATIONS
37	Can we save a marine species affected by a highly infective, highly lethal, waterborne disease from extinction?. Biological Conservation, 2020, 243, 108498.	4.1	43
38	Assessment of marine litter through remote sensing: recent approaches and future goals. Marine Pollution Bulletin, 2021, 168, 112347.	5.0	43
39	3D hotspots of marine litter in the Mediterranean: A modeling study. Marine Pollution Bulletin, 2020, 155, 111159.	5.0	42
40	Boat anchoring impacts coastal populations of the pen shell, the largest bivalve in the Mediterranean. Biological Conservation, 2013, 160, 105-113.	4.1	40
41	Stable-isotope signatures (δ13C and δ15N) of different tissues of Pinna nobilis Linnaeus, 1758 (Bivalvia): isotopic variations among tissues and between seasons. Journal of Molluscan Studies, 2009, 75, 343-349.	1.2	39
42	Stable isotope fractionation in the digestive gland, muscle and gills tissues of the marine mussel Mytilus galloprovincialis. Journal of Experimental Marine Biology and Ecology, 2009, 368, 181-188.	1.5	39
43	Western Mediterranean coastal waters—Monitoring PCBs and pesticides accumulation in Mytilus galloprovincialis by active mussel watching: the Mytilos project. Journal of Environmental Monitoring, 2010, 12, 924.	2.1	39
44	Interlaboratory comparison of microplastic extraction methods from marine biota tissues: A harmonization exercise of the Plastic Busters MPAs project. Marine Pollution Bulletin, 2021, 164, 111992.	5.0	39
45	Organic compounds temporal trends at some invertebrate species from the Balearics, Western Mediterranean. Chemosphere, 2007, 68, 1650-1659.	8.2	37
46	Stable isotopes and metal contamination in caged marine mussel Mytilus galloprovincialis. Marine Pollution Bulletin, 2009, 58, 1025-1031.	5.0	37
47	Biomarkers of environmental stress in gills of Pinna nobilis (Linnaeus 1758) from Balearic Island. Ecotoxicology and Environmental Safety, 2015, 122, 9-16.	6.0	36
48	Interspecific trophic relationships among pelagic fish species underneath FADs. Journal of Fish Biology, 2001, 58, 53-67.	1.6	35
49	Assessment of the effect of long-term exposure to microplastics and depuration period in Sparus aurata Linnaeus, 1758: Liver and blood biomarkers. Science of the Total Environment, 2021, 786, 147479.	8.0	35
50	Distribution and densities of the decapod crab Percnon gibbesi, an invasive Grapsidae, in western Mediterranean waters. Marine Ecology - Progress Series, 2005, 285, 151-156.	1.9	35
51	Temporal trends of metals in benthic invertebrate species from the Balearic Islands, Western Mediterranean. Marine Pollution Bulletin, 2007, 54, 1545-1558.	5.0	33
52	Diet and physiological responses of Spondyliosoma cantharus (Linnaeus, 1758) to the Caulerpa racemosa var. cylindracea invasion. Journal of Experimental Marine Biology and Ecology, 2009, 380, 11-19.	1.5	33
53	Antioxidant response and caulerpenyne production of the alien Caulerpa taxifolia (Vahl) epiphytized by the invasive algae Lophocladia lallemandii (Montagne). Journal of Experimental Marine Biology and Ecology, 2008, 364, 24-28.	1.5	32
54	Recruitment of Pinna nobilis (Mollusca: Bivalvia) on artificial structures. Marine Biodiversity Records, 2009, 2, .	1.2	32

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55	Polycyclic aromatic hydrocarbon levels and measures of oxidative stress in the Mediterranean endemic bivalve Pinna nobilis exposed to the Don Pedro oil spill. Marine Pollution Bulletin, 2013, 71, 69-73.	5.0	32
56	Spatial synchronies in the seasonal occurrence of larvae of oysters (Crassostrea gigas) and mussels (Mytilus edulis/galloprovincialis) in European coastal waters. Estuarine, Coastal and Shelf Science, 2012, 108, 52-63.	2.1	31
57	Antioxidant response of the bivalve Pinna nobilis colonised by invasive red macroalgae Lophocladia lallemandii. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 456-460.	2.6	30
58	Lessons learned from an intercalibration exercise on the quantification and characterisation of microplastic particles in sediment and water samples. Marine Pollution Bulletin, 2020, 154, 111097.	5.0	30
59	Microplastic ingestion in reared aquaculture fish: Biological responses to low-density polyethylene controlled diets in Sparus aurata. Environmental Pollution, 2021, 280, 116960.	7.5	30
60	Interaction between the invasive macroalga Lophocladia lallemandii and the bryozoan Reteporella grimaldii at seagrass meadows: density and physiological responses. Biological Invasions, 2010, 12, 41-52.	2.4	29
61	Seagrass Meadows Modify Drag Forces on the Shell of the Fan Mussel Pinna nobilis. Estuaries and Coasts, 2011, 34, 60-67.	2.2	29
62	Human Stressors Are Driving Coastal Benthic Long-Lived Sessile Fan Mussel Pinna nobilis Population Structure More than Environmental Stressors. PLoS ONE, 2015, 10, e0134530.	2.5	29
63	Fish fauna associated with floating objects sampled by experimental and commercial purse nets. Scientia Marina, 1999, 63, 219-227.	0.6	29
64	Changes in seagrass polychaete assemblages after invasion by <i>Caulerpa racemosa</i> var. <i>cylindracea</i> (Chlorophyta: Caulerpales): community structure, trophic guilds and taxonomic distinctness. Scientia Marina, 2010, 74, 317-329.	0.6	29
65	Oxidative status assessment of the endemic bivalve Pinna nobilis affected by the oil spill from the sinking of the Don Pedro. Marine Environmental Research, 2015, 110, 19-24.	2.5	28
66	Expected Effects of Offshore Wind Farms on Mediterranean Marine Life. Journal of Marine Science and Engineering, 2016, 4, 18.	2.6	28
67	Exploring the relation between plastic ingestion in species and its presence in seafloor bottoms. Marine Pollution Bulletin, 2020, 160, 111641.	5.0	28
68	Spatial distribution modelling of the endangered bivalve Pinna nobilis in a Marine Protected Area. Mediterranean Marine Science, 2014, 15, 626.	1.6	28
69	Recruitment Disruption and the Role of Unaffected Populations for Potential Recovery After the Pinna nobilis Mass Mortality Event. Frontiers in Marine Science, 2020, 7, .	2.5	27
70	Effects of the invasive macroalga Lophocladia lallemandii on the diet and trophism of Pinna nobilis (Mollusca: Bivalvia) and its guests Pontonia pinnophylax and Nepinnotheres pinnotheres (Crustacea: Decapoda). Scientia Marina, 2010, 74, 101-110.	0.6	27
71	Reciprocal effects of caulerpenyne and intense herbivorism on the antioxidant response of Bittium reticulatum and Caulerpa taxifolia. Ecotoxicology and Environmental Safety, 2009, 72, 795-801.	6.0	26
72	Evaluating stable isotopic signals in bivalve Pinna nobilis under different human pressures. Journal of Experimental Marine Biology and Ecology, 2015, 467, 77-86.	1.5	26

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73	Muscle and scale isotopic offset of three fish species in the Mediterranean Sea: <i>Dentex dentex</i> , <i>Argyrosomus regius</i> and <i>Xyrichtys novacula</i> . Rapid Communications in Mass Spectrometry, 2009, 23, 2321-2328.	1.5	25
74	Influence of boat anchoring on Pinna nobilis: a field experiment using mimic units. Marine and Freshwater Research, 2015, 66, 786.	1.3	25
75	Influence of hook size and type on short-term mortality, hooking location and size selectivity in a Spanish recreational fishery. Journal of Applied Ichthyology, 2008, 24, 658.	0.7	24
76	Organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) occurrence in Sparus aurata exposed to microplastic enriched diets in aquaculture facilities. Marine Pollution Bulletin, 2021, 173, 113030.	5.0	23
77	Adapting to the wild: the case of aquacultureâ€produced and released meagres <i>Argyrosomus regius</i> . Journal of Fish Biology, 2014, 84, 10-30.	1.6	22
78	Spatio-temporal monitoring of coastal floating marine debris in the Balearic Islands from sea-cleaning boats. Marine Pollution Bulletin, 2019, 141, 205-214.	5.0	22
79	Population dynamics and fishery of dolphinfish (<i>Coryphaena hippurus</i>) in the western Mediterranean. Scientia Marina, 1999, 63, 447-457.	0.6	22
80	Increased antioxidant response and capability to produce ROS in hemocytes of Pinna nobilis L. exposed to anthropogenic activity. Environmental Pollution, 2013, 181, 321-324.	7.5	21
81	Physiological response of the sea urchin Paracentrotus lividus fed with the seagrass Posidonia oceanica and the alien algae Caulerpa racemosa and Lophocladia lallemandii. Marine Environmental Research, 2013, 83, 48-53.	2.5	21
82	Reproductive investment of the pen shell Pinna nobilis Linnaeus, 1758 in Cabrera National Park (Spain). Mediterranean Marine Science, 2017, 18, 271.	1.6	21
83	Reduced Antioxidant Response of the Fan Mussel Pinna nobilis Related to the Presence of Haplosporidium pinnae. Pathogens, 2020, 9, 932.	2.8	20
84	Effects of pollutants and microplastics ingestion on oxidative stress and monoaminergic activity of seabream brains. Aquatic Toxicology, 2022, 242, 106048.	4.0	20
85	Seasonality of caulerpenyne content in native <i>Caulerpa prolifera</i> and invasive <i>C. taxifolia</i> and <i>C. racemosa</i> var. <i>cylindracea</i> in the western Mediterranean Sea. Botanica Marina, 2010, 53, 367-375.	1.2	19
86	Ubiquitous vertical distribution of microfibers within the upper epipelagic layer of the western Mediterranean Sea. Estuarine, Coastal and Shelf Science, 2022, 266, 107741.	2.1	19
87	Prey selectivity in planktivorous juvenile fishes associated with floating objects in the western Mediterranean. Aquaculture Research, 2001, 32, 481-490.	1.8	18
88	Age and growth of the endangered fan mussel Pinna nobilis in the western Mediterranean Sea. Marine Environmental Research, 2020, 153, 104795.	2.5	18
89	Benthic community responses to macroalgae invasions in seagrass beds: Diversity, isotopic niche and food web structure at community level. Estuarine, Coastal and Shelf Science, 2014, 142, 12-22.	2.1	17
90	Micro- and macro-plastics in beach sediment of the Algerian western coast: First data on distribution, characterization, and source. Marine Pollution Bulletin, 2021, 165, 112168.	5.0	17

#	Article	IF	CITATIONS
91	Quantification of differential tissue biomarker responses to microplastic ingestion and plasticizer bioaccumulation in aquaculture reared sea bream Sparus aurata. Environmental Research, 2022, 211, 113063.	7.5	17

Spatial and temporal distribution of marine litter on the seafloor of the Balearic Islands (western) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 7 $\frac{1}{12}$

93	Wide-Geographic and Long-Term Analysis of the Role of Pathogens in the Decline of Pinna nobilis to Critically Endangered Species. Frontiers in Marine Science, 2022, 9, .	2.5	15
94	Differences in <i>Ĵ´</i> ¹³ C and <i>Ĵ´</i> ¹⁵ N stable isotopes in the pearly razorfish <i>Xyrichtys novacula</i> related to the sex, location and spawning period. Journal of Fish Biology, 2010, 76, 2370-2381.	1.6	14
95	Spatial distribution of macro- and micro-litter items along rocky and sandy beaches of a Marine Protected Area in the western Mediterranean Sea. Marine Pollution Bulletin, 2022, 178, 113520.	5.0	14
96	Caulerpa cylindracea Sonder invasion modifies trophic niche in infralittoral rocky benthic community. Marine Environmental Research, 2016, 120, 86-92.	2.5	13
97	Occurrence of Polyprion americanus under floating objects in western Mediterranean oceanic waters, inference from stomach contents analysis. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 751-752.	0.8	12
98	Relative Growth Rates of the Noble Pen Shell <i>Pinna nobilis</i> Throughout Ontogeny Around the Balearic Islands (Western Mediterranean, Spain). Journal of Shellfish Research, 2012, 31, 749-756.	0.9	12
99	Natural hybridization between pen shell species: Pinna rudis and the critically endangered Pinna nobilis may explain parasite resistance in P. nobilis. Molecular Biology Reports, 2021, 48, 997-1004.	2.3	12
100	Geographic distance, water circulation and environmental conditions shape the biodiversity of Mediterranean rocky coasts. Marine Ecology - Progress Series, 2016, 553, 1-11.	1.9	12
101	Living under threat: Will one of the last <i>Pinna nobilis</i> populations be able to survive?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 1-13.	2.0	12
102	On the Occurrence of Kyphosus Sectator (Osteichthyes: Kyphosidae) in the Western Mediterranean. Journal of the Marine Biological Association of the United Kingdom, 1998, 78, 687-690.	0.8	11
103	Assessment of the impact of aquaculture facilities on transplanted mussels (Mytilus) Tj ETQq1 1 0.784314 rgBT j Journal of Hazardous Materials, 2022, 424, 127264.	Overlock 12.4	10 Tf 50 26 10
104	Population Structure and Growth of the Threatened Pen Shell, Pinna rudis (Linnaeus, 1758) in a Western Mediterranean Marine Protected Area. Mediterranean Marine Science, 2016, 17, 785.	1.6	10
105	Are the seafloors of marine protected areas sinks for marine litter? Composition and spatial distribution in Cabrera National Park. Science of the Total Environment, 2022, 819, 152915.	8.0	10
106	Recapture probability underwater: predicting the detection of the threatened noble pen shell in seagrass meadows. Limnology and Oceanography: Methods, 2012, 10, 824-831.	2.0	8
107	Physiological adaptation to Mediterranean habitats of the native crab Pachygrapsus marmoratus and the invasive Percnon gibbesi (Crustacea: Decapoda). Scientia Marina, 2015, 79, 257-262.	0.6	8
108	Integrated Multitrophic Aquaculture: Filter Feeders Bivalves as Efficient Reducers of Wastes Derived from Coastal Aquaculture Assessed with Stable Isotope Analyses. , 2011, , .		6

#	Article	IF	CITATIONS
109	Colonization on Pinna nobilis at a marine protected area: extent of the spread of two invasive seaweeds. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 857-864.	0.8	6
110	Genetics and stable isotopes reveal non-obvious population structure of bottlenose dolphins (Tursiops truncatus) around the Balearic Islands. Hydrobiologia, 2019, 842, 233-247.	2.0	5
111	Sublittoral meiobenthic assemblages from disturbed and non-disturbed sediments in the Balearics. Scientia Marina, 2000, 64, 285-293.	0.6	5
112	Isotopic fractionation in wild and captive European spiny lobsters (Palinurus elephas). Journal of Crustacean Biology, 2012, 32, 421-424.	0.8	4
113	CHARACTERIZATION OF NITROGEN AND CARBON STABLE ISOTOPES IN EPIPHYTIC FORAMINIFERAL MORPHOTYPES. Journal of Foraminiferal Research, 2016, 46, 271-284.	0.5	4
114	Surface mesozooplankton in open waters of the Western Mediterranean. Ophelia, 2001, 54, 1-13.	0.3	3
115	A new record of Diodon hystrix (Actinopterygii: Tetraodontiformes: Diodontidae) in the Mediterranean Sea. Acta Ichthyologica Et Piscatoria, 2018, 48, 403-407.	0.7	3
116	Occurrence of Automate branchialis Holthuis & Gottlieb, 1958 (Decapoda, Alpheidae) in the Balearic Islands (western Mediterranean Sea). Crustaceana, 2007, 80, 495-501.	0.3	2
117	Initial data on settlement and recruitment of macrobenthic organisms on artificial substrates located over Posidonia oceanica meadows. Marine Biology Research, 2010, 6, 591-599.	0.7	2
118	The non-indigenous and invasive species Paraleucilla magna Klautau, Monteiro & Borojevic, 2004 (Porifera: Calcarea) in the Algerian coast (Southwestern of Mediterranean Sea). Acta Adriatica, 2019, 60, 41-46.	0.7	2
119	Interspecific trophic relationships among pelagic fish species underneath FADs. Journal of Fish Biology, 2001, 58, 53-67.	1.6	2
120	Inferred family structure of an endangered species, Pinna nobilis, using molecular analyses: implications of connectivity for conservation. Frontiers in Marine Science, 0, 6, .	2.5	1
121	Unexpected large numbers of Mullus surmuletus juveniles in open waters of the Mediterranean sampled with light attraction devices. Journal of Fish Biology, 2002, 61, 1639-1642.	1.6	0
122	High metal contents in the fan mussel Pinna nobilis in the Balearic Archipelago (western Mediterranean Sea) and a review of concentrations in marine bivalves (Pinnidae). Scientia Marina, 2011, .	0.6	0