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List of Publications by Year in descending order

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122 papers 6,099 citations

38 h-index 79698 73 g-index

123 all docs

123 docs citations

123 times ranked 7557 citing authors

#	Article	IF	CITATIONS
1	Assessment of the impact of aquaculture facilities on transplanted mussels (Mytilus) Tj ETQq $1\ 1\ 0.784314\ rgBT$ Journal of Hazardous Materials, 2022, 424, 127264.	Overlock I 12.4	10 Tf 50 74 <mark>7</mark> 10
2	Living under threat: Will one of the last $\langle i \rangle$ Pinna nobilis $\langle i \rangle$ populations be able to survive?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 1-13.	2.0	12
3	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
4	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
5	Effects of pollutants and microplastics ingestion on oxidative stress and monoaminergic activity of seabream brains. Aquatic Toxicology, 2022, 242, 106048.	4.0	20
6	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
7	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
8	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
9	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
10	Experimental evidence of physiological and behavioral effects of microplastic ingestion in Sparus aurata. Aquatic Toxicology, 2021, 231, 105737.	4.0	51
11	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
12	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
13	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
14	Assessment of marine litter through remote sensing: recent approaches and future goals. Marine Pollution Bulletin, 2021, 168, 112347.	5.0	43
15	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
16	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
17	Age and growth of the endangered fan mussel Pinna nobilis in the western Mediterranean Sea. Marine Environmental Research, 2020, 153, 104795.	2.5	18

Spatial and temporal distribution of marine litter on the seafloor of the Balearic Islands (western) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 6

#	Article	IF	Citations
19	Exploring the relation between plastic ingestion in species and its presence in seafloor bottoms. Marine Pollution Bulletin, 2020, 160, 111641.	5.0	28
20	Reduced Antioxidant Response of the Fan Mussel Pinna nobilis Related to the Presence of Haplosporidium pinnae. Pathogens, 2020, 9, 932.	2.8	20
21	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
22	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
23	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
24	Nearshore spatio-temporal sea surface trawls of plastic debris in the Balearic Islands. Marine Environmental Research, 2020, 158, 104945.	2.5	52
25	3D hotspots of marine litter in the Mediterranean: A modeling study. Marine Pollution Bulletin, 2020, 155, 111159.	5.0	42
26	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
27	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
28	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	2.5	47
29	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
30	Risk assessment of plastic pollution on marine diversity in the Mediterranean Sea. Science of the Total Environment, 2019, 678, 188-196.	8.0	105
31	Anthropogenic particles ingestion in fish species from two areas of the western Mediterranean Sea. Marine Pollution Bulletin, 2019, 144, 325-333.	5.0	76
32	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
33	The non-indigenous and invasive species Paraleucilla magna Klautau, Monteiro & Samp; Borojevic, 2004 (Porifera: Calcarea) in the Algerian coast (Southwestern of Mediterranean Sea). Acta Adriatica, 2019, 60, 41-46.	0.7	2
34	Collaborative Database to Track Mass Mortality Events in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	2.5	104
35	Using mussel as a global bioindicator of coastal microplastic pollution. Environmental Pollution, 2019, 244, 522-533.	7.5	350
36	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

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37	How good is your marine protected area at curbing threats?. Biological Conservation, 2018, 221, 237-245.	4.1	69
38	Bioindicators for monitoring marine litter ingestion and its impacts on Mediterranean biodiversity. Environmental Pollution, 2018, 237, 1023-1040.	7. 5	255
39	Towards global data products of Essential Biodiversity Variables on species traits. Nature Ecology and Evolution, 2018, 2, 1531-1540.	7.8	163
40	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
41	A new record of Diodon hystrix (Actinopterygii: Tetraodontiformes: Diodontidae) in the Mediterranean Sea. Acta Ichthyologica Et Piscatoria, 2018, 48, 403-407.	0.7	3
42	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
43	Microplastic ingestion by Mullus surmuletus Linnaeus, 1758 fish and its potential for causing oxidative stress. Environmental Research, 2017, 159, 135-142.	7.5	274
44	S.O.S. Pinna nobilis: A Mass Mortality Event in Western Mediterranean Sea. Frontiers in Marine Science, 2017, 4, .	2.5	106
45	Reproductive investment of the pen shell Pinna nobilis Linnaeus, 1758 in Cabrera National Park (Spain). Mediterranean Marine Science, 2017, 18, 271.	1.6	21
46	Expected Effects of Offshore Wind Farms on Mediterranean Marine Life. Journal of Marine Science and Engineering, 2016, 4, 18.	2.6	28
47	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
48	Caulerpa cylindracea Sonder invasion modifies trophic niche in infralittoral rocky benthic community. Marine Environmental Research, 2016, 120, 86-92.	2.5	13
49	CHARACTERIZATION OF NITROGEN AND CARBON STABLE ISOTOPES IN EPIPHYTIC FORAMINIFERAL MORPHOTYPES. Journal of Foraminiferal Research, 2016, 46, 271-284.	0.5	4
50	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
51	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
52	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
53	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
54	The Pen Shell, Pinna nobilis. Advances in Marine Biology, 2015, 71, 109-160.	1.4	59

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55	Mediterranean marine biodiversity under threat: Reviewing influence of marine litter on species. Marine Pollution Bulletin, 2015, 98, 58-68.	5.0	212
56	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
57	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
58	Influence of boat anchoring on Pinna nobilis: a field experiment using mimic units. Marine and Freshwater Research, 2015, 66, 786.	1.3	25
59	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
60	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
61	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
62	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
63	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
64	Spatial distribution modelling of the endangered bivalve Pinna nobilis in a Marine Protected Area. Mediterranean Marine Science, 2014, 15, 626.	1.6	28
65	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
66	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
67	Boat anchoring impacts coastal populations of the pen shell, the largest bivalve in the Mediterranean. Biological Conservation, 2013, 160, 105-113.	4.1	40
68	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
69	Isotopic fractionation in wild and captive European spiny lobsters (Palinurus elephas). Journal of Crustacean Biology, 2012, 32, 421-424.	0.8	4
70	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
71	Relative Growth Rates of the Noble Pen Shell <i>Pinna nobilis</i> Balearic Islands (Western Mediterranean, Spain). Journal of Shellfish Research, 2012, 31, 749-756.	0.9	12
72	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

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73	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
74	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
75	Integrated Multitrophic Aquaculture: Filter Feeders Bivalves as Efficient Reducers of Wastes Derived from Coastal Aquaculture Assessed with Stable Isotope Analyses. , 2011, , .		6
76	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
77	Assessment of polycyclic aromatic hydrocarbon concentrations in mussels (Mytilus) Tj ETQq1 1 0.784314 rgBT /0 Assessment, 2011, 172, 301-317.	Overlock 1 2.7	10 Tf 50 587 68
78	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
79	Seagrass Meadows Modify Drag Forces on the Shell of the Fan Mussel Pinna nobilis. Estuaries and Coasts, 2011, 34, 60-67.	2.2	29
80	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
81	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
82	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
83	Differences in $\langle i \rangle \hat{i} \langle i \rangle \langle sup \rangle 13 \langle sup \rangle C$ and $\langle i \rangle \hat{i} \langle i \rangle \langle sup \rangle 15 \langle sup \rangle N$ stable isotopes in the pearly razorfish $\langle i \rangle X$ yrichtys novacula $\langle i \rangle$ related to the sex, location and spawning period. Journal of Fish Biology, 2010, 76, 2370-2381.	1.6	14
84	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
85	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
86	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
87	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
88	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
89	Stable-isotope signatures (\hat{l} '13C and \hat{l} '15N) 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
90	Recruitment of Pinna nobilis (Mollusca: Bivalvia) on artificial structures. Marine Biodiversity Records, 2009, 2, .	1.2	32

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91	Stable isotopes and metal contamination in caged marine mussel Mytilus galloprovincialis. Marine Pollution Bulletin, 2009, 58, 1025-1031.	5.0	37
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	Occurrence of Automate branchialis Holthuis & Gottlieb, 1958 (Decapoda, Alpheidae) in the Balearic Islands (western Mediterranean Sea). Crustaceana, 2007, 80, 495-501.	0.3	2
103	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
104	Organic compounds temporal trends at some invertebrate species from the Balearics, Western Mediterranean. Chemosphere, 2007, 68, 1650-1659.	8.2	37
105	Temporal trends of metals in benthic invertebrate species from the Balearic Islands, Western Mediterranean. Marine Pollution Bulletin, 2007, 54, 1545-1558.	5.0	33
106	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
107	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
108	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

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109	Spatial variation and ontogenic shifts in the isotopic composition of Mediterranean littoral fishes. Marine Biology, 2004, 145, 971-981.	1.5	60
110	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
111	Insights into fish host-parasite trophic relationships revealed by stable isotope analysis. Diseases of Aquatic Organisms, 2002, 52, 77-86.	1.0	61
112	Surface mesozooplankton in open waters of the Western Mediterranean. Ophelia, 2001, 54, 1-13.	0.3	3
113	Prey selectivity in planktivorous juvenile fishes associated with floating objects in the western Mediterranean. Aquaculture Research, 2001, 32, 481-490.	1.8	18
114	Interspecific trophic relationships among pelagic fish species underneath FADs. Journal of Fish Biology, 2001, 58, 53-67.	1.6	35
115	Interspecific trophic relationships among pelagic fish species underneath FADs. Journal of Fish Biology, 2001, 58, 53-67.	1.6	2
116	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
117	Sublittoral meiobenthic assemblages from disturbed and non-disturbed sediments in the Balearics. Scientia Marina, 2000, 64, 285-293.	0.6	5
118	Fish communities associated with FADs. Scientia Marina, 1999, 63, 199-207.	0.6	44
119	Fish fauna associated with floating objects sampled by experimental and commercial purse nets. Scientia Marina, 1999, 63, 219-227.	0.6	29
120	Population dynamics and fishery of dolphinfish (<i>Coryphaena hippurus</i>) in the western Mediterranean. Scientia Marina, 1999, 63, 447-457.	0.6	22
121	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
122	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