Telmo Morato

List of Publications by Year in descending order

123 papers	6,216 citations	87843 38 h-index	88593 70 g-index
132 all docs	132 docs citations	132 times ranked	5935 citing authors

#	Article	IF	Citations
1	Marine Litter Distribution and Density in European Seas, from the Shelves to Deep Basins. PLoS ONE, 2014, 9, e95839.	1.1	495
2	Fishing down the deep. Fish and Fisheries, 2006, 7, 24-34.	2.7	400
3	Seamounts are hotspots of pelagic biodiversity in the open ocean. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9707-9711.	3.3	286
4	Sustainability of deep-sea fisheries. Marine Policy, 2012, 36, 307-320.	1.5	267
5	Resilience of benthic deep-sea fauna to mining activities. Marine Environmental Research, 2017, 129, 76-101.	1.1	258
6	A global biogeographic classification of the mesopelagic zone. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 126, 85-102.	0.6	223
7	Intrinsic vulnerability in the global fish catch. Marine Ecology - Progress Series, 2007, 333, 1-12.	0.9	170
8	Global Observing Needs in the Deep Ocean. Frontiers in Marine Science, 2019, 6, .	1.2	166
9	Evidence of a seamount effect on aggregating visitors. Marine Ecology - Progress Series, 2008, 357, 23-32.	0.9	161
10	Lengthâ€“weight relationships for 21 coastal fish species of the Azores, north-eastern Atlantic. Fisheries Research, 2001, 50, 297-302.	0.9	140
11	Ecological restoration in the deep sea: Desiderata. Marine Policy, 2014, 44, 98-106.	1.5	131
12	Seamounts: Ecology, Fisheries & Conservation. , 2007, , .		113
13	Climateâ€induced changes in the suitable habitat of coldâ€water corals and commercially important deepâ€sea fishes in the North Atlantic. Global Change Biology, 2020, 26, 2181-2202.	4.2	109
14	Feeding ecology of the white seabream, Diplodus sargus, and the ballan wrasse, Labrus bergylta, in the Azores. Fisheries Research, 2005, 75, 107-119.	0.9	104
15	Ecology: Protect the deep sea. Nature, 2014, 505, 475-477.	13.7	95
16	Vulnerability of seamount fish to fishing: fuzzy analysis of life-history attributes. Journal of Fish Biology, 2006, 68, 209-221.	0.7	91
17	Fishing down the deep: Accounting for within-species changes in depth of fishing. Fisheries Research, 2013, 140, 63-65.	0.9	89
18	A strategy for the conservation of biodiversity on mid-ocean ridges from deep-sea mining. Science Advances, 2018, 4, eaar4313.	4.7	85

#	Article	IF	Citations
19	Seamount Fisheries: Do They Have a Future?. Oceanography, 2010, 23, 134-144.	0.5	80
20	Global Observational Needs and Resources for Marine Biodiversity. Frontiers in Marine Science, 2019, 6, .	1.2	77
21	Corals on Seamounts. , 0, , 141-169.		76
22	Abundance and distribution of seamounts in the Azores. Marine Ecology - Progress Series, 2008, 357, 17-21.	0.9	71
23	Cold-water corals landed by bottom longline fisheries in the Azores (north-eastern Atlantic). Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 1547-1555.	0.4	70
24	Abundance of litter on Condor seamount (Azores, Portugal, Northeast Atlantic). Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 98, 204-208.	0.6	68
25	Deep-Sea Misconceptions Cause Underestimation of Seabed-Mining Impacts. Trends in Ecology and Evolution, 2020, 35, 853-857.	4.2	68
26	Assessment of scientific gaps related to the effective environmental management of deep-seabed mining. Marine Policy, 2022, 138, 105006.	1.5	67
27	Climate change considerations are fundamental to management of deepâ€sea resource extraction. Global Change Biology, 2020, 26, 4664-4678.	4.2	65
28	A global assessment of seamount ecosystems knowledge using an ecosystem evaluation framework. Biological Conservation, 2014, 173, 108-120.	1.9	64
29	Feeding habits, seasonal and ontogenetic diet shift of blacktail comber, Serranus atricauda (Pisces:) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	63
30	Reproductive biology and recruitment of the white sea bream in the Azores. Journal of Fish Biology, 2003, 63, 59-72.	0.7	63
31	Deep-water longline fishing has reduced impact on Vulnerable Marine Ecosystems. Scientific Reports, 2014, 4, 4837.	1.6	63
32	Impacts of Fisheries on Seamounts. , 0, , 413-441.		60
33	Total marine fishery catch for the Azores (1950â€“2010). ICES Journal of Marine Science, 2013, 70, 564-577.	1.2	57
34	Spatial variability of seabird distribution associated with environmental factors: a case study of marine Important Bird Areas in the Azores. ICES Journal of Marine Science, 2009, 66, 29-40.	1.2	56
35	Can We Protect Seamounts for Research? A Call for Conservation. Oceanography, 2010, 23, 190-199.	0.5	56
36	Physical Processes and Seamount Productivity. , 0, , 62-84.		53

#	Article	IF	Citations
37	Modelled effects of primary and secondary production enhancement by seamounts on local fish stocks. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2713-2719.	0.6	52
38	Large-Scale Distant-Water Trawl Fisheries on Seamounts. , 0, , 361-399.		49
39	Potential Mitigation and Restoration Actions in Ecosystems Impacted by Seabed Mining. Frontiers in Marine Science, 2018, 5, .	1.2	48
40	The deep sea: The new frontier for ecological restoration. Marine Policy, 2019, 108, 103642.	1.5	48
41	Existing environmental management approaches relevant to deep-sea mining. Marine Policy, 2019, 103, 172-181.	1.5	48
42	The importance of deep-sea vulnerable marine ecosystems for demersal fish in the Azores. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 96, 80-88.	0.6	44
43	Influence of Water Masses on the Biodiversity and Biogeography of Deep-Sea Benthic Ecosystems in the North Atlantic. Frontiers in Marine Science, 2020, 7, .	1.2	43
44	Human activities and resultant pressures on key European marine habitats: An analysis of mapped resources. Marine Policy, 2018, 98, 1-10.	1.5	42
45	A Multi Criteria Assessment Method for Identifying Vulnerable Marine Ecosystems in the North-East Atlantic. Frontiers in Marine Science, 2018, 5, .	1.2	41
46	Tuna Longline Fishing around West and Central Pacific Seamounts. PLoS ONE, 2010, 5, e14453.	1.1	41
47	Predictive modeling of deep-sea fish distribution in the Azores. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 145, 49-60.	0.6	40
48	A framework for the development of a global standardised marine taxon reference image database (SMarTaR-ID) to support image-based analyses. PLoS ONE, 2019, 14, e0218904.	1.1	40
49	Seamount physiography and biology in the north-east Atlantic and Mediterranean Sea. Biogeosciences, 2013, 10, 3039-3054.	1.3	39
50	Development of a sensitive detection method to survey pelagic biodiversity using eDNA and quantitative PCR: a case study of devil ray at seamounts. Marine Biology, 2017, 164, 1.	0.7	38
51	New and rare coastal fishes in the Azores islands: occasional events or tropicalization process?. Journal of Fish Biology, 2013, 83, 272-294.	0.7	36
52	An Ecosystem Evaluation Framework for Global Seamount Conservation and Management. PLoS ONE, 2012, 7, e42950.	1.1	35
53	Sustainability of deep-sea fish species under the European Union Common Fisheries Policy. Ocean and Coastal Management, 2012, 70, 31-37.	2.0	32
54	Mapping Condor Seamount Seafloor Environment and Associated Biological Assemblages (Azores, NE) Tj ETQq0 0 0 rgBT /Overlock 10 T		31

#	Article	IF	Citations
55	Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?. Marine Policy, 2019, 106, 103521.	1.5	31
56	Seamount Benthos. , 0, , 117-140.		30
57	An overview of fisheries discards in the Azores. Fisheries Research, 2019, 209, 230-241.	0.9	30
58	Seamount Fishes: Ecology and Life Histories. , 0, , 170-188.		30
59	Overview of the Ocean Climatology and Its Variability in the Azores Region of the North Atlantic Including Environmental Characteristics at the Seabed. Frontiers in Marine Science, 2017, 4, .	1.2	28
60	How Many Seamounts are There and Where are They Located?. , 0, , 26-40.		27
61	Spatial patterns in reproductive traits of the temperate parrotfish Sparisoma cretense. Fisheries Research, 2008, 90, 92-99.	0.9	27
62	A perspective on the importance of oceanic fronts in promoting aggregation of visitors to seamounts. Fish and Fisheries, 2016, 17, 1227-1233.	2.7	27
63	Habitat Features and Their Influence on the Restoration Potential of Marine Habitats in Europe. Frontiers in Marine Science, 2020, 7, .	1.2	27
64	Genetic study of Coris julis (Osteichtyes, Perciformes, Labridae) evolutionary history and dispersal abilities. Comptes Rendus - Biologies, 2003, 326, 771-785.	0.1	25
65	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. Frontiers in Marine Science, 2021, 8, .	1.2	25
66	Seamount Plankton Dynamics. , 0, , 87-100.		24
67	Assessing the environmental status of selected North Atlantic deep-sea ecosystems. Ecological Indicators, 2020, 119, 106624.	2.6	23
68	Midwater Fish Assemblages and Seamounts. , 0, , 101-116.		22
69	Experimental fisheries for black scabbardfish (Aphanopus carbo) in the Azores, Northeast Atlantic. ICES Journal of Marine Science, 2011, 68, 302-308.	1.2	22
70	Cold-water corals and large hydrozoans provide essential fish habitat for Lappanella fasciata and Benthocometes robustus. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 145, 33-48.	0.6	22
71	Historical gene flow constraints in a northeastern Atlantic fish: phylogeography of the ballan wrasseLabrus bergyltaacross its distribution range. Royal Society Open Science, 2017, 4, 160773.	1.1	22
72	Fish Visitors to Seamounts: Tunas and Bill Fish at Seamounts. , 0, , 189-201.		22

#	Article	IF	Citations
73	Management and Conservation of Seamounts. , 0, , 442-475.		21
74	The Azores: A Mid-Atlantic Hotspot for Marine Megafauna Research and Conservation. Frontiers in Marine Science, 2020, 6, .	1.2	20
75	Food-Web and Ecosystem Structure of the Open-Ocean and Deep-Sea Environments of the Azores, NE Atlantic. Frontiers in Marine Science, 2016, 3, .	1.2	19
76	A costâ€effective video system for a rapid appraisal of deepâ€sea benthic habitats: The Azor driftâ€cam. Methods in Ecology and Evolution, 2021, 12, 1379-1388.	2.2	19
77	Fish Visitors to Seamounts: Aggregations of Large Pelagic Sharks Above Seamounts. , 0, , 202-206.		18
78	Unequal sex ratios in longline catches. Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 187-188.	0.4	16
79	The Future of Integrated Deep-Sea Research in Europe: The HERMIONE Project. Oceanography, 2009, 22, 178-191.	0.5	16
80	Air-Breathing Visitors to Seamounts: Sea Turtles. , 0, , 239-244.		16
81	Biogeography and Biodiversity of Seamounts. , 0, , 252-281.		15
82	Seamount Characteristics. , 0, , 1-25.		14
83	Catches from World Seamount Fisheries. , 0, , 400-412.		13
84	Seafloor Characteristics in the Azores Region (North Atlantic). Frontiers in Marine Science, 2016, 3, .	1.2	13
85	Small-scale fishersâ€™ perception of the implementation of the EU Landing Obligation regulation in the outermost region of the Azores. Journal of Environmental Management, 2019, 249, 109335.	3.8	13
86	Air-Breathing Visitors to Seamounts: Marine Mammals. , 0, , 230-238.		13
87	Systematic Conservation Planning at an Ocean Basin Scale: Identifying a Viable Network of Deep-Sea Protected Areas in the North Atlantic and the Mediterranean. Frontiers in Marine Science, 2021, 8, .	1.2	12
88	Raiding the Larder: A Quantitative Evaluation Framework and Trophic Signature for Seamount Food Webs. , 0, , 282-295.		12
89	Active Ecological Restoration of Cold-Water Corals: Techniques, Challenges, Costs and Future Directions. Frontiers in Marine Science, 2021, 8, .	1.2	11
90	Seamount Ecosystem Evaluation Framework (SEEF): A Tool for Global Seamount Research and Data Synthesis. Oceanography, 2010, 23, 123-125.	0.5	10

#	Article	IF	Citations
91	Small-Scale Fishing on Seamounts. , 0, , 333-360.		10
92	The Implementation of the Landing Obligation in Small-Scale Fisheries of Southern European Union Countries. , 2019, , 89-108.		10
93	Growth, reproduction and recruitment patterns of the wide-eyed flounder,Bothus podasDelaroche (Pisces: Bothidae), from the Azores. Marine Biology Research, 2007, 3, 403-411.	0.3	9
94	Effects of marine protected areas on coastal fishes across the Azores archipelago, mid-North Atlantic. Journal of Sea Research, 2018, 138, 34-47.	0.6	9
95	Ocean Circulation Over North Atlantic Underwater Features in the Path of the Mediterranean Outflow Water: The Ormonde and Formigas Seamounts, and the Gazul Mud Volcano. Frontiers in Marine Science, 2019, 6, .	1.2	9
96	Seamounts and Cephalopods. , 0, , 207-229.		9
97	Molecular insights into the taxonomic status of Coris atlantica (Pisces: Labridae). Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 929-933.	0.4	8
98	The Impact of Fisheries Discards on Scavengers in the Sea. , 2019, , 129-162.		8
99	Dense coldâ€water coral garden of Paragorgia johnsoni suggests the importance of the Midâ€Atlantic Ridge for deepâ€sea biodiversity. Ecology and Evolution, 2021, 11, 16426-16433.	0.8	8
100	North Atlantic Basin-Scale Multi-Criteria Assessment Database to Inform Effective Management and Protection of Vulnerable Marine Ecosystems. Frontiers in Marine Science, 2021, 8, .	1.2	7
101	Spotlight: Dom JoÃ£o de Castro Seamount. Oceanography, 2010, 23, 200-201.	0.5	7
102	Air-Breathing Visitors to Seamounts: Importance of Seamounts to Seabirds. , 0, , 245-251.		6
103	Increasing Pressure at the Bottom of the Ocean. , 2012, , 69-81.		6
104	The Depths of Ignorance: An Ecosystem Evaluation Framework for Seamount Ecology, Fisheries and Conservation. , 0, , 476-488.		6
105	A History of Seamount Research. , 0, , 41-61.		6
106	Predicting Weight Composition of Fish Diet s: Converting Frequency of Occurrence of Prey to Relative Weight Composition. The Open Fish Science Journal, 2009, 2, 42-49.	0.2	6
107	ReproducciÃ³n y hÃ¡bitat de desove del jurel dentÃ³n, Pseudocaranx dentex, en las Azores, AtlÃ¡ntico norte central. Scientia Marina, 2008, 72, .	0.3	5
108	Ecosystem Simulations of Management Strategies for Data-Limited Seamount Fisheries. , 2005, , 467-486.		5

#	Article	IF	Citations
109	Variability of deep-sea megabenthic assemblages along the western pathway of the Mediterranean outflow water. Deep-Sea Research Part I: Oceanographic Research Papers, 2022, 185, 103791.	0.6	5
110	Microsatellite characterization in the rainbow wrasse Coris julis (Pisces: Labridae). Molecular Ecology, 2000, 9, 631-632.	2.0	4
111	Environmental Protection Requires Accurate Application of Scientific Evidence. Trends in Ecology and Evolution, 2021, 36, 14-15.	4.2	4
112	Distribution models of deep-sea elasmobranchs in the Azores, Mid-Atlantic Ridge, to inform spatial planning. Deep-Sea Research Part I: Oceanographic Research Papers, 2022, 182, 103707.	0.6	4
113	The reproduction, age and growth of the spotted rockling. Journal of Fish Biology, 2003, 62, 1450-1455.	0.7	3
114	Spotlight: Sedlo Seamount. Oceanography, 2010, 23, 202-203.	0.5	3
115	Biomass removal from shore-based whaling in the Azores. Fisheries Research, 2013, 143, 98-101.	0.9	3
116	Modelling Seamount Ecosystems and their Fisheries. , 0, , 296-332.		3
117	First record of scamp, Mycteroperca phenax, in the north-eastern Atlantic. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 281-282.	0.4	2
118	Capture, husbandry and long-term transport of pilotfish, Naucrates ductor (Linnaeus, 1758), by sea, land and air. Environmental Biology of Fishes, 2018, 101, 1039-1052.	0.4	2
119	Editorial: The Azores Marine Ecosystem: An Open Window Into North Atlantic Open Ocean and Deep-Sea Environments. Frontiers in Marine Science, 2020, 7, .	1.2	2
120	SIMSEA: A Multiagent Architecture for Fishing Activity in a Simulated Environment. , 2019, , .		1
121	The effect of rapid decompression on barotrauma and survival rate in swallowtail seaperch (Anthias) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	0
122	The Value of a Deep-Sea Collection of the Azores (NE Atlantic Ocean): Marine invertebrate biodiversity in an era of global environmental change. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
123	(Very) longâ€term transport of Silurus glanis, Charcharhinus melanopterus, Scomber colias, Trachurus picturatus, polyprion americanus, Rhinoptera marmoratus, Salmo salar, Scomber scombrus, Sardina pilchardus , and others, by land, water and air. Zoo Biology, 2022, , .	0.5	0