

Telmo Morato

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	(Very) long-term transport of <i>Silurus glanis</i> , <i>Charcharhinus melanopterus</i> , <i>Scomber colias</i> , <i>Trachurus picturatus</i> , <i>polyprion americanus</i> , <i>Rhinoptera marmoratus</i> , <i>Salmo salar</i> , <i>Scomber scombrus</i> , <i>Sardina pilchardus</i> , and others, by land, water and air. Zoo Biology, 2022, , .	0.5	0
3	Assessment of scientific gaps related to the effective environmental management of deep-seabed mining. Marine Policy, 2022, 138, 105006.	1.5	67
4	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
5	Environmental Protection Requires Accurate Application of Scientific Evidence. Trends in Ecology and Evolution, 2021, 36, 14-15.	4.2	4
6	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
7	A cost-effective video system for a rapid appraisal of deep-sea benthic habitats: The Azor driftcam. Methods in Ecology and Evolution, 2021, 12, 1379-1388.	2.2	19
8	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
9	Active Ecological Restoration of Cold-Water Corals: Techniques, Challenges, Costs and Future Directions. Frontiers in Marine Science, 2021, 8, .	1.2	11
10	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. Frontiers in Marine Science, 2021, 8, .	1.2	25
11	Dense cold-water coral garden of <i>Paragorgia johnsoni</i> suggests the importance of the Mid-Atlantic Ridge for deep-sea biodiversity. Ecology and Evolution, 2021, 11, 16426-16433.	0.8	8
12	Assessing the environmental status of selected North Atlantic deep-sea ecosystems. Ecological Indicators, 2020, 119, 106624.	2.6	23
13	Climate change considerations are fundamental to management of deep-sea resource extraction. Global Change Biology, 2020, 26, 4664-4678.	4.2	65
14	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. Global Change Biology, 2020, 26, 2181-2202.	4.2	109
15	The Azores: A Mid-Atlantic Hotspot for Marine Megafauna Research and Conservation. Frontiers in Marine Science, 2020, 6, .	1.2	20
16	Habitat Features and Their Influence on the Restoration Potential of Marine Habitats in Europe. Frontiers in Marine Science, 2020, 7, .	1.2	27
17	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
18	Deep-Sea Misconceptions Cause Underestimation of Seabed-Mining Impacts. Trends in Ecology and Evolution, 2020, 35, 853-857.	4.2	68

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19	Editorial: The Azores Marine Ecosystem: An Open Window Into North Atlantic Open Ocean and Deep-Sea Environments. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	2
20	Global Observational Needs and Resources for Marine Biodiversity. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	77
21	Small-scale fishersâ€™ perception of the implementation of the EU Landing Obligation regulation in the outermost region of the Azores. <i>Journal of Environmental Management</i> , 2019, 249, 109335.	3.8	13
22	The deep sea: The new frontier for ecological restoration. <i>Marine Policy</i> , 2019, 108, 103642.	1.5	48
23	Global Observing Needs in the Deep Ocean. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	166
24	Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?. <i>Marine Policy</i> , 2019, 106, 103521.	1.5	31
25	Existing environmental management approaches relevant to deep-sea mining. <i>Marine Policy</i> , 2019, 103, 172-181.	1.5	48
26	A framework for the development of a global standardised marine taxon reference image database (SMarTaR-ID) to support image-based analyses. <i>PLoS ONE</i> , 2019, 14, e0218904.	1.1	40
27	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. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	9
28	The effect of rapid decompression on barotrauma and survival rate in swallowtail seaperch (<i>Anthias</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	0
29	The Impact of Fisheries Discards on Scavengers in the Sea. , 2019, , 129-162.		8
30	An overview of fisheries discards in the Azores. <i>Fisheries Research</i> , 2019, 209, 230-241.	0.9	30
31	The Implementation of the Landing Obligation in Small-Scale Fisheries of Southern European Union Countries. , 2019, , 89-108.		10
32	SIMSEA: A Multiagent Architecture for Fishing Activity in a Simulated Environment. , 2019, , .		1
33	Capture, husbandry and long-term transport of pilotfish, <i>Naucrates ductor</i> (Linnaeus, 1758), by sea, land and air. <i>Environmental Biology of Fishes</i> , 2018, 101, 1039-1052.	0.4	2
34	Potential Mitigation and Restoration Actions in Ecosystems Impacted by Seabed Mining. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	48
35	A Multi Criteria Assessment Method for Identifying Vulnerable Marine Ecosystems in the North-East Atlantic. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	41
36	Human activities and resultant pressures on key European marine habitats: An analysis of mapped resources. <i>Marine Policy</i> , 2018, 98, 1-10.	1.5	42

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37	A strategy for the conservation of biodiversity on mid-ocean ridges from deep-sea mining. <i>Science Advances</i> , 2018, 4, eaar4313.	4.7	85
38	Effects of marine protected areas on coastal fishes across the Azores archipelago, mid-North Atlantic. <i>Journal of Sea Research</i> , 2018, 138, 34-47.	0.6	9
39	Predictive modeling of deep-sea fish distribution in the Azores. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 49-60.	0.6	40
40	Development of a sensitive detection method to survey pelagic biodiversity using eDNA and quantitative PCR: a case study of devil ray at seamounts. <i>Marine Biology</i> , 2017, 164, 1.	0.7	38
41	Resilience of benthic deep-sea fauna to mining activities. <i>Marine Environmental Research</i> , 2017, 129, 76-101.	1.1	258
42	A global biogeographic classification of the mesopelagic zone. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 126, 85-102.	0.6	223
43	Cold-water corals and large hydrozoans provide essential fish habitat for <i>Lappanella fasciata</i> and <i>Benthocometes robustus</i> . <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 33-48.	0.6	22
44	Historical gene flow constraints in a northeastern Atlantic fish: phylogeography of the ballan wrasse <i>Labrus bergylta</i> across its distribution range. <i>Royal Society Open Science</i> , 2017, 4, 160773.	1.1	22
45	Overview of the Ocean Climatology and Its Variability in the Azores Region of the North Atlantic Including Environmental Characteristics at the Seabed. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	28
46	Seafloor Characteristics in the Azores Region (North Atlantic). <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	13
47	Food-Web and Ecosystem Structure of the Open-Ocean and Deep-Sea Environments of the Azores, NE Atlantic. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	19
48	A perspective on the importance of oceanic fronts in promoting aggregation of visitors to seamounts. <i>Fish and Fisheries</i> , 2016, 17, 1227-1233.	2.7	27
49	The importance of deep-sea vulnerable marine ecosystems for demersal fish in the Azores. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 96, 80-88.	0.6	44
50	Marine Litter Distribution and Density in European Seas, from the Shelves to Deep Basins. <i>PLoS ONE</i> , 2014, 9, e95839.	1.1	495
51	Ecology: Protect the deep sea. <i>Nature</i> , 2014, 505, 475-477.	13.7	95
52	Ecological restoration in the deep sea: Desiderata. <i>Marine Policy</i> , 2014, 44, 98-106.	1.5	131
53	A global assessment of seamount ecosystems knowledge using an ecosystem evaluation framework. <i>Biological Conservation</i> , 2014, 173, 108-120.	1.9	64
54	Deep-water longline fishing has reduced impact on Vulnerable Marine Ecosystems. <i>Scientific Reports</i> , 2014, 4, 4837.	1.6	63

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55	New and rare coastal fishes in the Azores islands: occasional events or tropicalization process?. <i>Journal of Fish Biology</i> , 2013, 83, 272-294.	0.7	36
56	Abundance of litter on Condor seamount (Azores, Portugal, Northeast Atlantic). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 98, 204-208.	0.6	68
57	Biomass removal from shore-based whaling in the Azores. <i>Fisheries Research</i> , 2013, 143, 98-101.	0.9	3
58	Fishing down the deep: Accounting for within-species changes in depth of fishing. <i>Fisheries Research</i> , 2013, 140, 63-65.	0.9	89
59	Total marine fishery catch for the Azores (1950–2010). <i>ICES Journal of Marine Science</i> , 2013, 70, 564-577.	1.2	57
60	Seamount physiography and biology in the north-east Atlantic and Mediterranean Sea. <i>Biogeosciences</i> , 2013, 10, 3039-3054.	1.3	39
61	Cold-water corals landed by bottom longline fisheries in the Azores (north-eastern Atlantic). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 1547-1555.	0.4	70
62	Mapping Condor Seamount Seafloor Environment and Associated Biological Assemblages (Azores, NE) <i>Journal of Environmental Management</i> , 2012, 107, 31-41.	0.4	31
63	Sustainability of deep-sea fish species under the European Union Common Fisheries Policy. <i>Ocean and Coastal Management</i> , 2012, 70, 31-37.	2.0	32
64	Increasing Pressure at the Bottom of the Ocean. <i>Oceanography</i> , 2012, 23, 69-81.	0.5	6
65	Sustainability of deep-sea fisheries. <i>Marine Policy</i> , 2012, 36, 307-320.	1.5	267
66	An Ecosystem Evaluation Framework for Global Seamount Conservation and Management. <i>PLoS ONE</i> , 2012, 7, e42950.	1.1	35
67	Experimental fisheries for black scabbardfish (<i>Aphanopus carbo</i>) in the Azores, Northeast Atlantic. <i>ICES Journal of Marine Science</i> , 2011, 68, 302-308.	1.2	22
68	Spotlight: Sedlo Seamount. <i>Oceanography</i> , 2010, 23, 202-203.	0.5	3
69	Seamount Ecosystem Evaluation Framework (SEEF): A Tool for Global Seamount Research and Data Synthesis. <i>Oceanography</i> , 2010, 23, 123-125.	0.5	10
70	Seamounts are hotspots of pelagic biodiversity in the open ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9707-9711.	3.3	286
71	Tuna Longline Fishing around West and Central Pacific Seamounts. <i>PLoS ONE</i> , 2010, 5, e14453.	1.1	41
72	Seamount Fisheries: Do They Have a Future?. <i>Oceanography</i> , 2010, 23, 134-144.	0.5	80

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73	Can We Protect Seamounts for Research? A Call for Conservation. <i>Oceanography</i> , 2010, 23, 190-199.	0.5	56
74	Spotlight: Dom João de Castro Seamount. <i>Oceanography</i> , 2010, 23, 200-201.	0.5	7
75	The Future of Integrated Deep-Sea Research in Europe: The HERMIONE Project. <i>Oceanography</i> , 2009, 22, 178-191.	0.5	16
76	Spatial variability of seabird distribution associated with environmental factors: a case study of marine Important Bird Areas in the Azores. <i>ICES Journal of Marine Science</i> , 2009, 66, 29-40.	1.2	56
77	Modelled effects of primary and secondary production enhancement by seamounts on local fish stocks. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2713-2719.	0.6	52
78	Predicting Weight Composition of Fish Diet s: Converting Frequency of Occurrence of Prey to Relative Weight Composition. <i>The Open Fish Science Journal</i> , 2009, 2, 42-49.	0.2	6
79	Spatial patterns in reproductive traits of the temperate parrotfish <i>Sparisoma cretense</i> . <i>Fisheries Research</i> , 2008, 90, 92-99.	0.9	27
80	Abundance and distribution of seamounts in the Azores. <i>Marine Ecology - Progress Series</i> , 2008, 357, 17-21.	0.9	71
81	Evidence of a seamount effect on aggregating visitors. <i>Marine Ecology - Progress Series</i> , 2008, 357, 23-32.	0.9	161
82	Reproducción y hábitat de desove del jurel dentado, <i>Pseudocaranx dentex</i> , en las Azores, Atlántico norte central. <i>Scientia Marina</i> , 2008, 72, .	0.3	5
83	Growth, reproduction and recruitment patterns of the wide-eyed flounder, <i>Bothus podas</i> Delaroche (Pisces: Bothidae), from the Azores. <i>Marine Biology Research</i> , 2007, 3, 403-411.	0.3	9
84	Seamounts: Ecology, Fisheries & Conservation. , 2007, , .		113
85	Intrinsic vulnerability in the global fish catch. <i>Marine Ecology - Progress Series</i> , 2007, 333, 1-12.	0.9	170
86	Vulnerability of seamount fish to fishing: fuzzy analysis of life-history attributes. <i>Journal of Fish Biology</i> , 2006, 68, 209-221.	0.7	91
87	Fishing down the deep. <i>Fish and Fisheries</i> , 2006, 7, 24-34.	2.7	400
88	Feeding ecology of the white seabream, <i>Diplodus sargus</i> , and the ballan wrasse, <i>Labrus bergylta</i> , in the Azores. <i>Fisheries Research</i> , 2005, 75, 107-119.	0.9	104
89	Ecosystem Simulations of Management Strategies for Data-Limited Seamount Fisheries. , 2005, , 467-486.		5
90	First record of scamp, <i>Mycteroperca phenax</i> , in the north-eastern Atlantic. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 281-282.	0.4	2

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91	The reproduction, age and growth of the spotted rockling. <i>Journal of Fish Biology</i> , 2003, 62, 1450-1455.	0.7	3
92	Reproductive biology and recruitment of the white sea bream in the Azores. <i>Journal of Fish Biology</i> , 2003, 63, 59-72.	0.7	63
93	Genetic study of <i>Coris julis</i> (Osteichthyes, Perciformes, Labridae) evolutionary history and dispersal abilities. <i>Comptes Rendus - Biologies</i> , 2003, 326, 771-785.	0.1	25
94	Length-weight relationships for 21 coastal fish species of the Azores, north-eastern Atlantic. <i>Fisheries Research</i> , 2001, 50, 297-302.	0.9	140
95	Unequal sex ratios in longline catches. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 187-188.	0.4	16
96	Molecular insights into the taxonomic status of <i>Coris atlantica</i> (Pisces: Labridae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 929-933.	0.4	8
97	Microsatellite characterization in the rainbow wrasse <i>Coris julis</i> (Pisces: Labridae). <i>Molecular Ecology</i> , 2000, 9, 631-632.	2.0	4
98	Feeding habits, seasonal and ontogenetic diet shift of blacktail comber, <i>Serranus atricauda</i> (Pisces: Serranidae). <i>Journal of Fish Biology</i> , 2000, 56, 101-116.	0.9	63
99	Catches from World Seamount Fisheries. <i>Journal of Fish Biology</i> , 2000, 56, 400-412.		13
100	Physical Processes and Seamount Productivity. <i>Journal of Fish Biology</i> , 2000, 56, 62-84.		53
101	How Many Seamounts are There and Where are They Located?. <i>Journal of Fish Biology</i> , 2000, 56, 26-40.		27
102	Fish Visitors to Seamounts: Aggregations of Large Pelagic Sharks Above Seamounts. <i>Journal of Fish Biology</i> , 2000, 56, 202-206.		18
103	Air-Breathing Visitors to Seamounts: Importance of Seamounts to Seabirds. <i>Journal of Fish Biology</i> , 2000, 56, 245-251.		6
104	Midwater Fish Assemblages and Seamounts. <i>Journal of Fish Biology</i> , 2000, 56, 101-116.		22
105	Biogeography and Biodiversity of Seamounts. <i>Journal of Fish Biology</i> , 2000, 56, 252-281.		15
106	Seamount Benthos. <i>Journal of Fish Biology</i> , 2000, 56, 117-140.		30
107	Management and Conservation of Seamounts. <i>Journal of Fish Biology</i> , 2000, 56, 442-475.		21
108	Seamount Characteristics. <i>Journal of Fish Biology</i> , 2000, 56, 1-25.		14

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109	Fish Visitors to Seamounts: Tunas and Bill Fish at Seamounts. , 0, , 189-201.		22
110	Seamounts and Cephalopods. , 0, , 207-229.		9
111	Air-Breathing Visitors to Seamounts: Marine Mammals. , 0, , 230-238.		13
112	Air-Breathing Visitors to Seamounts: Sea Turtles. , 0, , 239-244.		16
113	Raiding the Larder: A Quantitative Evaluation Framework and Trophic Signature for Seamount Food Webs. , 0, , 282-295.		12
114	Modelling Seamount Ecosystems and their Fisheries. , 0, , 296-332.		3
115	Small-Scale Fishing on Seamounts. , 0, , 333-360.		10
116	Large-Scale Distant-Water Trawl Fisheries on Seamounts. , 0, , 361-399.		49
117	Impacts of Fisheries on Seamounts. , 0, , 413-441.		60
118	The Depths of Ignorance: An Ecosystem Evaluation Framework for Seamount Ecology, Fisheries and Conservation. , 0, , 476-488.		6
119	A History of Seamount Research. , 0, , 41-61.		6
120	Seamount Plankton Dynamics. , 0, , 87-100.		24
121	Corals on Seamounts. , 0, , 141-169.		76
122	Seamount Fishes: Ecology and Life Histories. , 0, , 170-188.		30
123	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