Maria Grazia Pennino

List of Publications by Year
in descending order

104	2,422	236833	276775
papers	citations	25 h-index	41 g-index

110	110	110	2674
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fishery discards and bycatch: solutions for an ecosystem approach to fisheries management?. Hydrobiologia, 2011, 670, 317-333.	1.0	156
2	A risk-based approach to cumulative effect assessments for marine management. Science of the Total Environment, 2018, 612, 1132-1140.	3.9	150
3	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
4	Predicting future invaders and future invasions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7905-7910.	3.3	102
5	Fishery-dependent and -independent data lead to consistent estimations of essential habitats. ICES Journal of Marine Science, 2016, 73, 2302-2310.	1.2	85
6	Species distribution modeling: a statistical review with focus in spatio-temporal issues. Stochastic Environmental Research and Risk Assessment, 2018, 32, 3227-3244.	1.9	71
7	Estimation and prediction of the spatial occurrence of fish species using Bayesian latent Gaussian models. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1171-1180.	1.9	70
8	Modeling sensitive elasmobranch habitats. Journal of Sea Research, 2013, 83, 209-218.	0.6	63
9	Bayesian spatio-temporal discard model in a demersal trawl fishery. Journal of Sea Research, 2014, 90, 44-53.	0.6	55
10	Accounting for preferential sampling in species distribution models. Ecology and Evolution, 2019, 9, 653-663.	0.8	53
11	Ingestion of microplastics and occurrence of parasite association in Mediterranean anchovy and sardine. Marine Pollution Bulletin, 2020, 158, 111399.	2.3	53
12	Bayesian spatio-temporal approach to identifying fish nurseries by validating persistence areas. Marine Ecology - Progress Series, 2015, 528, 245-255.	0.9	48
13	Current and Future Influence of Environmental Factors on Small Pelagic Fish Distributions in the Northwestern Mediterranean Sea. Frontiers in Marine Science, 2020, 7, .	1.2	47
14	Predicting marine species distributions: Complementarity of food-web and Bayesian hierarchical modelling approaches. Ecological Modelling, 2019, 405, 86-101.	1.2	46
15	Identifying the best fishing-suitable areas under the new European discard ban. ICES Journal of Marine Science, 2016, 73, 2479-2487.	1.2	45
16	The Quilt of Sustainable Ocean Governance: Patterns for Practitioners. Frontiers in Marine Science, 2021, 8, .	1.2	45
17	Advancing Global Ecological Modeling Capabilities to Simulate Future Trajectories of Change in Marine Ecosystems. Frontiers in Marine Science, 2020, 7, .	1.2	43
18	Predicting species distribution from fishersâ€™ local ecological knowledge: a new alternative for data-poor management. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 1423-1431.	0.7	41

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19	A spatially explicit risk assessment approach: Cetaceans and marine traffic in the Pelagos Sanctuary (Mediterranean Sea). PLoS ONE, 2017, 12, e0179686.	1.1	40
20	Identifying fish diversity hot-spots in data-poor situations. Marine Environmental Research, 2017, 129, 365-373.	1.1	36
21	Modeling sensitive parrotfish (Labridae: Scarini) habitats along the Brazilian coast. Marine Environmental Research, 2015, 110, 92-100.	1.1	34
22	Shift in tuna catches due to ocean warming. PLoS ONE, 2017, 12, e0178196.	1.1	32
23	Effect of the toxin (microcystin) content of Microcystis on copepod grazing. Harmful Algae, 2016, 52, 34-45.	2.2	29
24	Interaction between bottlenose dolphin (Tursiops truncatus) and trammel nets in the Archipelago de La Maddalena, Italy. Hydrobiologia, 2015, 747, 69-82.	1.0	28
25	A trophic latitudinal gradient revealed in anchovy and sardine from the Western Mediterranean Sea using a multi-proxy approach. Scientific Reports, 2020, 10, 17598.	1.6	27
26	Discard management: A spatial multi-criteria approach. Marine Policy, 2017, 77, 144-151.	1.5	26
27	Making spatial-temporal marine ecosystem modelling better â€“ A perspective. Environmental Modelling and Software, 2021, 145, 105209.	1.9	26
28	Environmental factors and megafauna spatioâ€temporal coâ€occurrence with purseâ€seine fisheries. Fisheries Oceanography, 2016, 25, 433-447.	0.9	24
29	Size matters: fishing less and yielding more in smaller-scale fisheries. ICES Journal of Marine Science, 2016, 73, 1494-1502.	1.2	24
30	Environmental characteristics associated with the presence of the Spinetail devil ray (Mobula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.1	24
31	Drivers of abundance and biomass of Brazilian parrotfishes. Marine Ecology - Progress Series, 2019, 623, 117-130.	0.9	24
32	Effects of vessel traffic on relative abundance and behaviour of cetaceans: the case of the bottlenose dolphins in the Archipelago de La Maddalena, north-western Mediterranean sea. Hydrobiologia, 2016, 776, 237-248.	1.0	23
33	SOS small pelagics: A safe operating space for small pelagic fish in the western Mediterranean Sea. Science of the Total Environment, 2021, 756, 144002.	3.9	23
34	Habitat modeling for cetacean management: Spatial distribution in the southern Pelagos Sanctuary (Mediterranean Sea). Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 141, 203-211.	0.6	22
35	Using a Bayesian modelling approach (INLA-SPDE) to predict the occurrence of the Spinetail Devil Ray (Mobular mobular). Scientific Reports, 2020, 10, 18822.	1.6	22
36	Multiple management strategies to control selectivity on parrotfishes harvesting. Ocean and Coastal Management, 2016, 134, 20-29.	2.0	21

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37	Trophic interactions will expand geographically but be less intense as oceans warm. Global Change Biology, 2020, 26, 6805-6812.	4.2	21
38	Postnatal pituitary and follicular activation: a revisited hypothesis in a sheep model. Reproduction, 2016, 151, 215-225.	1.1	20
39	Coral distribution and bleaching vulnerability areas in Southwestern Atlantic under ocean warming. Scientific Reports, 2021, 11, 12833.	1.6	20
40	Historical summer distribution of the endangered North Atlantic right whale (Eubalaena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T Distributions, 2015, 21, 925-937.	1.9	19
41	A spatially explicit estimate of the prewhaling abundance of the endangered North Atlantic right whale. Conservation Biology, 2016, 30, 783-791.	2.4	19
42	The Missing Layers: Integrating Sociocultural Values Into Marine Spatial Planning. Frontiers in Marine Science, 2021, 8, .	1.2	19
43	Identifying ecological barriers in marine environment: The case study of Dasyatis marianae. Marine Environmental Research, 2017, 125, 1-9.	1.1	18
44	Assessing drivers of tropical and subtropical marine fish collapses of Brazilian Exclusive Economic Zone. Science of the Total Environment, 2020, 702, 134940.	3.9	18
45	Changes in Life History Traits of Small Pelagic Fish in the Western Mediterranean Sea. Frontiers in Marine Science, 2021, 8, .	1.2	18
46	Modeling the habitat distribution of spiny dogfish (Squalus acanthias), by sex, in coastal waters of the northeastern United States. Fishery Bulletin, 2017, 115, 89-100.	0.1	18
47	A spatial multivariate approach to understand what controls species catch composition in small-scale fisheries. Fisheries Research, 2016, 175, 132-141.	0.9	17
48	The Seasonal Distribution of a Highly Commercial Fish Is Related to Ontogenetic Changes in Its Feeding Strategy. Frontiers in Marine Science, 2020, 7, .	1.2	17
49	Climate change can reduce shrimp catches in equatorial Brazil. Regional Environmental Change, 2018, 18, 223-234.	1.4	16
50	Influence of environmental factors on different life stages of European anchovy (Engraulis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td review. Regional Studies in Marine Science, 2021, 41, 101606.	0.4	16
51	Equity in science: advocating for a triple-blind review system. Trends in Ecology and Evolution, 2021, 36, 957-959.	4.2	16
52	Protecting nursery areas without fisheries management is not enough to conserve the most endangered parrotfish of the Atlantic Ocean. Scientific Reports, 2020, 10, 19143.	1.6	15
53	Assessing Foraging Tradition in Wild Bottlenose Dolphins (Tursiops truncatus). Aquatic Mammals, 2013, 39, 282-289.	0.4	14
54	Trophic niche overlap between round sardinella (Sardinella aurita) and sympatric pelagic fish species in the Western Mediterranean. Ecology and Evolution, 2021, 11, 16126-16142.	0.8	14

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55	Balancing resource protection and fishing activity: The case of the European hake in the northern Iberian Peninsula. Fisheries Oceanography, 2019, 28, 54-65.	0.9	12
56	Seasonality of spatial patterns of abundance, biomass, and biodiversity in a demersal community of the NW Mediterranean Sea. ICES Journal of Marine Science, 2020, 77, 567-580.	1.2	12
57	Spatio-Temporal Assessment of the European Hake (Merluccius merluccius) Recruits in the Northern Iberian Peninsula. Frontiers in Marine Science, 2021, 8, .	1.2	12
58	Spatial-temporal variation of the Western Mediterranean Sea biodiversity along a latitudinal gradient. Ecological Indicators, 2022, 136, 108674.	2.6	12
59	The analysis of convergence in ecological indicators: An application to the Mediterranean fisheries. Ecological Indicators, 2017, 78, 449-457.	2.6	11
60	Seasonal Distribution of Tuna and Non-tuna Species Associated With Drifting Fish Aggregating Devices (DFADs) in the Western Indian Ocean Using Fishery-Independent Data. Frontiers in Marine Science, 2020, 7, .	1.2	11
61	Small changes, big impacts: Geographic expansion in small-scale fisheries. Fisheries Research, 2020, 226, 105533.	0.9	11
62	Abundance and Distribution Patterns of Thunnus albacares in Isla del Coco National Park through Predictive Habitat Suitability Models. PLoS ONE, 2016, 11, e0168212.	1.1	11
63	Ecology of the Atlantic black skipjack Euthynnus alletteratus (Osteichthyes: Scombridae) in the western Mediterranean Sea inferred by parasitological analysis. Parasitology, 2016, 143, 1330-1339.	0.7	10
64	Searching for a compromise between biological and economic demands to protect vulnerable habitats. Scientific Reports, 2018, 8, 7791.	1.6	10
65	Modeling the distribution of thorny skate (Amblyraja radiata) in the southern Grand Banks (Newfoundland, Canada). Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 2121-2130.	0.7	10
66	Small-scale shrimp fisheries bycatch: A multi-criteria approach for data-scarse situations. Marine Policy, 2020, 116, 103613.	1.5	9
67	Modelling the spatial distribution of Sardina pilchardus and Engraulis encrasicolus spawning habitat in the NW Mediterranean Sea. Marine Environmental Research, 2021, 169, 105381.	1.1	9
68	Dealing with physical barriers in bottlenose dolphin (Tursiops truncatus) distribution. Ecological Modelling, 2019, 406, 44-49.	1.2	8
69	Effects of environmental data temporal resolution on the performance of species distribution models. Journal of Marine Systems, 2019, 189, 78-86.	0.9	8
70	Discard ban: A simulation-based approach combining hierarchical Bayesian and food web spatial models. Marine Policy, 2020, 116, 103703.	1.5	8
71	Discard practices in the gulf of Cadiz multispecies trawl fishery. Implications for the EU â€˜landing obligationâ€™. Marine Policy, 2020, 118, 104008.	1.5	8
72	A social-ecological approach to estimate fisher resilience: a case study from Brazil. Ecology and Society, 2020, 25, .	1.0	8

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73	Damage or benefit? How future scenarios of climate change may affect the distribution of small pelagic fishes in the coastal seas of the Americas. Fisheries Research, 2021, 234, 105815.	0.9	8
74	Main drivers of spatial change in the biomass of commercial species between summer and winter in the NW Mediterranean Sea. Marine Environmental Research, 2021, 164, 105227.	1.1	8
75	Modelling the effect of environmental variables on the reproductive success of Griffon Vulture (Gyps fulvus) in Sardinia, Italy. Ibis, 2022, 164, 255-266.	1.0	8
76	Illegal fishing in Isla del Coco National Park: Spatial-temporal distribution and the economic trade-offs. Marine Policy, 2020, 119, 104023.	1.5	8
77	Effects of environmental conditions and jellyfish blooms on small pelagic fish and fisheries from the Western Mediterranean Sea. Estuarine, Coastal and Shelf Science, 2022, 264, 107699.	0.9	8
78	A Hierarchical Bayesian Modeling Approach for the Habitat Distribution of Smooth Dogfish by Sex and Season in Inshore Coastal Waters of the U.S. Northwest Atlantic. Marine and Coastal Fisheries, 2018, 10, 590-605.	0.6	7
79	Comparing the distribution of tropical tuna associated with drifting fish aggregating devices (DFADs) resulting from catch dependent and independent data. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 175, 104747.	0.6	7
80	Spatio-temporal variability in the distribution pattern of anglerfish species in the Mediterranean Sea. Scientia Marina, 2019, 83, 129.	0.3	7
81	Applying length-based assessment methods to fishery resources in the Bay of Biscay and Iberian Coast ecoregion: Stock status and parameter sensitivity. Fisheries Research, 2022, 248, 106197.	0.9	7
82	Evidence for spatiotemporal shift in demersal fishery management priority areas in the western Mediterranean. Canadian Journal of Fisheries and Aquatic Sciences, 2022, 79, 1641-1654.	0.7	7
83	Bayesian analysis improves experimental studies about temporal patterning of aggression in fish. Behavioural Processes, 2017, 145, 18-26.	0.5	6
84	Integrating spatial management measures into fisheries: The Lepidorhombus spp. case study. Marine Policy, 2020, 116, 103739.	1.5	6
85	The interâ€annual fishing variability in Octopus insularis (Leite & Haimovici 2008) as a result of oceanographic factors. Fisheries Oceanography, 2021, 30, 515-526.	0.9	6
86	Parasites of the head of Scomber colias (Osteichthyes: Scombridae) from the western Mediterranean Sea. Acta Parasitologica, 2014, 59, 173-83.	0.4	5
87	The use of a spatial model of economic efficiency to predict the most likely outcomes under different fishing strategy scenarios. Marine Policy, 2021, 129, 104499.	1.5	5
88	Predictive habitat suitability models to aid the conservation of elasmobranchs in Isla del Coco National Park (Costa Rica). Journal of Marine Systems, 2021, 224, 103643.	0.9	5
89	A trophic indicators toolbox for implementing an ecosystem approach in data-poor fisheries: the Algerian and Bou-Ismail Bay examples. Scientia Marina, 2014, 78, 37-51.	0.3	5
90	Identifying persistent biomass areas: The case study of the common sole in the northern Iberian waters. Fisheries Research, 2022, 248, 106196.	0.9	5

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91	The Bias of combining variables on fishâ€™s aggressive behavior studies. Behavioural Processes, 2019, 164, 65-77.	0.5	4
92	On the Role of Perception: Understanding Stakeholdersâ€™ Collaboration in Natural Resources Management through the Evolutionary Theory of Innovation. Sustainability, 2021, 13, 3564.	1.6	4
93	Editorial: Managing for the Future: Challenges and Approaches for Disentangling the Relative Roles of Environmental Change and Fishing in Marine Ecosystems. Frontiers in Marine Science, 2021, 8, .	1.2	4
94	This is what we know: Assessing the stock status of the data-poor common sole on the Iberian coast. Estuarine, Coastal and Shelf Science, 2022, 266, 107747.	0.9	4
95	Energy content of anchovy and sardine using surrogate calorimetry methods. Marine Environmental Research, 2021, 172, 105510.	1.1	3
96	The missing whales: relevance of â€œstruck and lostâ€•rates for the impact assessment of historical whaling in the southwestern Atlantic Ocean. ICES Journal of Marine Science, 2021, 78, 14-24.	1.2	3
97	Understanding the causes of mortality and contaminant loads of stranded cetacean species in Sardinian waters (Italy) using Bayesian Hierarchical Models. Journal of Sea Research, 2022, 181, 102170.	0.6	3
98	Incorporating Biotic Information in Species Distribution Models: A Coregionalized Approach. Mathematics, 2021, 9, 417.	1.1	2
99	Supporting Spatial Management of Data-Poor, Small-Scale Fisheries With a Bayesian Approach. Frontiers in Marine Science, 2021, 8, .	1.2	2
100	Small scale habitat modeling for Commerson's dolphin (Cephalorhynchus commersonii) in northern Patagonia, Argentina. Marine Mammal Science, 2022, 38, 788-800.	0.9	1
101	Modelagem espacial bayesiana para riqueza de elasmobrÃ¢nquios do extremo sul do Brasil. Revista CEPSUL, 0, 8, e2019002.	0.0	1
102	Modelling the impacts of climate change on skipjack tuna (Katsuwonus pelamis) in the Mozambique Channel. Fisheries Oceanography, 0, , .	0.9	1
103	Editorial: Solving Complex Ocean Challenges Through Interdisciplinary Research: Advances from Early Career Marine Scientists. Frontiers in Marine Science, 2022, 9, .	1.2	1
104	Fishing Discards of Rays and Skates Rajidae in Galicia Waters. , 0, , .		0