Simon Jennings

List of Publications by Year
in descending order

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214 papers	26,858 citations	3325 91 h-index	6454 157 g-index
225 all docs	225 docs citations	225 times ranked	17022 citing authors

#	Article	IF	Citations
1	Rebuilding Global Fisheries. Science, 2009, 325, 578-585.	6.0	1,722
2	The Effects of Fishing on Marine Ecosystems. Advances in Marine Biology, 1998, , 201-352.	0.7	1,030
3	Climate change and deepening of the North Sea fish assemblage: a biotic indicator of warming seas. Journal of Applied Ecology, 2008, 45, 1029-1039.	1.9	609
4	Predicting climate-driven regime shifts versus rebound potential in coral reefs. Nature, 2015, 518, 94-97.	13.7	607
5	Dynamic fragility of oceanic coral reef ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8425-8429.	3.3	566
6	Impacts of climate change on marine ecosystem production in societies dependent on fisheries. Nature Climate Change, 2014, 4, 211-216.	8.1	434
7	Using size-based indicators to evaluate the ecosystem effects of fishing. ICES Journal of Marine Science, 2005, 62, 384-396.	1.2	423
8	Structural change in an exploited fish community: a consequence of differential fishing effects on species with contrasting life histories. Journal of Animal Ecology, 1999, 68, 617-627.	1.3	416
9	Life history correlates of responses to fisheries exploitation. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 333-339.	1.2	393
10	Modification of marine habitats by trawling activities: prognosis and solutions. Fish and Fisheries, 2002, 3, 114-136.	2.7	378
11	Global ensemble projections reveal trophic amplification of ocean biomass declines with climate change. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12907-12912.	3.3	357
12	Weak cross-species relationships between body size and trophic level belie powerful size-based trophic structuring in fish communities. Journal of Animal Ecology, 2001, 70, 934-944.	1.3	336
13	Lag Effects in the Impacts of Mass Coral Bleaching on Coral Reef Fish, Fisheries, and Ecosystems. Conservation Biology, 2007, 21, 1291-1300.	2.4	336
14	Effects of chemical lipid extraction and arithmetic lipid correction on stable isotope ratios of fish tissues. Rapid Communications in Mass Spectrometry, 2006, 20, 595-601.	0.7	328
15	Can marine fisheries and aquaculture meet fish demand from a growing human population in a changing climate?. Global Environmental Change, 2012, 22, 795-806.	3.6	322
16	Potential consequences of climate change for primary production and fish production in large marine ecosystems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2979-2989.	1.8	321
17	Current and Future Sustainability of Island Coral Reef Fisheries. Current Biology, 2007, 17, 655-658.	1.8	320
18	How does fishing alter marine populations and ecosystems sensitivity to climate?. Journal of Marine Systems, 2010, 79, 403-417.	0.9	317

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19	The trophic fingerprint of marine fisheries. Nature, 2010, 468, 431-435.	13.7	306
20	Chronic bottom trawling alters the functional composition of benthic invertebrate communities on a sea-basin scale. Marine Ecology - Progress Series, 2006, 318, 31-45.	0.9	291
21	Indicators to support an ecosystem approach to fisheries. Fish and Fisheries, 2005, 6, 212-232.	2.7	285
22	Rapid evolution of metabolic traits explains thermal adaptation in phytoplankton. Ecology Letters, 2016, 19, 133-142.	3.0	260
23	Developing reliable, repeatable, and accessible methods to provide high-resolution estimates of fishing-effort distributions from vessel monitoring system (VMS) data. ICES Journal of Marine Science, 2010, 67, 1260-1271.	1.2	259
24	Global patterns in predatorâ€“prey size relationships reveal size dependency of trophic transfer efficiency. Ecology, 2010, 91, 222-232.	1.5	252
25	Fish abundance with no fishing: predictions based on macroecological theory. Journal of Animal Ecology, 2004, 73, 632-642.	1.3	246
26	Cumulative impacts of seabed trawl disturbance on benthic biomass, production, and species richness in different habitats. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 721-736.	0.7	246
27	Approaches to defining a planetary boundary for biodiversity. Global Environmental Change, 2014, 28, 289-297.	3.6	236
28	Sensitivity of marine systems to climate and fishing: Concepts, issues and management responses. Journal of Marine Systems, 2010, 79, 427-435.	0.9	235
29	Long-term trends in the trophic structure of the North Sea fish community: evidence from stable-isotope analysis, size-spectra and community metrics. Marine Biology, 2002, 141, 1085-1097.	0.7	234
30	Global analysis of depletion and recovery of seabed biota after bottom trawling disturbance. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8301-8306.	3.3	228
31	Aquatic food security: insights into challenges and solutions from an analysis of interactions between fisheries, aquaculture, food safety, human health, fish and human welfare, economy and environment. Fish and Fisheries, 2016, 17, 893-938.	2.7	225
32	Effects of body size and environment on diet-tissue Î´15N fractionation in fishes. Journal of Experimental Marine Biology and Ecology, 2007, 340, 1-10.	0.7	224
33	Climate Warming, Marine Protected Areas and the Ocean-Scale Integrity of Coral Reef Ecosystems. PLoS ONE, 2008, 3, e3039.	1.1	220
34	Long-term changes in the trophic level of the Celtic Sea fish community and fish market price distribution. Journal of Applied Ecology, 2002, 39, 377-390.	1.9	217
35	Contribution of Fish to the Marine Inorganic Carbon Cycle. Science, 2009, 323, 359-362.	6.0	214
36	Continental Shelf-Wide Response of a Fish Assemblage to Rapid Warming of the Sea. Current Biology, 2011, 21, 1565-1570.	1.8	208

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37	Seabirds enhance coralÂreef productivity and functioning in the absence of invasive rats. Nature, 2018, 559, 250-253.	13.7	205
38	Trawling disturbance can modify benthic production processes. Journal of Animal Ecology, 2001, 70, 459-475.	1.3	204
39	Conservation benefits of marine reserves for fish populations. Animal Conservation, 2000, 3, 321-332.	1.5	203
40	Extinction vulnerability of coral reef fishes. Ecology Letters, 2011, 14, 341-348.	3.0	201
41	Methods of assessing extinction risk in marine fishes. Fish and Fisheries, 2004, 5, 255-276.	2.7	200
42	Global-scale predictions of community and ecosystem properties from simple ecological theory. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1375-1383.	1.2	200
43	How does abundance scale with body size in coupled sizeâ€structured food webs?. Journal of Animal Ecology, 2009, 78, 270-280.	1.3	198
44	Spatial variation in the 15N and 13C stable isotope composition of plants, invertebrates and fishes on Mediterranean reefs:implications for the study of trophic pathways. Marine Ecology - Progress Series, 1997, 146, 109-116.	0.9	198
45	Lifeâ€“history correlates of maximum population growth rates in marine fishes. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2229-2237.	1.2	190
46	Bottom trawl fishing footprints on the worldâ€™s continental shelves. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10275-E10282.	3.3	189
47	Abundance-body mass relationships in size-structured food webs. Ecology Letters, 2003, 6, 971-974.	3.0	185
48	Towards end-to-end models for investigating the effects of climate and fishing in marine ecosystems. Progress in Oceanography, 2007, 75, 751-770.	1.5	184
49	Use of size-based production and stable isotope analyses to predict trophic transfer efficiencies and predator-prey body mass ratios in food webs. Marine Ecology - Progress Series, 2002, 240, 11-20.	0.9	184
50	Impacts of trawling disturbance on the trophic structure of benthic invertebrate communities. Marine Ecology - Progress Series, 2001, 213, 127-142.	0.9	175
51	Linking size-based and trophic analyses of benthic community structure. Marine Ecology - Progress Series, 2002, 226, 77-85.	0.9	174
52	Patterns and prediction of population recovery in marine reserves. Reviews in Fish Biology and Fisheries, 2000, 10, 209-231.	2.4	172
53	Phase shifts and the role of herbivory in the resilience of coral reefs. Coral Reefs, 2007, 26, 641-653.	0.9	169
54	Do climate and fishing influence size-based indicators of Celtic Sea fish community structure?. ICES Journal of Marine Science, 2005, 62, 405-411.	1.2	168

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55	Predicting the Vulnerability of Tropical Reef Fishes to Exploitation with Phylogenies and Life Histories. Conservation Biology, 1999, 13, 1466-1475.	2.4	167
56	Effect of temperature and ration size on carbon and nitrogen stable isotope trophic fractionation. Functional Ecology, 2007, 21, 356-362.	1.7	163
57	Impact of a large-scale area closure on patterns of fishing disturbance and the consequences for benthic communities. ICES Journal of Marine Science, 2003, 60, 371-380.	1.2	162
58	Estimating high resolution trawl fishing effort from satellite-based vessel monitoring system data. ICES Journal of Marine Science, 2007, 64, 248-255.	1.2	161
59	Linked sustainability challenges and trade-offs among fisheries, aquaculture and agriculture. Nature Ecology and Evolution, 2017, 1, 1240-1249.	3.4	161
60	Impacts of predator depletion by fishing on the biomass and diversity of non-target reef fish communities. Coral Reefs, 1997, 16, 71-82.	0.9	160
61	Fishing effects in northeast Atlantic shelf seas: patterns in fishing effort, diversity and community structure. III. International trawling effort in the North Sea: an analysis of spatial and temporal trends. Fisheries Research, 1999, 40, 125-134.	0.9	159
62	The effects of fishing on the diversity, biomass and trophic structure of Seychellesâ€™ reef fish communities. Coral Reefs, 1995, 14, 225-235.	0.9	151
63	Twentyâ€firstâ€century climate change impacts on marine animal biomass and ecosystem structure across ocean basins. Global Change Biology, 2019, 25, 459-472.	4.2	151
64	Size-spectra as indicators of the effects of fishing on coral reef fish assemblages. Coral Reefs, 2005, 24, 118-124.	0.9	149
65	Human effects on ecological connectivity in aquatic ecosystems: Integrating scientific approaches to support management and mitigation. Science of the Total Environment, 2015, 534, 52-64.	3.9	143
66	Effects of Fishing Effort and Catch Rate Upon the Structure and Biomass of Fijian Reef Fish Communities. Journal of Applied Ecology, 1996, 33, 400.	1.9	141
67	Power of monitoring programmes to detect decline and recovery of rare and vulnerable fish. Journal of Applied Ecology, 2005, 42, 25-37.	1.9	133
68	Evaluating targets and tradeâ€offs among fisheries and conservation objectives using a multispecies size spectrum model. Journal of Applied Ecology, 2014, 51, 612-622.	1.9	130
69	Testing candidate indicators to support ecosystem-based management: the power of monitoring surveys to detect temporal trends in fish community metrics. ICES Journal of Marine Science, 2004, 61, 35-42.	1.2	129
70	Environmental correlates of large-scale spatial variation in the Î´15N of marine animals. Marine Biology, 2003, 142, 1131-1140.	0.7	126
71	Diversity and community structure of epibenthic invertebrates and fish in the North Sea. ICES Journal of Marine Science, 2002, 59, 1199-1214.	1.2	125
72	Reference points and reference directions for size-based indicators of community structure. ICES Journal of Marine Science, 2005, 62, 397-404.	1.2	125

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73	Effects of body size and environment on diet-tissue Î´13C fractionation in fishes. Journal of Experimental Marine Biology and Ecology, 2007, 352, 165-176.	0.7	123
74	Variance in isotopic signatures as a descriptor of tissue turnover and degree of omnivory. Functional Ecology, 2005, 19, 777-784.	1.7	121
75	Near-term priorities for the science, policy and practice of Coastal and Marine Spatial Planning (CMSP). Marine Policy, 2012, 36, 198-205.	1.5	120
76	A length-based multispecies model for evaluating community responses to fishing. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1344-1359.	0.7	119
77	Response of benthic fauna to experimental bottom fishing: A global metaâ€analysis. Fish and Fisheries, 2018, 19, 698-715.	2.7	117
78	A protocol for the intercomparison of marine fishery and ecosystem models: Fish-MIP v1.0. Geoscientific Model Development, 2018, 11, 1421-1442.	1.3	116
79	Tissue and fixative dependent shifts of?13C and?15N in preserved ecological material. Rapid Communications in Mass Spectrometry, 2004, 18, 2587-2592.	0.7	115
80	A size-based model of the impacts of bottom trawling on benthic community structure. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 1785-1795.	0.7	114
81	Modelling an exploited marine fish community with 15 parameters â€“ results from a simple size-based model. ICES Journal of Marine Science, 2006, 63, 1029-1044.	1.2	112
82	Ecological Networks in a Changing Climate. Advances in Ecological Research, 2010, , 71-138.	1.4	110
83	Predicting the effects of area closures and fishing effort restrictions on the production, biomass, and species richness of benthic invertebrate communities. ICES Journal of Marine Science, 2006, 63, 822-830.	1.2	107
84	Seychelles' marine protected areas: Comparative structure and status of reef fish communities. Biological Conservation, 1996, 75, 201-209.	1.9	106
85	Modelling the effects of climate change on the distribution and production of marine fishes: accounting for trophic interactions in a dynamic bioclimate envelope model. Global Change Biology, 2013, 19, 2596-2607.	4.2	106
86	A critique of methods for stock identification in marine capture fisheries. Fisheries Research, 1996, 25, 203-217.	0.9	104
87	Assessing and predicting the relative ecological impacts of disturbance on habitats with different sensitivities. Journal of Applied Ecology, 2007, 44, 405-413.	1.9	100
88	Similar effects of bottom trawling and natural disturbance on composition and function of benthic communities across habitats. Marine Ecology - Progress Series, 2015, 541, 31-43.	0.9	100
89	Response of potential fish community indicators to fishing. ICES Journal of Marine Science, 2005, 62, 214-225.	1.2	97
90	Herbivore crossâ€scale redundancy supports response diversity and promotes coral reef resilience. Journal of Applied Ecology, 2016, 53, 646-655.	1.9	96

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91	Smaller predator-prey body size ratios in longer food chains. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1413-1417.	1.2	94
92	Future fish distributions constrained by depth in warming seas. Nature Climate Change, 2015, 5, 569-573.	8.1	94
93	Implications of using alternative methods of vessel monitoring system (VMS) data analysis to describe fishing activities and impacts. ICES Journal of Marine Science, 2012, 69, 682-693.	1.2	93
94	Habitat correlates of the distribution and biomass of Seychelles' reef fishes. Environmental Biology of Fishes, 1996, 46, 15-25.	0.4	92
95	DistributionÂ–abundance relationships for North Sea Atlantic cod (Gadus morhua): observation versus theory. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 2001-2009.	0.7	92
96	Defining fishing grounds with vessel monitoring system data. ICES Journal of Marine Science, 2012, 69, 51-63.	1.2	90
97	Two-way coupling versus one-way forcing of plankton and fish models to predict ecosystem changes in the Benguela. Ecological Modelling, 2009, 220, 3089-3099.	1.2	89
98	Predicting Consumer Biomass, Size-Structure, Production, Catch Potential, Responses to Fishing and Associated Uncertainties in the Worldâ€™s Marine Ecosystems. PLoS ONE, 2015, 10, e0133794.	1.1	89
99	Developing priority variables (â€œecosystem Essential Ocean Variablesâ€•â€” eEOVs) for observing dynamics and change in Southern Ocean ecosystems. Journal of Marine Systems, 2016, 161, 26-41.	0.9	89
100	Distribution, diversity and abundance of epibenthic fauna in the North Sea. Journal of the Marine Biological Association of the United Kingdom, 1999, 79, 385-399.	0.4	87
101	Environmental correlates of large-scale spatial variation in the Î´13C of marine animals. Estuarine, Coastal and Shelf Science, 2009, 81, 368-374.	0.9	86
102	Productive instability of coral reef fisheries after climate-driven regime shifts. Nature Ecology and Evolution, 2019, 3, 183-190.	3.4	86
103	Impacts of trawling on the diversity, biomass and structure of meiofauna assemblages. Marine Biology, 2002, 140, 83-93.	0.7	85
104	Comparison of threat and exploitation status in North-East Atlantic marine populations. Journal of Applied Ecology, 2005, 42, 883-891.	1.9	84
105	Predicting the effects of climate change on marine communities and the consequences for fisheries. Journal of Marine Systems, 2010, 79, 418-426.	0.9	84
106	The origin and recruitment of bass, Dicentrarchus labrax, larvae to nursery areas. Journal of the Marine Biological Association of the United Kingdom, 1992, 72, 199-212.	0.4	82
107	Coupled energy pathways and the resilience of size-structured food webs. Theoretical Ecology, 2011, 4, 289-300.	0.4	81
108	Making modelling count - increasing the contribution of shelf-seas community and ecosystem models to policy development and management. Marine Policy, 2015, 61, 291-302.	1.5	81

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109	Evaluation and management implications of uncertainty in a multispecies sizeâ€structured model of population and community responses to fishing. Methods in Ecology and Evolution, 2015, 6, 49-58.	2.2	76
110	Gauging the impact of fishing mortality on non-target species. ICES Journal of Marine Science, 2000, 57, 689-696.	1.2	75
111	Metabolic compensation constrains the temperature dependence of gross primary production. Ecology Letters, 2017, 20, 1250-1260.	3.0	73
112	Recruitment variation related to fecundity in marine fishes. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 116-124.	0.7	72
113	Measurement of body size and abundance in tests of macroecological and food web theory. Journal of Animal Ecology, 2007, 76, 72-82.	1.3	71
114	Towards an ecosystem approach to fisheries in Europe: a perspective on existing progress and future directions. Fish and Fisheries, 2011, 12, 125-137.	2.7	71
115	Thermal stress induces persistently altered coral reef fish assemblages. Global Change Biology, 2019, 25, 2739-2750.	4.2	71
116	Transitional states in marine fisheries: adapting to predicted global change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3753-3763.	1.8	69
117	Indicators of the Ecological Impact of Bottom-Trawl Disturbance on Seabed Communities. Ecosystems, 2006, 9, 1190-1199.	1.6	67
118	Assessing bottom trawling impacts based on the longevity of benthic invertebrates. Journal of Applied Ecology, 2019, 56, 1075-1084.	1.9	66
119	Trophic levels of marine consumers from nitrogen stable isotope analysis: estimation and uncertainty. ICES Journal of Marine Science, 2015, 72, 2289-2300.	1.2	65
120	Indirect effects of bottom fishing on the productivity of marine fish. Fish and Fisheries, 2017, 18, 619-637.	2.7	65
121	Population and ecosystem effects of reef fishing. , 1996, , 193-218.		65
122	The importance of quantifying inherent variability when interpreting stable isotope field data. Oecologia, 2008, 155, 227-235.	0.9	64
123	Quantifying recovery rates and resilience of seabed habitats impacted by bottom fishing. Journal of Applied Ecology, 2014, 51, 1326-1336.	1.9	64
124	Effects of chronic trawling disturbance on the production of infaunal communities. Marine Ecology - Progress Series, 2002, 243, 251-260.	0.9	64
125	Does selective fishing conserve community biodiversity? Predictions from a length-based multispecies model. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 469-486.	0.7	63
126	Intraspecific variation in the life history tactics of Atlantic herring (Clupea harengus L.) stocks. ICES Journal of Marine Science, 1991, 48, 117-125.	1.2	61

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127	Body-size dependent temporal variations in nitrogen stable isotope ratios in food webs. Marine Ecology - Progress Series, 2008, 370, 199-206.	0.9	61
128	Biased underwater visual census biomass estimates for target-species in tropical reef fisheries. Journal of Fish Biology, 1995, 47, 733-736.	0.7	60
129	Application of risk assessment and decision analysis to the evaluation, ranking and selection of environmental remediation alternatives. Journal of Hazardous Materials, 2000, 71, 35-57.	6.5	60
130	Choosing best practices for managing impacts of trawl fishing on seabed habitats and biota. Fish and Fisheries, 2020, 21, 319-337.	2.7	60
131	Impacts of chronic trawling disturbance on meiofaunal communities. Marine Biology, 2002, 141, 991-1000.	0.7	59
132	Predicting species vulnerability with minimal data to support rapid risk assessment of fishing impacts on biodiversity. Journal of Applied Ecology, 2012, 49, 20-28.	1.9	57
133	Estimating the sustainability of towed fishingâ€gear impacts on seabed habitats: a simple quantitative risk assessment method applicable to dataâ€limited fisheries. Methods in Ecology and Evolution, 2017, 8, 472-480.	2.2	57
134	PREDATOR AND PREY BODY SIZES IN MARINE FOOD WEBS. Ecology, 2008, 89, 881-881.	1.5	56
135	Predicting marine phytoplankton community size structure from empirical relationships with remotely sensed variables. Journal of Plankton Research, 2011, 33, 13-24.	0.8	56
136	assessing the status of demersal elasmobranchs in uk waters: a review. Journal of the Marine Biological Association of the United Kingdom, 2005, 85, 1025-1047.	0.4	54
137	Quantification and prediction of the impact of fishing on epifaunal communities. Marine Ecology - Progress Series, 2011, 430, 71-86.	0.9	52
138	Comparative size and composition of yield from six Fijian reef fisheries. Journal of Fish Biology, 1995, 46, 28-46.	0.7	51
139	Stable isotopes in juvenile marine fishes and their invertebrate prey from the Thames Estuary, UK, and adjacent coastal regions. Estuarine, Coastal and Shelf Science, 2008, 77, 513-522.	0.9	50
140	The role of marine protected areas in environmental management. ICES Journal of Marine Science, 2009, 66, 16-21.	1.2	49
141	Assessing fishery footprints and the trade-offs between landings value, habitat sensitivity, and fishing impacts to inform marine spatial planning and an ecosystem approach. ICES Journal of Marine Science, 2012, 69, 1053-1063.	1.2	48
142	Modelling potential impacts of bottom trawl fisheries on soft sediment biogeochemistry in the North Seaâ€. Geochemical Transactions, 2001, 2, 112.	1.8	47
143	Threat and decline in fishes: an indicator of marine biodiversity. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1267-1275.	0.7	46
144	When push comes to shove in recreational fishing compliance, think â€˜nudgeâ€™. Marine Policy, 2018, 95, 256-266.	1.5	46

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145	The effects of capture, net retention and preservation upon lengths of larval and juvenile bass, Dicentrarchus labrax (L.). Journal of Fish Biology, 1991, 38, 349-357.	0.7	45
146	Effect of temperature, ration, body size and age on sulphur isotope fractionation in fish. Rapid Communications in Mass Spectrometry, 2007, 21, 1461-1467.	0.7	44
147	Power of monitoring surveys to detect abundance trends in depleted populations: the effects of density-dependent habitat use, patchiness, and climate change. ICES Journal of Marine Science, 2008, 65, 111-120.	1.2	44
148	Application of nitrogen stable isotope analysis in sizeâ€based marine food web and macroecological research. Rapid Communications in Mass Spectrometry, 2008, 22, 1673-1680.	0.7	43
149	Drivers and predictions of coral reef carbonate budget trajectories. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162533.	1.2	43
150	Estimating efficiency of survey and commercial trawl gears from comparisons of catch-ratios. ICES Journal of Marine Science, 2017, 74, 1448-1457.	1.2	41
151	Epibenthic diversity in the North Sea. Senckenbergiana Maritima, 2001, 31, 269-281.	0.5	36
152	Trawl impacts on the relative status of biotic communities of seabed sedimentary habitats in 24 regions worldwide. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	35
153	Comment on â€œTracking the global footprint of fisheriesâ€• Science, 2018, 361, .	6.0	33
154	The role of gear technologists in supporting an ecosystem approach to fisheries. ICES Journal of Marine Science, 2007, 64, 1525-1534.	1.2	31
155	Nematode community dynamics over an annual production cycle in the central North Sea. Marine Environmental Research, 2008, 66, 508-519.	1.1	31
156	The marine diversity spectrum. Journal of Animal Ecology, 2014, 83, 963-979.	1.3	30
157	Estimating contributions of pelagic and benthic pathways to consumer production in coupled marine food webs. Journal of Animal Ecology, 2019, 88, 405-415.	1.3	30
158	Selection of indicators for assessing and managing the impacts of bottom trawling on seabed habitats. Journal of Applied Ecology, 2020, 57, 1199-1209.	1.9	30
159	Predicting abundanceâ€“body size relationships in functional and taxonomic subsets of food webs. Oecologia, 2006, 150, 282-290.	0.9	29
160	Relationships between catch and effort in Fijian multispecies reef fisheries subject to different levels of exploitation. Fisheries Management and Ecology, 1995, 2, 89-101.	1.0	28
161	Fishing strategies, fishery development and socioeconomics in traditionally managed Fijian fishing grounds. Fisheries Management and Ecology, 1996, 3, 335-347.	1.0	28
162	Prioritization of knowledgeâ€needs to achieve best practices for bottom trawling in relation to seabed habitats. Fish and Fisheries, 2016, 17, 637-663.	2.7	28

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163	Impacts of fishing gear on marine benthic habitats.. , 2003, , 197-217.		28
164	The inshore fish assemblages of the GalÃ¡pagos archipelago. Biological Conservation, 1994, 70, 49-57.	1.9	26
165	Mesh-size matters in epibenthic surveys. Journal of the Marine Biological Association of the United Kingdom, 2002, 82, 1-8.	0.4	26
166	Reporting and advising on the effects of fishing. Fish and Fisheries, 2007, 8, 269-276.	2.7	26
167	Use of morphological characteristics to define functional groups of predatory fishes in the Celtic Sea. Journal of Fish Biology, 2013, 83, 355-377.	0.7	26
168	The ecosystem approach to fisheries: management at the dynamic interface between biodiversity conservation and sustainable use. Annals of the New York Academy of Sciences, 2014, 1322, 48-60.	1.8	26
169	Trawl fishing impacts on the status of seabed fauna in diverse regions of the globe. Fish and Fisheries, 2021, 22, 72-86.	2.7	26
170	The Age Structure and Growth Dynamics of Young-Of-The-Year Bass, Dicentrarchus Labrax, Populations. Journal of the Marine Biological Association of the United Kingdom, 1991, 71, 799-810.	0.4	25
171	Investigating the effects of mobile bottom fishing on benthic biota: a systematic review protocol. Environmental Evidence, 2014, 3, 23.	1.1	25
172	Assessing fishery and ecological consequences of alternate management options for multispecies fisheries. ICES Journal of Marine Science, 2016, 73, 1503-1512.	1.2	25
173	Risks and benefits of catching pretty good yield in multispecies mixed fisheries. ICES Journal of Marine Science, 2017, 74, 2097-2106.	1.2	25
174	The effects of fishing on the diversity, biomass and trophic structure of Seychelles? reef fish communities. Coral Reefs, 1995, 14, 225-235.	0.9	25
175	Predicted Effects of Behavioural Movement and Passive Transport on Individual Growth and Community Size Structure in Marine Ecosystems. Advances in Ecological Research, 2011, , 41-66.	1.4	24
176	The impact of the â€˜Sea Empressâ€™ oil spill on seabass recruitment. Marine Pollution Bulletin, 1998, 36, 677-688.	2.3	22
177	Implications of scaled Î´¹⁵N fractionation for community predatorâ€“prey body mass ratio estimates in sizeâ€structured food webs. Journal of Animal Ecology, 2015, 84, 1618-1627.	1.3	22
178	Canadaâ€™s international and national commitments to sustain marine biodiversity¹This manuscript is a companion paper to Hutchings et al. (doi:10.1139/a2012-011) and Hutchings et al. (doi:10.1139/er-2012-0049) also appearing in this issue. These three papers comprise an edited version of a February 2012 Royal Society of Canada Expert Panel Report.. Environmental Reviews, 2012, 20, 312-352.	2.1	21
179	The development of bass, Dicentrarchus labrax, eggs in relation to temperature. Journal of the Marine Biological Association of the United Kingdom, 1991, 71, 107-116.	0.4	20
180	The birds and the seas: body size reconciles differences in the abundanceâ€“occupancy relationship across marine and terrestrial vertebrates. Oikos, 2011, 120, 537-549.	1.2	20

#	Article	IF	Citations
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182	Is Canada fulfilling its obligations to sustain marine biodiversity? A summary review, conclusions, and recommendations 1This manuscript is a companion paper to Hutchings et al. (doi:10.1139/a2012-011) and VanderZwaag et al. (doi:10.1139/a2012-013) also appearing in this issue. These three papers comprise an edited version of a February 2012 Royal Society of Canada Expert Panel Report.. Environmental Reviews, 2012, 20, 353-361.	2.1	20
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