

# Simon Jennings

## List of Publications by Year in descending order

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215  
papers

26,858  
citations

3334

91  
h-index

6471

157  
g-index

225  
all docs

225  
docs citations

225  
times ranked

17022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rebuilding Global Fisheries. <i>Science</i> , 2009, 325, 578-585.	12.6	1,722
2	The Effects of Fishing on Marine Ecosystems. <i>Advances in Marine Biology</i> , 1998, , 201-352.	1.4	1,030
3	Climate change and deepening of the North Sea fish assemblage: a biotic indicator of warming seas. <i>Journal of Applied Ecology</i> , 2008, 45, 1029-1039.	4.0	609
4	Predicting climate-driven regime shifts versus rebound potential in coral reefs. <i>Nature</i> , 2015, 518, 94-97.	27.8	607
5	Dynamic fragility of oceanic coral reef ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8425-8429.	7.1	566
6	Impacts of climate change on marine ecosystem production in societies dependent on fisheries. <i>Nature Climate Change</i> , 2014, 4, 211-216.	18.8	434
7	Using size-based indicators to evaluate the ecosystem effects of fishing. <i>ICES Journal of Marine Science</i> , 2005, 62, 384-396.	2.5	423
8	Structural change in an exploited fish community: a consequence of differential fishing effects on species with contrasting life histories. <i>Journal of Animal Ecology</i> , 1999, 68, 617-627.	2.8	416
9	Life history correlates of responses to fisheries exploitation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 333-339.	2.6	393
10	Modification of marine habitats by trawling activities: prognosis and solutions. <i>Fish and Fisheries</i> , 2002, 3, 114-136.	5.3	378
11	Global ensemble projections reveal trophic amplification of ocean biomass declines with climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12907-12912.	7.1	357
12	Weak cross-species relationships between body size and trophic level belie powerful size-based trophic structuring in fish communities. <i>Journal of Animal Ecology</i> , 2001, 70, 934-944.	2.8	336
13	Lag Effects in the Impacts of Mass Coral Bleaching on Coral Reef Fish, Fisheries, and Ecosystems. <i>Conservation Biology</i> , 2007, 21, 1291-1300.	4.7	336
14	Effects of chemical lipid extraction and arithmetic lipid correction on stable isotope ratios of fish tissues. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 595-601.	1.5	328
15	Can marine fisheries and aquaculture meet fish demand from a growing human population in a changing climate?. <i>Global Environmental Change</i> , 2012, 22, 795-806.	7.8	322
16	Potential consequences of climate change for primary production and fish production in large marine ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2979-2989.	4.0	321
17	Current and Future Sustainability of Island Coral Reef Fisheries. <i>Current Biology</i> , 2007, 17, 655-658.	3.9	320
18	How does fishing alter marine populations and ecosystems sensitivity to climate?. <i>Journal of Marine Systems</i> , 2010, 79, 403-417.	2.1	317

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19	The trophic fingerprint of marine fisheries. <i>Nature</i> , 2010, 468, 431-435.	27.8	306
20	Chronic bottom trawling alters the functional composition of benthic invertebrate communities on a sea-basin scale. <i>Marine Ecology - Progress Series</i> , 2006, 318, 31-45.	1.9	291
21	Indicators to support an ecosystem approach to fisheries. <i>Fish and Fisheries</i> , 2005, 6, 212-232.	5.3	285
22	Rapid evolution of metabolic traits explains thermal adaptation in phytoplankton. <i>Ecology Letters</i> , 2016, 19, 133-142.	6.4	260
23	Developing reliable, repeatable, and accessible methods to provide high-resolution estimates of fishing-effort distributions from vessel monitoring system (VMS) data. <i>ICES Journal of Marine Science</i> , 2010, 67, 1260-1271.	2.5	259
24	Global patterns in predator-prey size relationships reveal size dependency of trophic transfer efficiency. <i>Ecology</i> , 2010, 91, 222-232.	3.2	252
25	Fish abundance with no fishing: predictions based on macroecological theory. <i>Journal of Animal Ecology</i> , 2004, 73, 632-642.	2.8	246
26	Cumulative impacts of seabed trawl disturbance on benthic biomass, production, and species richness in different habitats. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 721-736.	1.4	246
27	Approaches to defining a planetary boundary for biodiversity. <i>Global Environmental Change</i> , 2014, 28, 289-297.	7.8	236
28	Sensitivity of marine systems to climate and fishing: Concepts, issues and management responses. <i>Journal of Marine Systems</i> , 2010, 79, 427-435.	2.1	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. <i>Marine Biology</i> , 2002, 141, 1085-1097.	1.5	234
30	Global analysis of depletion and recovery of seabed biota after bottom trawling disturbance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8301-8306.	7.1	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. <i>Fish and Fisheries</i> , 2016, 17, 893-938.	5.3	225
32	Effects of body size and environment on diet-tissue $\delta^{15}\text{N}$ fractionation in fishes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 340, 1-10.	1.5	224
33	Climate Warming, Marine Protected Areas and the Ocean-Scale Integrity of Coral Reef Ecosystems. <i>PLoS ONE</i> , 2008, 3, e3039.	2.5	220
34	Long-term changes in the trophic level of the Celtic Sea fish community and fish market price distribution. <i>Journal of Applied Ecology</i> , 2002, 39, 377-390.	4.0	217
35	Contribution of Fish to the Marine Inorganic Carbon Cycle. <i>Science</i> , 2009, 323, 359-362.	12.6	214
36	Continental Shelf-Wide Response of a Fish Assemblage to Rapid Warming of the Sea. <i>Current Biology</i> , 2011, 21, 1565-1570.	3.9	208

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37	Seabirds enhance coral reef productivity and functioning in the absence of invasive rats. <i>Nature</i> , 2018, 559, 250-253.	27.8	205
38	Trawling disturbance can modify benthic production processes. <i>Journal of Animal Ecology</i> , 2001, 70, 459-475.	2.8	204
39	Conservation benefits of marine reserves for fish populations. <i>Animal Conservation</i> , 2000, 3, 321-332.	2.9	203
40	Extinction vulnerability of coral reef fishes. <i>Ecology Letters</i> , 2011, 14, 341-348.	6.4	201
41	Methods of assessing extinction risk in marine fishes. <i>Fish and Fisheries</i> , 2004, 5, 255-276.	5.3	200
42	Global-scale predictions of community and ecosystem properties from simple ecological theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1375-1383.	2.6	200
43	How does abundance scale with body size in coupled size-structured food webs?. <i>Journal of Animal Ecology</i> , 2009, 78, 270-280.	2.8	198
44	Spatial variation in the $^{15}\text{N}$ and $^{13}\text{C}$ stable isotope composition of plants, invertebrates and fishes on Mediterranean reefs: implications for the study of trophic pathways. <i>Marine Ecology - Progress Series</i> , 1997, 146, 109-116.	1.9	198
45	Life history correlates of maximum population growth rates in marine fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2229-2237.	2.6	190
46	Bottom trawl fishing footprints on the world's continental shelves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10275-E10282.	7.1	189
47	Abundance-body mass relationships in size-structured food webs. <i>Ecology Letters</i> , 2003, 6, 971-974.	6.4	185
48	Towards end-to-end models for investigating the effects of climate and fishing in marine ecosystems. <i>Progress in Oceanography</i> , 2007, 75, 751-770.	3.2	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. <i>Marine Ecology - Progress Series</i> , 2002, 240, 11-20.	1.9	184
50	Impacts of trawling disturbance on the trophic structure of benthic invertebrate communities. <i>Marine Ecology - Progress Series</i> , 2001, 213, 127-142.	1.9	175
51	Linking size-based and trophic analyses of benthic community structure. <i>Marine Ecology - Progress Series</i> , 2002, 226, 77-85.	1.9	174
52	Patterns and prediction of population recovery in marine reserves. <i>Reviews in Fish Biology and Fisheries</i> , 2000, 10, 209-231.	4.9	172
53	Phase shifts and the role of herbivory in the resilience of coral reefs. <i>Coral Reefs</i> , 2007, 26, 641-653.	2.2	169
54	Do climate and fishing influence size-based indicators of Celtic Sea fish community structure?. <i>ICES Journal of Marine Science</i> , 2005, 62, 405-411.	2.5	168

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55	Predicting the Vulnerability of Tropical Reef Fishes to Exploitation with Phylogenies and Life Histories. <i>Conservation Biology</i> , 1999, 13, 1466-1475.	4.7	167
56	Effect of temperature and ration size on carbon and nitrogen stable isotope trophic fractionation. <i>Functional Ecology</i> , 2007, 21, 356-362.	3.6	163
57	Impact of a large-scale area closure on patterns of fishing disturbance and the consequences for benthic communities. <i>ICES Journal of Marine Science</i> , 2003, 60, 371-380.	2.5	162
58	Estimating high resolution trawl fishing effort from satellite-based vessel monitoring system data. <i>ICES Journal of Marine Science</i> , 2007, 64, 248-255.	2.5	161
59	Linked sustainability challenges and trade-offs among fisheries, aquaculture and agriculture. <i>Nature Ecology and Evolution</i> , 2017, 1, 1240-1249.	7.8	161
60	Impacts of predator depletion by fishing on the biomass and diversity of non-target reef fish communities. <i>Coral Reefs</i> , 1997, 16, 71-82.	2.2	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. <i>Fisheries Research</i> , 1999, 40, 125-134.	1.7	159
62	The effects of fishing on the diversity, biomass and trophic structure of Seychellesâ€™ reef fish communities. <i>Coral Reefs</i> , 1995, 14, 225-235.	2.2	151
63	Twenty-first-century climate change impacts on marine animal biomass and ecosystem structure across ocean basins. <i>Global Change Biology</i> , 2019, 25, 459-472.	9.5	151
64	Size-spectra as indicators of the effects of fishing on coral reef fish assemblages. <i>Coral Reefs</i> , 2005, 24, 118-124.	2.2	149
65	Human effects on ecological connectivity in aquatic ecosystems: Integrating scientific approaches to support management and mitigation. <i>Science of the Total Environment</i> , 2015, 534, 52-64.	8.0	143
66	Effects of Fishing Effort and Catch Rate Upon the Structure and Biomass of Fijian Reef Fish Communities. <i>Journal of Applied Ecology</i> , 1996, 33, 400.	4.0	141
67	Power of monitoring programmes to detect decline and recovery of rare and vulnerable fish. <i>Journal of Applied Ecology</i> , 2005, 42, 25-37.	4.0	133
68	Evaluating targets and trade-offs among fisheries and conservation objectives using a multispecies size spectrum model. <i>Journal of Applied Ecology</i> , 2014, 51, 612-622.	4.0	130
69	Testing candidate indicators to support ecosystem-based management: the power of monitoring surveys to detect temporal trends in fish community metrics. <i>ICES Journal of Marine Science</i> , 2004, 61, 35-42.	2.5	129
70	Environmental correlates of large-scale spatial variation in the $\delta^{15}N$ of marine animals. <i>Marine Biology</i> , 2003, 142, 1131-1140.	1.5	126
71	Diversity and community structure of epibenthic invertebrates and fish in the North Sea. <i>ICES Journal of Marine Science</i> , 2002, 59, 1199-1214.	2.5	125
72	Reference points and reference directions for size-based indicators of community structure. <i>ICES Journal of Marine Science</i> , 2005, 62, 397-404.	2.5	125

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73	Effects of body size and environment on diet-tissue $\delta^{13}\text{C}$ fractionation in fishes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 352, 165-176.	1.5	123
74	Variance in isotopic signatures as a descriptor of tissue turnover and degree of omnivory. <i>Functional Ecology</i> , 2005, 19, 777-784.	3.6	121
75	Near-term priorities for the science, policy and practice of Coastal and Marine Spatial Planning (CMSP). <i>Marine Policy</i> , 2012, 36, 198-205.	3.2	120
76	A length-based multispecies model for evaluating community responses to fishing. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1344-1359.	1.4	119
77	Response of benthic fauna to experimental bottom fishing: A global meta-analysis. <i>Fish and Fisheries</i> , 2018, 19, 698-715.	5.3	117
78	A protocol for the intercomparison of marine fishery and ecosystem models: Fish-MIP v1.0. <i>Geoscientific Model Development</i> , 2018, 11, 1421-1442.	3.6	116
79	Tissue and fixative dependent shifts of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in preserved ecological material. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2587-2592.	1.5	115
80	A size-based model of the impacts of bottom trawling on benthic community structure. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 1785-1795.	1.4	114
81	Modelling an exploited marine fish community with 15 parameters – results from a simple size-based model. <i>ICES Journal of Marine Science</i> , 2006, 63, 1029-1044.	2.5	112
82	Ecological Networks in a Changing Climate. <i>Advances in Ecological Research</i> , 2010, , 71-138.	2.7	110
83	Predicting the effects of area closures and fishing effort restrictions on the production, biomass, and species richness of benthic invertebrate communities. <i>ICES Journal of Marine Science</i> , 2006, 63, 822-830.	2.5	107
84	Seychelles' marine protected areas: Comparative structure and status of reef fish communities. <i>Biological Conservation</i> , 1996, 75, 201-209.	4.1	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. <i>Global Change Biology</i> , 2013, 19, 2596-2607.	9.5	106
86	A critique of methods for stock identification in marine capture fisheries. <i>Fisheries Research</i> , 1996, 25, 203-217.	1.7	104
87	Assessing and predicting the relative ecological impacts of disturbance on habitats with different sensitivities. <i>Journal of Applied Ecology</i> , 2007, 44, 405-413.	4.0	100
88	Similar effects of bottom trawling and natural disturbance on composition and function of benthic communities across habitats. <i>Marine Ecology - Progress Series</i> , 2015, 541, 31-43.	1.9	100
89	Response of potential fish community indicators to fishing. <i>ICES Journal of Marine Science</i> , 2005, 62, 214-225.	2.5	97
90	Herbivore cross-scale redundancy supports response diversity and promotes coral reef resilience. <i>Journal of Applied Ecology</i> , 2016, 53, 646-655.	4.0	96

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91	Smaller predator-prey body size ratios in longer food chains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1413-1417.	2.6	94
92	Future fish distributions constrained by depth in warming seas. <i>Nature Climate Change</i> , 2015, 5, 569-573.	18.8	94
93	Implications of using alternative methods of vessel monitoring system (VMS) data analysis to describe fishing activities and impacts. <i>ICES Journal of Marine Science</i> , 2012, 69, 682-693.	2.5	93
94	Habitat correlates of the distribution and biomass of Seychelles' reef fishes. <i>Environmental Biology of Fishes</i> , 1996, 46, 15-25.	1.0	92
95	Distribution–abundance relationships for North Sea Atlantic cod ( <i>Gadus morhua</i> ): observation versus theory. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 2001-2009.	1.4	92
96	Defining fishing grounds with vessel monitoring system data. <i>ICES Journal of Marine Science</i> , 2012, 69, 51-63.	2.5	90
97	Two-way coupling versus one-way forcing of plankton and fish models to predict ecosystem changes in the Benguela. <i>Ecological Modelling</i> , 2009, 220, 3089-3099.	2.5	89
98	Predicting Consumer Biomass, Size-Structure, Production, Catch Potential, Responses to Fishing and Associated Uncertainties in the World's Marine Ecosystems. <i>PLoS ONE</i> , 2015, 10, e0133794.	2.5	89
99	Developing priority variables (‘‘ecosystem Essential Ocean Variables’’ eEOVs) for observing dynamics and change in Southern Ocean ecosystems. <i>Journal of Marine Systems</i> , 2016, 161, 26-41.	2.1	89
100	Distribution, diversity and abundance of epibenthic fauna in the North Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1999, 79, 385-399.	0.8	87
101	Environmental correlates of large-scale spatial variation in the $\delta^{13}C$ of marine animals. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 81, 368-374.	2.1	86
102	Productive instability of coral reef fisheries after climate-driven regime shifts. <i>Nature Ecology and Evolution</i> , 2019, 3, 183-190.	7.8	86
103	Impacts of trawling on the diversity, biomass and structure of meiofauna assemblages. <i>Marine Biology</i> , 2002, 140, 83-93.	1.5	85
104	Comparison of threat and exploitation status in North-East Atlantic marine populations. <i>Journal of Applied Ecology</i> , 2005, 42, 883-891.	4.0	84
105	Predicting the effects of climate change on marine communities and the consequences for fisheries. <i>Journal of Marine Systems</i> , 2010, 79, 418-426.	2.1	84
106	The origin and recruitment of bass, <i>Dicentrarchus labrax</i> , larvae to nursery areas. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1992, 72, 199-212.	0.8	82
107	Coupled energy pathways and the resilience of size-structured food webs. <i>Theoretical Ecology</i> , 2011, 4, 289-300.	1.0	81
108	Making modelling count - increasing the contribution of shelf-seas community and ecosystem models to policy development and management. <i>Marine Policy</i> , 2015, 61, 291-302.	3.2	81

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109	Evaluation and management implications of uncertainty in a multispecies size-structured model of population and community responses to fishing. <i>Methods in Ecology and Evolution</i> , 2015, 6, 49-58.	5.2	76
110	Gauging the impact of fishing mortality on non-target species. <i>ICES Journal of Marine Science</i> , 2000, 57, 689-696.	2.5	75
111	Metabolic compensation constrains the temperature dependence of gross primary production. <i>Ecology Letters</i> , 2017, 20, 1250-1260.	6.4	73
112	Recruitment variation related to fecundity in marine fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 116-124.	1.4	72
113	Measurement of body size and abundance in tests of macroecological and food web theory. <i>Journal of Animal Ecology</i> , 2007, 76, 72-82.	2.8	71
114	Towards an ecosystem approach to fisheries in Europe: a perspective on existing progress and future directions. <i>Fish and Fisheries</i> , 2011, 12, 125-137.	5.3	71
115	Thermal stress induces persistently altered coral reef fish assemblages. <i>Global Change Biology</i> , 2019, 25, 2739-2750.	9.5	71
116	Transitional states in marine fisheries: adapting to predicted global change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3753-3763.	4.0	69
117	Indicators of the Ecological Impact of Bottom-Trawl Disturbance on Seabed Communities. <i>Ecosystems</i> , 2006, 9, 1190-1199.	3.4	67
118	Assessing bottom trawling impacts based on the longevity of benthic invertebrates. <i>Journal of Applied Ecology</i> , 2019, 56, 1075-1084.	4.0	66
119	Trophic levels of marine consumers from nitrogen stable isotope analysis: estimation and uncertainty. <i>ICES Journal of Marine Science</i> , 2015, 72, 2289-2300.	2.5	65
120	Indirect effects of bottom fishing on the productivity of marine fish. <i>Fish and Fisheries</i> , 2017, 18, 619-637.	5.3	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. <i>Oecologia</i> , 2008, 155, 227-235.	2.0	64
123	Quantifying recovery rates and resilience of seabed habitats impacted by bottom fishing. <i>Journal of Applied Ecology</i> , 2014, 51, 1326-1336.	4.0	64
124	Effects of chronic trawling disturbance on the production of infaunal communities. <i>Marine Ecology - Progress Series</i> , 2002, 243, 251-260.	1.9	64
125	Does selective fishing conserve community biodiversity? Predictions from a length-based multispecies model. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 469-486.	1.4	63
126	Intraspecific variation in the life history tactics of Atlantic herring ( <i>Clupea harengus</i> L.) stocks. <i>ICES Journal of Marine Science</i> , 1991, 48, 117-125.	2.5	61

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127	Body-size dependent temporal variations in nitrogen stable isotope ratios in food webs. <i>Marine Ecology - Progress Series</i> , 2008, 370, 199-206.	1.9	61
128	Biased underwater visual census biomass estimates for target-species in tropical reef fisheries. <i>Journal of Fish Biology</i> , 1995, 47, 733-736.	1.6	60
129	Application of risk assessment and decision analysis to the evaluation, ranking and selection of environmental remediation alternatives. <i>Journal of Hazardous Materials</i> , 2000, 71, 35-57.	12.4	60
130	Choosing best practices for managing impacts of trawl fishing on seabed habitats and biota. <i>Fish and Fisheries</i> , 2020, 21, 319-337.	5.3	60
131	Impacts of chronic trawling disturbance on meiofaunal communities. <i>Marine Biology</i> , 2002, 141, 991-1000.	1.5	59
132	Predicting species vulnerability with minimal data to support rapid risk assessment of fishing impacts on biodiversity. <i>Journal of Applied Ecology</i> , 2012, 49, 20-28.	4.0	57
133	Estimating the sustainability of towed fishing gear impacts on seabed habitats: a simple quantitative risk assessment method applicable to data-limited fisheries. <i>Methods in Ecology and Evolution</i> , 2017, 8, 472-480.	5.2	57
134	PREDATOR AND PREY BODY SIZES IN MARINE FOOD WEBS. <i>Ecology</i> , 2008, 89, 881-881.	3.2	56
135	Predicting marine phytoplankton community size structure from empirical relationships with remotely sensed variables. <i>Journal of Plankton Research</i> , 2011, 33, 13-24.	1.8	56
136	assessing the status of demersal elasmobranchs in uk waters: a review. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1025-1047.	0.8	54
137	Quantification and prediction of the impact of fishing on epifaunal communities. <i>Marine Ecology - Progress Series</i> , 2011, 430, 71-86.	1.9	52
138	Comparative size and composition of yield from six Fijian reef fisheries. <i>Journal of Fish Biology</i> , 1995, 46, 28-46.	1.6	51
139	Stable isotopes in juvenile marine fishes and their invertebrate prey from the Thames Estuary, UK, and adjacent coastal regions. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 513-522.	2.1	50
140	The role of marine protected areas in environmental management. <i>ICES Journal of Marine Science</i> , 2009, 66, 16-21.	2.5	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. <i>ICES Journal of Marine Science</i> , 2012, 69, 1053-1063.	2.5	48
142	Modelling potential impacts of bottom trawl fisheries on soft sediment biogeochemistry in the North Sea. <i>Geochemical Transactions</i> , 2001, 2, 112.	0.7	47
143	Threat and decline in fishes: an indicator of marine biodiversity. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1267-1275.	1.4	46
144	When push comes to shove in recreational fishing compliance, think "nudge"™. <i>Marine Policy</i> , 2018, 95, 256-266.	3.2	46

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145	The effects of capture, net retention and preservation upon lengths of larval and juvenile bass, <i>Dicentrarchus labrax</i> (L.). <i>Journal of Fish Biology</i> , 1991, 38, 349-357.	1.6	45
146	Effect of temperature, ration, body size and age on sulphur isotope fractionation in fish. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1461-1467.	1.5	44
147	Power of monitoring surveys to detect abundance trends in depleted populations: the effects of density-dependent habitat use, patchiness, and climate change. <i>ICES Journal of Marine Science</i> , 2008, 65, 111-120.	2.5	44
148	Application of nitrogen stable isotope analysis in size-based marine food web and macroecological research. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1673-1680.	1.5	43
149	Drivers and predictions of coral reef carbonate budget trajectories. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162533.	2.6	43
150	Estimating efficiency of survey and commercial trawl gears from comparisons of catch-ratios. <i>ICES Journal of Marine Science</i> , 2017, 74, 1448-1457.	2.5	41
151	Epibenthic diversity in the North Sea. <i>Senckenbergiana Maritima</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	35
153	Comment on "Tracking the global footprint of fisheries". <i>Science</i> , 2018, 361, .	12.6	33
154	The role of gear technologists in supporting an ecosystem approach to fisheries. <i>ICES Journal of Marine Science</i> , 2007, 64, 1525-1534.	2.5	31
155	Nematode community dynamics over an annual production cycle in the central North Sea. <i>Marine Environmental Research</i> , 2008, 66, 508-519.	2.5	31
156	The marine diversity spectrum. <i>Journal of Animal Ecology</i> , 2014, 83, 963-979.	2.8	30
157	Estimating contributions of pelagic and benthic pathways to consumer production in coupled marine food webs. <i>Journal of Animal Ecology</i> , 2019, 88, 405-415.	2.8	30
158	Selection of indicators for assessing and managing the impacts of bottom trawling on seabed habitats. <i>Journal of Applied Ecology</i> , 2020, 57, 1199-1209.	4.0	30
159	Predicting abundance-body size relationships in functional and taxonomic subsets of food webs. <i>Oecologia</i> , 2006, 150, 282-290.	2.0	29
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170	The Age Structure and Growth Dynamics of Young-Of-The-Year Bass, <i>Dicentrarchus Labrax</i> , Populations. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1991, 71, 799-810.	0.8	25
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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.	4.5	20
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