

David G Reid

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,386
citations

201674

27
h-index

233421

45
g-index

76
all docs

76
docs citations

76
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic seabed classification: current practice and future directions. ICES Journal of Marine Science, 2008, 65, 1004-1011.	2.5	198
2	Carapace Colour, Inter-moult Duration and the Behavioural and Physiological Ecology of the Shore Crab <i>Carcinus maenas</i> . Estuarine, Coastal and Shelf Science, 1997, 44, 203-211.	2.1	98
3	Review of climate change impacts on marine fish and shellfish around the UK and Ireland. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 337-367.	2.0	98
4	An increase in the abundance of anchovies and sardines in the north-western North Sea since 1995. Global Change Biology, 2004, 10, 1209-1213.	9.5	94
5	An assessment of the acoustic survey technique, RoxAnn, as a means of mapping seabed habitat. ICES Journal of Marine Science, 1997, 54, 939-959.	2.5	85
6	Chelal morphometry, prey-size selection and aggressive competition in green and red forms of <i>Carcinus maenas</i> (L.). Journal of Experimental Marine Biology and Ecology, 1990, 140, 121-134.	1.5	76
7	Egg and larval distributions of seven fish species in north-east Atlantic waters. Fisheries Oceanography, 2007, 16, 284-293.	1.7	72
8	Standard protocols for the analysis of school based data from echo sounder surveys. Fisheries Research, 2000, 47, 125-136.	1.7	66
9	Combining Ecosystem and Single-Species Modeling to Provide Ecosystem-Based Fisheries Management Advice Within Current Management Systems. Frontiers in Marine Science, 2021, 7, .	2.5	65
10	Food for thought: pretty good multispecies yield. ICES Journal of Marine Science, 2017, 74, 475-486.	2.5	63
11	On the relation between schools, clusters of schools, and abundance in pelagic fish stocks. ICES Journal of Marine Science, 2001, 58, 1150-1160.	2.5	58
12	Interpreting the large fish indicator for the Celtic Sea. ICES Journal of Marine Science, 2011, 68, 1963-1972.	2.5	54
13	Size-selective fishing drives species composition in the Celtic Sea. ICES Journal of Marine Science, 2012, 69, 223-234.	2.5	46
14	Review of technological advances for the study of fish behaviour in relation to demersal fishing trawls. ICES Journal of Marine Science, 2004, 61, 1036-1043.	2.5	44
15	Assessing the sensitivity and specificity of fish community indicators to management action. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1065-1079.	1.4	44
16	Can bottom trawling indirectly diminish carrying capacity in a marine ecosystem?. Marine Biology, 2010, 157, 2375-2381.	1.5	43
17	Cross-shelf processes north of Scotland in relation to the southerly migration of Western mackerel. ICES Journal of Marine Science, 1997, 54, 168-178.	2.5	40
18	Why the size structure of marine communities can require decades to recover from fishing. Marine Ecology - Progress Series, 2013, 484, 155-171.	1.9	38

#	ARTICLE	IF	CITATIONS
19	Using survey data independently from commercial data in stock assessment: an example using haddock in ICES Division VIa. ICES Journal of Marine Science, 2005, 62, 996-1005.	2.5	36
20	Impact of biodiversity loss on production in complex marine food webs mitigated by prey-release. Nature Communications, 2015, 6, 6657.	12.8	34
21	Modelling Spatio-Temporal Effects of Environment on Atlantic Herring, <i>Clupea harengus</i> . Environmental Biology of Fishes, 2000, 58, 157-172.	1.0	33
22	Investigating spatio-temporal change in spawning activity by Atlantic mackerel between 1977 and 1998 using generalized additive models. ICES Journal of Marine Science, 2002, 59, 711-724.	2.5	33
23	Making progress towards integration of existing sampling activities to establish Joint Monitoring Programmes in support of the MSFD. Marine Policy, 2015, 59, 105-111.	3.2	33
24	False-negative detections from environmental DNA collected in the presence of large numbers of killer whales (<i>Orcinus orca</i>). Environmental DNA, 2019, 1, 316-328.	5.8	32
25	An unintended experiment in fisheries science: a marine area protected by war results in Mexican waves in fish numbers-at-age. Die Naturwissenschaften, 2010, 97, 797-808.	1.6	31
26	Emerging asymmetric interactions between forage and predator fisheries impose management trade-offs. Journal of Fish Biology, 2013, 83, 890-904.	1.6	31
27	Red mullet migration into the northern North Sea during late winter. Journal of Sea Research, 2005, 53, 205-212.	1.6	30
28	Recent data suggest no further recovery in North Sea Large Fish Indicator. ICES Journal of Marine Science, 2012, 69, 235-239.	2.5	30
29	A risk-based approach to rapidly screen vulnerability of cetaceans to impacts from fisheries bycatch. Biological Conservation, 2013, 168, 78-87.	4.1	29
30	21st century fisheries management: a spatio-temporally explicit tariff-based approach combining multiple drivers and incentivising responsible fishing. ICES Journal of Marine Science, 2012, 69, 590-601.	2.5	28
31	Selective fishing and balanced harvesting. Fisheries Research, 2016, 184, 2-8.	1.7	28
32	Spatial patterns of whiting abundance in Scottish waters and relationships with environmental variables. Fisheries Research, 2001, 50, 259-270.	1.7	27
33	Spatial Heterogeneity in Fishing Creates de facto Refugia for Endangered Celtic Sea Elasmobranchs. PLoS ONE, 2012, 7, e49307.	2.5	27
34	Assessing the state of pelagic fish communities within an ecosystem approach and the European Marine Strategy Framework Directive. ICES Journal of Marine Science, 2014, 71, 1572-1585.	2.5	27
35	Opportunistic sightings of killer whales from Scottish pelagic trawlers fishing for mackerel and herring off North Scotland (UK) between 2000 and 2006. Aquatic Living Resources, 2006, 19, 403-410.	1.2	26
36	Spatial and temporal distribution of spawning aggregations of blue ling (<i>Molva dypterygia</i>) west and northwest of the British Isles. ICES Journal of Marine Science, 2010, 67, 494-501.	2.5	26

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37	Modelling abundance hotspots for data-poor Irish Sea rays. <i>Ecological Modelling</i> , 2015, 312, 77-90.	2.5	26
38	Implementing balanced harvesting: practical challenges and other implications. <i>ICES Journal of Marine Science</i> , 2016, 73, 1690-1696.	2.5	26
39	Integrated ecosystem analysis in Irish waters; Providing the context for ecosystem-based fisheries management. <i>Fisheries Research</i> , 2019, 209, 218-229.	1.7	26
40	Gbm.auto: A software tool to simplify spatial modelling and Marine Protected Area planning. <i>PLoS ONE</i> , 2017, 12, e0188955.	2.5	26
41	Refining Fisheries Advice With Stock-Specific Ecosystem Information. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	24
42	Ignoring discards biases the assessment of fisheries' ecological fingerprint. <i>Biology Letters</i> , 2013, 9, 20130812.	2.3	23
43	Fishery-seal interactions in Irish waters: Current perspectives and future research priorities. <i>Marine Policy</i> , 2014, 44, 120-130.	3.2	22
44	Spatial and temporal assessment of potential risk to cetaceans from static fishing gears. <i>Marine Policy</i> , 2015, 51, 267-280.	3.2	22
45	Consistency in the correlation of school parameters across years and stocks. <i>ICES Journal of Marine Science</i> , 2003, 60, 164-175.	2.5	21
46	Does the North Atlantic current affect spatial distribution of whiting? Testing environmental hypotheses using statistical and GIS techniques. <i>ICES Journal of Marine Science</i> , 2002, 59, 239-253.	2.5	19
47	The burden of proof in co-management and results-based management: the elephant on the deck!. <i>ICES Journal of Marine Science</i> , 2011, 68, 1656-1662.	2.5	19
48	An entrainment model for semilunar rhythmic swimming behaviour in the marine isopod <i>Eurydice pulchra</i> Leach. <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 100, 25-35.	1.5	18
49	Simulation of mackerel (<i>Scomber scombrus</i>) recruitment with an individual-based model and comparison with field data. <i>Fisheries Oceanography</i> , 2004, 13, 380-391.	1.7	18
50	Scavenging on trawled seabeds can modify trophic size structure of bottom-dwelling fish. <i>ICES Journal of Marine Science</i> , 2014, 71, 398-405.	2.5	18
51	Hydrography and mackerel distribution on the shelf edge west of the Norwegian deeps. <i>Fisheries Research</i> , 2001, 50, 141-150.	1.7	17
52	Investigating agreement between different data sources using Bayesian state-space models: an application to estimating NE Atlantic mackerel catch and stock abundance. <i>ICES Journal of Marine Science</i> , 2010, 67, 1138-1153.	2.5	16
53	Modelling recovery of Celtic Sea demersal fish community size-structure. <i>Fisheries Research</i> , 2013, 140, 91-95.	1.7	16
54	RTI (Real-Time Incentives) outperforms traditional management in a simulated mixed fishery and cases incorporating protection of vulnerable species and areas. <i>Fisheries Research</i> , 2015, 172, 209-224.	1.7	16

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55	Fishing and environment drive spatial heterogeneity in Celtic Sea fish community size structure. ICES Journal of Marine Science, 2011, 68, 2106-2113.	2.5	15
56	Evidence of low spatial overlap between grey seals and a specific whitefish fishery off the west coast of Ireland. Biological Conservation, 2012, 150, 136-142.	4.1	15
57	Anglerfish catchability for swept-area abundance estimates in a new survey trawl. ICES Journal of Marine Science, 2007, 64, 1503-1511.	2.5	13
58	Seal depredation in bottom-set gillnet and entangling net fisheries in Irish waters. Fisheries Research, 2015, 172, 335-344.	1.7	13
59	The Best Way to Reduce Discards Is by Not Catching Them!. , 2019, , 257-278.		12
60	When good neighbours become good friends: observing small scale structures in fish aggregations using multibeam sonar. Aquatic Living Resources, 2010, 23, 143-151.	1.2	11
61	Spatio-temporal patterns in herring (<i>Clupea harengus</i> L.) school abundance and size in the northwest North Sea: modelling space-time dependencies to allow examination of the impact of local school abundance on school size. ICES Journal of Marine Science, 2002, 59, 469-479.	2.5	10
62	Estimating biomass, fishing mortality, and "total allowable discards" for surveyed non-target fish. ICES Journal of Marine Science, 2015, 72, 458-466.	2.5	8
63	The Impact of Fisheries Discards on Scavengers in the Sea. , 2019, , 129-162.		8
64	Estimating natural interstage egg mortality of Atlantic mackerel (<i>Scomber scombrus</i>) and horse mackerel (<i>Trachurus trachurus</i>) in the Northeast Atlantic using a stochastic model. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 1656-1668.	1.4	7
65	Utility of 18-kHz acoustic data for abundance estimation of Atlantic herring (<i>Clupea harengus</i>). ICES Journal of Marine Science, 2012, 69, 1086-1098.	2.5	7
66	Footprints in the sand: a persistent spatial impression of fishing in a mobile groundfish assemblage. Marine Biology, 2015, 162, 1239-1249.	1.5	7
67	Moving reference point goalposts and implications for fisheries sustainability. Fish and Fisheries, 2021, 22, 1345-1358.	5.3	7
68	An evaluation of information sharing schemes to identify what motivates fishers to share catch information. ICES Journal of Marine Science, 2023, 80, 556-577.	2.5	7
69	Current status of mobile and static sampling gears used in resource surveys. ICES Journal of Marine Science, 2007, 64, 1607-1609.	2.5	6
70	Peterman's productivity method for estimating dynamic reference points in changing ecosystems. ICES Journal of Marine Science, 0, , .	2.5	6
71	Towards a flexible Decision Support Tool for MSY-based Marine Protected Area design for skates and rays. ICES Journal of Marine Science, 2017, 74, 576-587.	2.5	5
72	Advanced Spatial Modeling to Inform Management of Data-Poor Juvenile and Adult Female Rays. Fishes, 2017, 2, 12.	1.7	4

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73	Fish schooling behaviour in the northwest North Sea: interspecific associations measured by acoustic survey. Aquatic Living Resources, 2003, 16, 307-312.	1.2	1
74	Benthivorous fish may go hungry on trawled seabed. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2240-2240.	2.6	1
75	Move and you're dead: commercial trawl fisheries select for fish that don't move far. ICES Journal of Marine Science, 0, , .	2.5	1