

Martin A Collins

List of Publications by Year in descending order

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96
papers

3,281
citations

147801

31
h-index

168389

53
g-index

99
all docs

99
docs citations

99
times ranked

2719
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal operation of the Scotia Sea ecosystem: a review of large-scale links in a krill centred food web. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 113-148.	4.0	298
2	The thermohaline expressway: the Southern Ocean as a centre of origin for deep-sea octopuses. <i>Cladistics</i> , 2008, 24, 853-860.	3.3	137
3	The fate of cetacean carcasses in the deep sea: observations on consumption rates and succession of scavenging species in the abyssal north-east Atlantic Ocean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1119-1127.	2.6	123
4	Patterns in the distribution of myctophid fish in the northern Scotia Sea ecosystem. <i>Polar Biology</i> , 2008, 31, 837-851.	1.2	112
5	The absence of sharks from abyssal regions of the world's oceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1435-1441.	2.6	101
6	Long-term changes in deep-water fish populations in the northeast Atlantic: a deeper reaching effect of fisheries?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1965-1969.	2.6	99
7	Trends in body size across an environmental gradient: A differential response in scavenging and non-scavenging demersal deep-sea fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2051-2057.	2.6	97
8	The Patagonian Toothfish. <i>Advances in Marine Biology</i> , 2010, 58, 227-300.	1.4	93
9	Southern Ocean Cephalopods. <i>Advances in Marine Biology</i> , 2006, 50, 191-265.	1.4	87
10	Latitudinal and bathymetric patterns in the distribution and abundance of mesopelagic fish in the Scotia Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 59-60, 189-198.	1.4	80
11	Feeding ecology of myctophid fishes in the northern Scotia Sea. <i>Marine Ecology - Progress Series</i> , 2009, 386, 221-236.	1.9	73
12	Experimental study on the effect of diet on fatty acid and stable isotope profiles of the squid <i>Lolliguncula brevis</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 333, 97-114.	1.5	62
13	Trophic position of deep-sea fish—Assessment through fatty acid and stable isotope analyses. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 812-826.	1.4	62
14	Vision in lanternfish (Myctophidae): Adaptations for viewing bioluminescence in the deep-sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1003-1017.	1.4	62
15	Distribution and diet of juvenile Patagonian toothfish on the South Georgia and Shag Rocks shelves (Southern Ocean). <i>Marine Biology</i> , 2007, 152, 135-147.	1.5	61
16	Consumption of large bathyal food fall, a six month study in the NE Atlantic. <i>Marine Ecology - Progress Series</i> , 2006, 310, 65-76.	1.9	61
17	Deep-sea demersal fish species richness in the Porcupine Seabight, NE Atlantic Ocean: global and regional patterns. <i>Marine Ecology</i> , 2010, 31, 247-260.	1.1	60
18	Acoustic determination of the distribution of fish and krill across the Scotia Sea in spring 2006, summer 2008 and autumn 2009. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 59-60, 173-188.	1.4	57

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19	In situ comparison of activity in two deep-sea scavenging fishes occupying different depth zones. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2011-2016.	2.6	56
20	Linear tracks and restricted temperature ranges characterise penguin foraging pathways. <i>Marine Ecology - Progress Series</i> , 2008, 370, 285-294.	1.9	53
21	The South Georgia and the South Sandwich Islands MPA. <i>Advances in Marine Biology</i> , 2014, 69, 15-78.	1.4	52
22	Distribution of deep-water benthic and benthopelagic cephalopods from the north-east Atlantic. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 105-117.	0.8	51
23	Food web structure and bioregions in the Scotia Sea: A seasonal synthesis. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 59-60, 253-266.	1.4	49
24	Behavioural observations on the scavenging fauna of the Patagonian slope. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1999, 79, 963-970.	0.8	47
25	Foraging behaviour of King Penguins (<i>Aptenodytes patagonicus</i>) in relation to predictable mesoscale oceanographic features in the Polar Front Zone to the north of South Georgia. <i>Progress in Oceanography</i> , 2010, 86, 232-245.	3.2	40
26	Predicting future distributions of lanternfish, a significant ecological resource within the Southern Ocean. <i>Diversity and Distributions</i> , 2019, 25, 1259-1272.	4.1	40
27	High Swimming and Metabolic Activity in the Deep-Sea Eel <i>Synaphobranchus kaupii</i> Revealed by Integrated In Situ and In Vitro Measurements. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 335-346.	1.5	39
28	A review of the spatial extent of fishery effects and species vulnerability of the deep-sea demersal fish assemblage of the Porcupine Seabight, Northeast Atlantic Ocean (ICES Subarea VII). <i>ICES Journal of Marine Science</i> , 2011, 68, 281-289.	2.5	39
29	Distribution and ecology of <i>Chaenocephalus aceratus</i> (Channichthyidae) around South Georgia and Shag Rocks (Southern Ocean). <i>Polar Biology</i> , 2007, 30, 1523-1533.	1.2	37
30	Linking predator and prey behaviour: contrasts between Antarctic fur seals and macaroni penguins at South Georgia. <i>Marine Biology</i> , 2010, 157, 99-112.	1.5	36
31	Predicting ecological responses in a changing ocean: the effects of future climate uncertainty. <i>Marine Biology</i> , 2018, 165, 7.	1.5	36
32	Using fatty acid analysis to elucidate the feeding habits of Southern Ocean mesopelagic fish. <i>Marine Biology</i> , 2009, 156, 2289-2302.	1.5	35
33	The trophodynamics of Southern Ocean <i>Electrona</i> (Myctophidae) in the Scotia Sea. <i>Polar Biology</i> , 2014, 37, 789-807.	1.2	34
34	Identifying patterns in the diet of mackerel icefish (<i>Champsocephalus gunnari</i>) at South Georgia using bootstrapped confidence intervals of a dietary index. <i>Polar Biology</i> , 2009, 32, 569-581.	1.2	33
35	Southern Ocean mesopelagic fish communities in the Scotia Sea are sustained by mass immigration. <i>Marine Ecology - Progress Series</i> , 2017, 569, 173-185.	1.9	33
36	Distribution, population structure and trophodynamics of Southern Ocean <i>Gymnoscopelus</i> (Myctophidae) in the Scotia Sea. <i>Polar Biology</i> , 2015, 38, 287-308.	1.2	31

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37	Cephalopods of the South Georgia slope. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 415-419.	0.8	30
38	The Impact of Predation by Marine Mammals on Patagonian Toothfish Longline Fisheries. PLoS ONE, 2015, 10, e0118113.	2.5	29
39	Redescription of the deep-sea octopod <i>Benthoctopus normani</i> (Massy 1907) and a description of a new species from the Northeast Atlantic. Marine Biology Research, 2006, 2, 372-387.	0.7	28
40	Distribution, growth, diet and foraging behaviour of the yellowfin notothen <i>Patagonotothen guntheri</i> (Norman) on the Shag Rocks shelf (Southern Ocean). Journal of Fish Biology, 2008, 72, 271-286.	1.6	27
41	Fatty acid trophic markers elucidate resource partitioning within the demersal fish community of South Georgia and Shag Rocks (Southern Ocean). Marine Biology, 2012, 159, 2299-2310.	1.5	27
42	Size selectivity in the diet of <i>Loligo forbesi</i> (Cephalopoda: Loliginidae). Journal of the Marine Biological Association of the United Kingdom, 1996, 76, 1081-1090.	0.8	26
43	Life cycle, distribution and trophodynamics of the lanternfish <i>Krefftichthys anderssoni</i> (L�nnberg, 1926). Journal of Fish Biology, 2014, 85, 1143-1154.	1.2	26
44	Taxonomy, Ecology And Behaviour Of The Cirrate Octopods. Oceanography and Marine Biology, 2006, , 277-322.	1.0	26
45	A revision of the family Stauroteuthidae (Octopoda: Cirrata) with redescriptions of <i>Stauroteuthis syrtensis</i> and <i>S. gilchristi</i> . Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 685-697.	0.8	25
46	Recruitment and body size in relation to temperature in juvenile Patagonian toothfish (<i>Dissostichus</i>). Journal of Fish Biology, 2000, 56, 1079-1087.	1.5	24
47	Post-Fledging Dispersal of King Penguins (<i>Aptenodytes patagonicus</i>) from Two Breeding Sites in the South Atlantic. PLoS ONE, 2014, 9, e97164.	2.5	24
48	The biology of the ommastrephid squid, <i>Todarodes sagittatus</i> , in the north-east Atlantic. Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 299-306.	0.8	23
49	Diversity of Mesopelagic Fishes in the Southern Ocean - A Phylogeographic Perspective Using DNA Barcoding. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	23
50	Predatory impact of the myctophid fish community on zooplankton in the Scotia Sea (Southern Ocean). Journal of Fish Biology, 2000, 56, 1079-1087.	1.9	23
51	Scavenging by megabenthos and demersal fish on the South Georgia slope. Antarctic Science, 2002, 14, 16-24.	0.9	22
52	The Moray Firth directed squid fishery. Fisheries Research, 2006, 78, 39-43.	1.7	21
53	Enhancing the ecosystem approach for the fishery for Antarctic krill within the complex, variable, and changing ecosystem at South Georgia. ICES Journal of Marine Science, 2021, 78, 2065-2081.	2.5	21
54	Molecular evolutionary relationships of the octopodid genus <i>Thaumeledone</i> (Cephalopoda: Octopoda). Journal of Molecular Evolution, 2010, 70, 118-128.	0.9	18

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55	Trophodynamics of <i>Protomyctophum</i> (Myctophidae) in the Scotia Sea (Southern Ocean). <i>Journal of Fish Biology</i> , 2015, 87, 1031-1058.	1.6	18
56	Implication of the visual system in the regulation of activity cycles in the absence of solar light: ¹²⁵ Iiodomelatonin binding sites and melatonin receptor gene expression in the brains of demersal deep-sea gadiform fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2295-2302.	2.6	16
57	A new technique for periodic bait release at a deep-sea camera platform: First results from the Charlie-Gibbs Fracture Zone, Mid-Atlantic Ridge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 218-228.	1.4	16
58	Resolving patterns of population genetic and phylogeographic structure to inform control and eradication initiatives for brown rats <i>Rattus norvegicus</i> on South Georgia. <i>Journal of Applied Ecology</i> , 2016, 53, 332-339.	4.0	16
59	A REDESCRIPTION OF <i>GRANELEDONE VERRUCOSA</i> (VERRILL, 1881) (OCTOPODA: OCTOPODIDAE). <i>Journal of Molluscan Studies</i> , 2003, 69, 135-143.	1.2	15
60	Female reproductive biology of two sympatric incirrate octopod species, <i>Adelieledone polymorpha</i> (Robson 1930) and <i>Pareledone turqueti</i> (Joubin 1905) (Cephalopoda: Octopodidae), from South Georgia. <i>Polar Biology</i> , 2008, 31, 583-594.	1.2	15
61	Diet of the Antarctic starry skate <i>Amblyraja georgiana</i> (Rajidae, Chondrichthyes) at South Georgia (Southern Ocean). <i>Polar Biology</i> , 2011, 34, 389-396.	1.2	15
62	Seasonal variation in the predatory impact of myctophids on zooplankton in the Scotia Sea (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	15
63	Developing UAV Monitoring of South Georgia and the South Sandwich Islands™ Iconic Land-Based Marine Predators. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	15
64	First case of possible iteroparity among coleoid cephalopods: the giant warty squid <i>Kondakovia longimana</i> . <i>Journal of Molluscan Studies</i> , 2013, 79, 270-272.	1.2	13
65	Cirrate octopods from Greenland and Iceland waters. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 1035-1036.	0.8	12
66	Life in a warm deep sea: routine activity and burst swimming performance of the shrimp <i>Acanthephyra eximia</i> in the abyssal Mediterranean. <i>Marine Biology</i> , 2005, 146, 1199-1206.	1.5	12
67	Deep sea benthic bioluminescence at artificial food falls, 1,000–4,800m depth, in the Porcupine Seabight and Abyssal Plain, North East Atlantic Ocean. <i>Marine Biology</i> , 2007, 150, 1053-1060.	1.5	12
68	Putative fishery-induced changes in biomass and population size structures of demersal deep-sea fishes in ICES Sub-area VII, Northeast Atlantic Ocean. <i>Biogeosciences</i> , 2013, 10, 529-539.	3.3	12
69	Age and growth of Brauer's lanternfish <i>Gymnoscopelus braueri</i> and rhombic lanternfish <i>Krefflichthys anderssoni</i> (Family Myctophidae) in the Scotia Sea, Southern Ocean. <i>Journal of Fish Biology</i> , 2020, 96, 364-377.	1.6	12
70	Effects of organochlorines on cytochrome P450 activity and antioxidant enzymes in liver of roundnose grenadier <i>Coryphaenoides rupestris</i> . <i>Aquatic Biology</i> , 2010, 8, 161-168.	1.4	11
71	The need to implement the Convention on Biological Diversity at the high latitude site, South Georgia. <i>Antarctic Science</i> , 2011, 23, 323-331.	0.9	10
72	Demersal fish communities of the shelf and slope of South Georgia and Shag Rocks (Southern Ocean). <i>Polar Biology</i> , 2017, 40, 107-121.	1.2	10

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73	Fidelity of yellowfin tuna to seamount and island foraging grounds in the central South Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 172, 103513.	1.4	10
74	A long road to recovery: dynamics and ecology of the marbled rockcod (<i>Notothenia rossii</i>), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Science</i> , 2021, 78, 2745-2756.	2.5	10
75	Reproductive biology of the loliginid squid, <i>Alloteuthis subulata</i> , in the north-east Atlantic and adjacent waters. <i>Aquatic Living Resources</i> , 2009, 22, 35-44.	1.2	10
76	<i>Opisthoteuthis borealis</i> : a new species of cirrate octopod from Greenland waters. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1475-1479.	0.8	8
77	First Insight of Meso- and Benthic-Pelagic Fish Dynamics Around Remote Seamounts in the South Atlantic Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	8
78	Contrasting life-history traits of two toothfish (<i>Dissostichus</i> spp.) species at their range edge around the South Sandwich Islands. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 201, 105098.	1.4	8
79	Yellowfin Tuna Behavioural Ecology and Catchability in the South Atlantic: The Right Place at the Right Time (and Depth). <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
80	A large <i>Cirroteuthis magna</i> (Cephalopoda: Cirroctopoda) caught on the Cape Verde Terrace (North) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.8	6
81	Assessing consistency of fish survey data: uncertainties in the estimation of mackerel icefish (<i>Champscephalus gunnari</i>) abundance at South Georgia. <i>Polar Biology</i> , 2016, 39, 593-603.	1.2	6
82	Expanded description of <i>Opisthoteuthis hardyi</i> based on new specimens from the Patagonian slope. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 605-611.	0.8	5
83	Feeding habits of bluenose warehou, <i>Hyperoglyphe antarctica</i> (Carmichael, 1819) (Centrolophidae) at seamounts of the Southern Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 156, 103182.	1.4	5
84	The taxonomic identity and distribution of the eel cod <i>Muraenolepis</i> (Gadiformes: Muraenolepididae) around South Georgia and the South Sandwich Islands. <i>Polar Biology</i> , 2021, 44, 637-651.	1.2	5
85	Bioregionalization of the South Sandwich Islands through community analysis of bathyal fish and invertebrate assemblages using fishery-derived data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 198, 105054.	1.4	5
86	Commonwealth SIDS and UK Overseas Territories sustainable fisheries programmes: An overview of projects and benefits of official development assistance funding. <i>Marine Policy</i> , 2019, 107, 103437.	3.2	4
87	Length-weight and otolith size to standard length relationships in 12 species of Southern Ocean Myctophidae: A tool for predator diet studies. <i>Journal of Applied Ichthyology</i> , 2021, 37, 140-144.	0.7	4
88	Blinded by the light: Seabird collision events in South Georgia. <i>Polar Biology</i> , 2022, 45, 1151-1156.	1.2	4
89	Biology and distribution of South Georgia icefish (<i>Pseudochaenichthys georgianus</i>) around South Georgia and Shag Rocks. <i>Antarctic Science</i> , 2008, 20, 343-353.	0.9	3
90	Extended Pelagic Life in a Bathybenthic Octopus. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	3

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91	Comparative feeding strategies of yellowfin tuna around St Helena and adjacent seamounts of the South Atlantic Ocean. <i>Journal of Applied Ichthyology</i> , 2021, 37, 38-52.	0.7	3
92	Life History and Ecology of Bluenose Warehou (<i>Hyperoglyphe antarctica</i> , Centrolophidae) in the Southern Atlantic. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
93	Estimating circumpolar distributions of lanternfish using 2D and 3D ecological niche models. <i>Marine Ecology - Progress Series</i> , 2020, 647, 179-193.	1.9	3
94	Population characteristics of benthopelagic <i>Gymnoscopelus nicholsi</i> (Pisces: Myctophidae) on the continental shelf of South Georgia (Southern Ocean) during austral summer. <i>Polar Biology</i> , 2022, 45, 789-807.	1.2	2
95	Seasonal variation in the white muscle biochemical composition of deep-sea macrourids in the North-east Atlantic. <i>Marine Biology</i> , 2008, 155, 37-49.	1.5	0
96	Aspects of illegal, unreported and unregulated fishing the Southern Ocean - Rachel J. Baird Springer, Berlin, 2006 ISBN 978-1-4020-5338-2, 309 pages, Å£65.50. <i>Antarctic Science</i> , 2008, 20, 309-309.	0.9	0