

# Henri Weimerskirch

## List of Publications by Year in descending order

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396  
papers

28,628  
citations

2975

93  
h-index

9589

142  
g-index

403  
all docs

403  
docs citations

403  
times ranked

13016  
citing authors

#	ARTICLE	IF	CITATIONS
1	Are seabirds foraging for unpredictable resources?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 211-223.	1.4	481
2	Energy saving in flight formation. Nature, 2001, 413, 697-698.	27.8	459
3	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. Global Change Biology, 2014, 20, 3004-3025.	9.5	448
4	Satellite tracking of Wandering albatrosses. Nature, 1990, 343, 746-748.	27.8	442
5	Migratory shearwaters integrate oceanic resources across the Pacific Ocean in an endless summer. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12799-12802.	7.1	434
6	At-sea distribution and scale-dependent foraging behaviour of petrels and albatrosses: a comparative study. Journal of Animal Ecology, 2007, 76, 9-19.	2.8	425
7	The importance of oceanographic fronts to marine birds and mammals of the southern oceans. Journal of Marine Systems, 2009, 78, 363-376.	2.1	400
8	Emperor penguins and climate change. Nature, 2001, 411, 183-186.	27.8	376
9	Fast and fuel efficient? Optimal use of wind by flying albatrosses. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1869-1874.	2.6	342
10	Assessing the impact of climate variation on survival in vertebrate populations. Biological Reviews, 2008, 83, 357-399.	10.4	340
11	Population dynamics of wandering albatross <i>Diomedea exulans</i> and Amsterdam albatross <i>D. amsterdamensis</i> in the Indian Ocean and their relationships with long-line fisheries: Conservation implications. Biological Conservation, 1997, 79, 257-270.	4.1	327
12	Senescence rates are determined by ranking on the fast-slow life-history continuum. Ecology Letters, 2008, 11, 664-673.	6.4	317
13	Reproductive Effort in Long-Lived Birds: Age-Specific Patterns of Condition, Reproduction and Survival in the Wandering Albatross. Oikos, 1992, 64, 464.	2.7	300
14	Foraging success of biological "sooty" flights recorded in situ. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7169-7174.	7.1	283
15	Changes in Wind Pattern Alter Albatross Distribution and Life-History Traits. Science, 2012, 335, 211-214.	12.6	281
16	Exchange of the Wandering Albatross ( <i>Diomedea Exulans</i> ) Between the Prince Edward and Crozet Islands: Implications for Conservation. African Journal of Marine Science, 2003, 25, 519-523.	1.1	272
17	ALTERNATIVE FORAGING STRATEGIES AND RESOURCE ALLOCATION BY MALE AND FEMALE WANDERING ALBATROSSES. Ecology, 1997, 78, 2051-2063.	3.2	236
18	Top marine predators track Lagrangian coherent structures. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8245-8250.	7.1	231

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19	Population Dynamics of the Wandering Albatross, <i>Diomedea exulans</i> , of the Crozet Islands: Causes and Consequences of the Population Decline. <i>Oikos</i> , 1987, 49, 315.	2.7	227
20	Does Prey Capture Induce Area-Restricted Search? A Fine-Scale Study Using GPS in a Marine Predator, the Wandering Albatross. <i>American Naturalist</i> , 2007, 170, 734-743.	2.1	209
21	Demographic models and IPCC climate projections predict the decline of an emperor penguin population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1844-1847.	7.1	206
22	Body Condition and Seabird Reproductive Performance: A Study of Three Petrel Species. <i>Ecology</i> , 1995, 76, 2240-2246.	3.2	205
23	Alternate long and short foraging trips in pelagic seabird parents. <i>Animal Behaviour</i> , 1994, 47, 472-476.	1.9	204
24	GPS Tracking of Foraging Albatrosses. <i>Science</i> , 2002, 295, 1259-1259.	12.6	200
25	Trends in bird and seal populations as indicators of a system shift in the Southern Ocean. <i>Antarctic Science</i> , 2003, 15, 249-256.	0.9	200
26	The Regular Alternation of Short and Long Foraging Trips in the Blue Petrel <i>Halobaena caerulea</i> : A Previously Undescribed Strategy of Food Provisioning in a Pelagic Seabird. <i>Journal of Animal Ecology</i> , 1994, 63, 275.	2.8	196
27	How can a pelagic seabird provision its chick when relying on a distant food resource? Cyclic attendance at the colony, foraging decision and body condition in sooty shearwaters. <i>Journal of Animal Ecology</i> , 1998, 67, 99-109.	2.8	183
28	Applying global criteria to tracking data to define important areas for marine conservation. <i>Diversity and Distributions</i> , 2016, 22, 422-431.	4.1	177
29	Influence of Body Condition on Reproductive Decision and Reproductive Success in the Blue Petrel. <i>Auk</i> , 1995, 112, 964-972.	1.4	173
30	Generation time and temporal scaling of bird population dynamics. <i>Nature</i> , 2005, 436, 99-102.	27.8	172
31	Evidence for olfactory search in wandering albatross, <i>Diomedea exulans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4576-4581.	7.1	170
32	Incubation routine, body mass regulation and egg neglect in the Blue Petrel <i>Halobaena caerulea</i> . <i>Ibis</i> , 1994, 136, 285-290.	1.9	169
33	Using stable-isotope analysis of feathers to distinguish moulting and breeding origins of seabirds. <i>Oecologia</i> , 2000, 122, 155-162.	2.0	165
34	Functional significance of sexual dimorphism in Wandering Albatrosses, <i>Diomedea exulans</i> . <i>Functional Ecology</i> , 2001, 15, 203-210.	3.6	162
35	Patterns of aging in the long-lived wandering albatross. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6370-6375.	7.1	162
36	LONG-TERM CONTRASTED RESPONSES TO CLIMATE OF TWO ANTARCTIC SEABIRD SPECIES. <i>Ecology</i> , 2005, 86, 2889-2903.	3.2	161

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37	The Avifauna of the Kerguelen Islands. <i>Emu</i> , 1989, 89, 15-29.	0.6	160
38	Seabird satellite tracking validates the use of latitudinal isoscapes to depict predators' foraging areas in the Southern Ocean. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3456-3460.	1.5	160
39	High annual variability in reproductive success and survival of an Antarctic seabird, the snow petrel <i>Pagodroma nivea</i> . <i>Oecologia</i> , 1993, 94, 278-285.	2.0	158
40	The breeding biology and population dynamics of King Penguins <i>Aptenodytes patagonica</i> on the Crozet Islands. <i>Ibis</i> , 1992, 134, 107-117.	1.9	157
41	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	27.8	156
42	Effects of climate variability on the temporal population dynamics of southern fulmars. <i>Journal of Animal Ecology</i> , 2003, 72, 576-587.	2.8	154
43	Climate and density shape population dynamics of a marine top predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2111-2116.	2.6	154
44	Antarctic birds breed later in response to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6248-6251.	7.1	154
45	Remote-sensing systems and seabirds: their use, abuse and potential for measuring marine environmental variables. <i>Marine Ecology - Progress Series</i> , 2002, 228, 241-261.	1.9	154
46	How Life History Influences Population Dynamics in Fluctuating Environments. <i>American Naturalist</i> , 2013, 182, 743-759.	2.1	152
47	Scale-dependent habitat use in a long-ranging central place predator. <i>Journal of Animal Ecology</i> , 2005, 74, 852-863.	2.8	150
48	Age, experience and reproductive performance in a long-lived bird: a hormonal perspective. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 611-621.	1.4	150
49	The conservation status and priorities for albatrosses and large petrels. <i>Biological Conservation</i> , 2016, 201, 169-183.	4.1	150
50	Modelling the impact of fishery by-catches on albatross populations. <i>Journal of Applied Ecology</i> , 2001, 38, 1182-1196.	4.0	149
51	Oceanic respite for wandering albatrosses. <i>Nature</i> , 2000, 406, 955-956.	27.8	146
52	Interactions between longline vessels and seabirds in Kerguelen waters and a method to reduce seabird mortality. <i>Biological Conservation</i> , 1996, 75, 63-70.	4.1	145
53	Research priorities for seabirds: improving conservation and management in the 21st century. <i>Endangered Species Research</i> , 2012, 17, 93-121.	2.4	144
54	Scale-dependent hierarchical adjustments of movement patterns in a long-range foraging seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1143-1148.	2.6	142

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55	Interpolation of animal tracking data in a fluid environment. <i>Journal of Experimental Biology</i> , 2006, 209, 128-140.	1.7	142
56	Feeding ecology of short-tailed shearwaters: breeding in Tasmania and foraging in the Antarctic?. <i>Marine Ecology - Progress Series</i> , 1998, 167, 261-274.	1.9	141
57	Factors affecting the number and mortality of seabirds attending trawlers and long-liners in the Kerguelen area. <i>Polar Biology</i> , 2000, 23, 236-249.	1.2	140
58	Foraging strategy of a top predator in tropical waters: great frigatebirds in the Mozambique Channel. <i>Marine Ecology - Progress Series</i> , 2004, 275, 297-308.	1.9	139
59	Resource partitioning within a tropical seabird community: new information from stable isotopes. <i>Marine Ecology - Progress Series</i> , 2008, 366, 281-291.	1.9	138
60	PREY DISTRIBUTION AND PATCHINESS: FACTORS IN FORAGING SUCCESS AND EFFICIENCY OF WANDERING ALBATROSSES. <i>Ecology</i> , 2005, 86, 2611-2622.	3.2	137
61	Effects of climate change and fisheries bycatch on Southern Ocean seabirds: a review. <i>Marine Ecology - Progress Series</i> , 2012, 454, 285-307.	1.9	134
62	All at sea with animal tracks; methodological and analytical solutions for the resolution of movement. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 193-210.	1.4	131
63	ENVIRONMENTAL CONDITIONS AND BREEDING EXPERIENCE AFFECT COSTS OF REPRODUCTION IN BLUE PETRELS. <i>Ecology</i> , 2005, 86, 682-692.	3.2	127
64	Foraging white-chinned petrels <i>Procellaria aequinoctialis</i> at risk: from the tropics to Antarctica. <i>Biological Conservation</i> , 1999, 87, 273-275.	4.1	124
65	Foraging and provisioning strategies of black-browed albatrosses in relation to the requirements of the chick: natural variation and experimental study. <i>Behavioral Ecology</i> , 1997, 8, 635-643.	2.2	123
66	Habitat preference, accessibility, and competition limit the global distribution of breeding Black-browed Albatrosses. <i>Ecological Monographs</i> , 2011, 81, 141-167.	5.4	122
67	Life History Variation Predicts the Effects of Demographic Stochasticity on Avian Population Dynamics. <i>American Naturalist</i> , 2004, 164, 793-802.	2.1	121
68	Personality, Foraging and Fitness Consequences in a Long Lived Seabird. <i>PLoS ONE</i> , 2014, 9, e87269.	2.5	120
69	Estimating Density Dependence from Population Time Series Using Demographic Theory and Life History Data. <i>American Naturalist</i> , 2002, 159, 321-337.	2.1	118
70	Activity pattern of foraging in the wandering albatross: a marine predator with two modes of prey searching. <i>Marine Ecology - Progress Series</i> , 1997, 151, 245-254.	1.9	118
71	SEX DIFFERENCES IN PARENTAL INVESTMENT AND CHICK GROWTH IN WANDERING ALBATROSSES: FITNESS CONSEQUENCES. <i>Ecology</i> , 2000, 81, 309-318.	3.2	117
72	Large-scale climatic anomalies affect marine predator foraging behaviour and demography. <i>Nature Communications</i> , 2015, 6, 8220.	12.8	117

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73	Heart rate and energy expenditure of incubating wandering albatrosses: basal levels, natural variation, and the effects of human disturbance. <i>Journal of Experimental Biology</i> , 2002, 205, 475-483.	1.7	116
74	Foraging effort in relation to the constraints of reproduction in free-ranging albatrosses. <i>Functional Ecology</i> , 2003, 17, 66-74.	3.6	114
75	Modulation of prolactin but not corticosterone responses to stress in relation to parental effort in a long-lived bird. <i>Hormones and Behavior</i> , 2005, 47, 459-466.	2.1	114
76	Regulation of foraging trips and incubation routine in male and female wandering albatrosses. <i>Oecologia</i> , 1995, 102, 37-43.	2.0	113
77	Frigate birds track atmospheric conditions over months-long transoceanic flights. <i>Science</i> , 2016, 353, 74-78.	12.6	113
78	Local depletion by a fishery can affect seabird foraging. <i>Journal of Applied Ecology</i> , 2012, 49, 1168-1177.	4.0	112
79	Using stable isotopes to study resource acquisition and allocation in procellariiform seabirds. <i>Oecologia</i> , 2005, 145, 533-540.	2.0	111
80	Demographic responses to mercury exposure in two closely related Antarctic top predators. <i>Ecology</i> , 2014, 95, 1075-1086.	3.2	110
81	Comparative ecology of the six albatross species breeding on the Crozet Islands. <i>Ibis</i> , 1986, 128, 195-213.	1.9	109
82	Diving depths of albatrosses. <i>Antarctic Science</i> , 1994, 6, 353-354.	0.9	108
83	Species- and sex-specific differences in foraging behaviour and foraging zones in blue-footed and brown boobies in the Gulf of California. <i>Marine Ecology - Progress Series</i> , 2009, 391, 267-278.	1.9	108
84	Use of Social Information in Seabirds: Compass Rafts Indicate the Heading of Food Patches. <i>PLoS ONE</i> , 2010, 5, e9928.	2.5	107
85	Corticosterone and Foraging Behavior in a Pelagic Seabird. <i>Physiological and Biochemical Zoology</i> , 2007, 80, 283-292.	1.5	106
86	Hormonal correlates of individual quality in a long-lived bird: a test of the "corticosterone" fitness hypothesis™. <i>Biology Letters</i> , 2010, 6, 846-849.	2.3	106
87	Dispersal and metapopulation dynamics of an oceanic seabird, the wandering albatross, and its consequences for its response to long-line fisheries. <i>Journal of Animal Ecology</i> , 2002, 71, 765-770.	2.8	103
88	Modelling population dynamics of seabirds: importance of the effects of climate fluctuations on breeding proportions. <i>Oikos</i> , 2005, 108, 511-522.	2.7	103
89	Sex-specific foraging behaviour in a seabird with reversed sexual dimorphism: the red-footed booby. <i>Oecologia</i> , 2006, 146, 681-691.	2.0	102
90	Population sex ratio variation in a monogamous long-lived bird, the wandering albatross. <i>Journal of Animal Ecology</i> , 2005, 74, 285-291.	2.8	101

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91	Frigatebirds ride high on thermals. <i>Nature</i> , 2003, 421, 333-334.	27.8	99
92	Age-specific reproductive success in a long-lived bird: do older parents resist stress better?. <i>Journal of Animal Ecology</i> , 2007, 76, 1181-1191.	2.8	99
93	Do naive juvenile seabirds forage differently from adults?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131434.	2.6	99
94	Foraging strategy of a tropical seabird, the red-footed booby, in a dynamic marine environment. <i>Marine Ecology - Progress Series</i> , 2005, 288, 251-261.	1.9	97
95	Influence of environmental variability on breeding effort in a long-lived seabird, the yellow-nosed albatross. <i>Behavioral Ecology</i> , 2001, 12, 22-30.	2.2	96
96	Projected continent-wide declines of the emperor penguin under climate change. <i>Nature Climate Change</i> , 2014, 4, 715-718.	18.8	95
97	The three-dimensional flight of red-footed boobies: adaptations to foraging in a tropical environment?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 53-61.	2.6	94
98	Projected poleward shift of king penguins' ( <i>Aptenodytes patagonicus</i> ) foraging range at the Crozet Islands, southern Indian Ocean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2515-2523.	2.6	94
99	Flights of drones over sub-Antarctic seabirds show species- and status-specific behavioural and physiological responses. <i>Polar Biology</i> , 2018, 41, 259-266.	1.2	94
100	The Influence of Age and Experience on Breeding Performance of the Antarctic Fulmar, <i>Fulmarus glacialis</i> . <i>Journal of Animal Ecology</i> , 1990, 59, 867.	2.8	93
101	Effects of climate change on an emperor penguin population: analysis of coupled demographic and climate models. <i>Global Change Biology</i> , 2012, 18, 2756-2770.	9.5	93
102	Adjustment of parental effort to manipulated foraging ability in a pelagic seabird, the thin-billed prion <i>Pachyptila belcheri</i> . <i>Behavioral Ecology and Sociobiology</i> , 1995, 36, 11-16.	1.4	92
103	Evidence of a shift in the cyclicity of Antarctic seabird dynamics linked to climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 887-895.	2.6	92
104	Corticosterone, prolactin and egg neglect behavior in relation to mercury and legacy POPs in a long-lived Antarctic bird. <i>Science of the Total Environment</i> , 2015, 505, 180-188.	8.0	91
105	Exploitation of distant Antarctic waters and close shelf-break waters by white-chinned petrels rearing chicks. <i>Marine Ecology - Progress Series</i> , 2000, 194, 249-261.	1.9	91
106	The seabird paradox: dispersal, genetic structure and population dynamics in a highly mobile, but philopatric albatross species. <i>Molecular Ecology</i> , 2008, 17, 1658-1673.	3.9	90
107	Banding Recoveries and the Dispersal of Seabirds Breeding in French Austral and Antarctic Territories. <i>Emu</i> , 1985, 85, 22-33.	0.6	89
108	Demographic consequences of heavy metals and persistent organic pollutants in a vulnerable long-lived bird, the wandering albatross. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133313.	2.6	88

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109	Foraging efficiency and adjustment of energy expenditure in a pelagic seabird provisioning its chick. <i>Journal of Animal Ecology</i> , 2003, 72, 500-508.	2.8	87
110	Heart rate and energy expenditure of incubating wandering albatrosses: basal levels, natural variation, and the effects of human disturbance. <i>Journal of Experimental Biology</i> , 2002, 205, 475-83.	1.7	87
111	Environmental variation and experience-related differences in the demography of the long-lived black-browed albatross. <i>Journal of Animal Ecology</i> , 2007, 76, 159-167.	2.8	86
112	Extreme variation in migration strategies between and within wandering albatross populations during their sabbatical year and their fitness consequences. <i>Scientific Reports</i> , 2015, 5, 8853.	3.3	86
113	Food and feeding ecology of the neritic-slope forager black-browed albatross and its relationships with commercial fisheries in Kerguelen waters. <i>Marine Ecology - Progress Series</i> , 2000, 207, 183-199.	1.9	86
114	Spawning cycle of onychoteuthid squids in the southern Indian Ocean: new information from seabird predators. <i>Marine Ecology - Progress Series</i> , 1999, 188, 93-104.	1.9	85
115	Diseases threaten Southern Ocean albatrosses. <i>Polar Biology</i> , 2004, 27, 374-379.	1.2	85
116	Seasonal changes in the provisioning behaviour and mass of male and female wandering albatrosses in relation to the growth of their chick. <i>Polar Biology</i> , 2000, 23, 733-744.	1.2	84
117	Behavioural factors affecting foraging effort of breeding wandering albatrosses. <i>Journal of Animal Ecology</i> , 2001, 70, 864-874.	2.8	84
118	Lifetime foraging patterns of the wandering albatross: Life on the move!. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 450, 68-78.	1.5	84
119	Extinction in relation to demographic and environmental stochasticity in age-structured models. <i>Mathematical Biosciences</i> , 2005, 195, 210-227.	1.9	83
120	Sea ice affects the population dynamics of AdÃ©lie penguins in Terre AdÃ©lie. <i>Polar Biology</i> , 2006, 29, 413-423.	1.2	81
121	BetÃ©hedging response to environmental variability, an intraspecific comparison. <i>Ecology</i> , 2010, 91, 2416-2427.	3.2	81
122	Poor Transferability of Species Distribution Models for a Pelagic Predator, the Grey Petrel, Indicates Contrasting Habitat Preferences across Ocean Basins. <i>PLoS ONE</i> , 2015, 10, e0120014.	2.5	81
123	Seabird associations with mesoscale eddies: the subtropical Indian Ocean. <i>Marine Ecology - Progress Series</i> , 2006, 324, 271-279.	1.9	81
124	Inter-annual variability in the breeding performance of seabirds in relation to oceanographic anomalies that affect the Crozet and the Kerguelen sectors of the Southern Ocean. <i>Journal of Avian Biology</i> , 2003, 34, 170-176.	1.2	80
125	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191472.	2.6	80
126	High occurrence of jellyfish predation by black-browed and Campbell albatross identified by <i>scp</i> >DNA</i> metabarcoding. <i>Molecular Ecology</i> , 2017, 26, 4831-4845.	3.9	79



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127	Effect of age, breeding experience and senescence on corticosterone and prolactin levels in a long-lived seabird: The wandering albatross. <i>General and Comparative Endocrinology</i> , 2006, 149, 1-9.	1.8	78
128	Contrasted demographic responses facing future climate change in Southern Ocean seabirds. <i>Journal of Animal Ecology</i> , 2011, 80, 89-100.	2.8	77
129	Tracking seabirds to identify potential Marine Protected Areas in the tropical western Indian Ocean. <i>Biological Conservation</i> , 2012, 156, 83-93.	4.1	77
130	Evidence for an age-dependent influence of environmental variations on a long-lived seabird's life-history traits. <i>Ecology</i> , 2013, 94, 208-220.	3.2	77
131	Effect of environmental variability on habitat selection, diet, provisioning behaviour and chick growth in yellow-nosed albatrosses. <i>Marine Ecology - Progress Series</i> , 2005, 298, 295-304.	1.9	77
132	Seabird community structure in a coastal tropical environment: importance of natural factors and fish aggregating devices (FADs). <i>Marine Ecology - Progress Series</i> , 2004, 268, 281-292.	1.9	76
133	Combined effects of fisheries and climate on a migratory long-lived marine predator. <i>Journal of Applied Ecology</i> , 2008, 45, 4-13.	4.0	75
134	Survival in Five Southern Albatrosses and its Relationship with Their Life History. <i>Journal of Animal Ecology</i> , 1987, 56, 1043.	2.8	74
135	Foraging Ranges and Partitioning of Feeding Zones in Three Species of Southern Albatrosses. <i>Condor</i> , 1988, 90, 214-219.	1.6	74
136	Demographic routes to variability and regulation in bird populations. <i>Nature Communications</i> , 2016, 7, 12001.	12.8	74
137	Spatiotemporal habitat use by breeding sooty shearwaters <i>Puffinus griseus</i> . <i>Marine Ecology - Progress Series</i> , 2009, 391, 209-220.	1.9	74
138	Exploitation of the marine environment by two sympatric albatrosses in the Pacific Southern Ocean. <i>Marine Ecology - Progress Series</i> , 1999, 177, 243-254.	1.9	74
139	Wandering Albatrosses Document Latitudinal Variations in the Transfer of Persistent Organic Pollutants and Mercury to Southern Ocean Predators. <i>Environmental Science &amp; Technology</i> , 2014, 48, 14746-14755.	10.0	73
140	Diet and feeding ecology of blue petrels <i>Halobaena caerulea</i> at Iles Kerguelen, Southern Indian Ocean. <i>Marine Ecology - Progress Series</i> , 2002, 228, 283-299.	1.9	73
141	Ultimate and proximate factors affecting the breeding performance of a marine top-predator. <i>Oikos</i> , 2002, 99, 141-150.	2.7	69
142	Conserving pelagic habitats: seascape modelling of an oceanic top predator. <i>Journal of Applied Ecology</i> , 2011, 48, 121-132.	4.0	69
143	Combination of At-Sea Activity, Geolocation and Feather Stable Isotopes Documents Where and When Seabirds Molt. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	69
144	Chick provisioning by the Yellow-nosed Albatross <i>Diomedea chlororhynchos</i> : response of foraging effort to experimentally increased costs and demands. <i>Ibis</i> , 2000, 142, 103-110.	1.9	68

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145	Global phenological insensitivity to shifting ocean temperatures among seabirds. <i>Nature Climate Change</i> , 2018, 8, 313-318.	18.8	68
146	Population density and climate shape early-life survival and recruitment in a long-lived pelagic seabird. <i>Journal of Animal Ecology</i> , 2015, 84, 1423-1433.	2.8	66
147	High feather mercury concentrations in the wandering albatross are related to sex, breeding status and trophic ecology with no demographic consequences. <i>Environmental Research</i> , 2016, 144, 1-10.	7.5	66
148	Seabirds as indicators of marine resources: black-browed albatrosses feeding on ommastrephid squids in Kerguelen waters. <i>Marine Ecology - Progress Series</i> , 1995, 129, 295-300.	1.9	66
149	Relative influence of fisheries and climate on the demography of four albatross species. <i>Global Change Biology</i> , 2010, 16, 1910-1922.	9.5	65
150	Mating Behavior, Population Growth, and the Operational Sex Ratio: A Periodic Two-Sex Model Approach. <i>American Naturalist</i> , 2010, 175, 739-752.	2.1	64
151	When do wandering albatrosses <i>Diomedea exulans</i> forage?. <i>Marine Ecology - Progress Series</i> , 1992, 86, 297-300.	1.9	64
152	Ocean sentinel albatrosses locate illegal vessels and provide the first estimate of the extent of nondeclared fishing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3006-3014.	7.1	63
153	Seasonal variation in oceanographic habitat and behaviour of white-chinned petrels <i>Procellaria aequinoctialis</i> from Kerguelen Island. <i>Marine Ecology - Progress Series</i> , 2010, 416, 267-284.	1.9	63
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308	Offspring sex ratio in relation to parental structural size and body condition in the long-lived wandering albatross ( <i>Diomedea exulans</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 767-773.	1.4	18
309	Are king penguin populations threatened by Southern Ocean warming?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, E38; author eply E39.	7.1	18
310	Capture and blood sampling do not affect foraging behaviour, breeding success and return rate of a large seabird: the black-browed albatross. <i>Polar Biology</i> , 2011, 34, 353-361.	1.2	18
311	Contrasted associations between seabirds and marine mammals across four biomes of the southern Indian Ocean. <i>Journal of Ornithology</i> , 2013, 154, 441-453.	1.1	18
312	Half a World Apart? Overlap in Nonbreeding Distributions of Atlantic and Indian Ocean Thin-Billed Prions. <i>PLoS ONE</i> , 2015, 10, e0125007.	2.5	18
313	Kite aerial photography: a low-cost method for monitoring seabird colonies. <i>Journal of Field Ornithology</i> , 2015, 86, 173-179.	0.5	17
314	Additive Traits Lead to Feeding Advantage and Reproductive Isolation, Promoting Homoploid Hybrid Speciation. <i>Molecular Biology and Evolution</i> , 2019, 36, 1671-1685.	8.9	17
315	Exposure of breeding albatrosses to the agent of avian cholera: dynamics of antibody levels and ecological implications. <i>Oecologia</i> , 2019, 189, 939-949.	2.0	17
316	Young frigatebirds learn how to compensate for wind drift. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201970.	2.6	17
317	Stage-dependent distribution of the Critically Endangered Amsterdam albatross in relation to Economic Exclusive Zones. <i>Endangered Species Research</i> , 2014, 23, 263-276.	2.4	17
318	La recolonisation des Îles Crozet par les otaries ( <i>Arctocephalus tropicalis</i> et <i>A. gazella</i> ). <i>Mammalia</i> , 1982, 46, .	0.7	16
319	Interpreting <sc>ELISA</sc> analyses from wild animal samples: Some recurrent issues and solutions. <i>Functional Ecology</i> , 2017, 31, 2255-2262.	3.6	16
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321	Demographic Responses to Oxidative Stress and Inflammation in the Wandering Albatross ( <i>Diomedea</i> ) Tj ETQq1 1 0.784314 rgBT /Over	2.5	16
322	Piecing together the global population puzzle of wandering albatrosses: genetic analysis of the Amsterdam albatross <i>Diomedea amsterdamensis</i>. <i>Journal of Avian Biology</i> , 2011, 42, 69-79.	1.2	15
323	Vultures of the Seas: Hyperacidic Stomachs in Wandering Albatrosses as an Adaptation to Dispersed Food Resources, including Fishery Wastes. <i>PLoS ONE</i> , 2012, 7, e37834.	2.5	15
324	Assessing the effect of satellite transmitters on the demography of the Wandering Albatross <i>Diomedea exulans</i> . <i>Journal of Ornithology</i> , 2012, 153, 375-383.	1.1	14

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326	First explorations: ontogeny of central place foraging directions in two tropical seabirds. <i>Behavioral Ecology</i> , 2020, 31, 815-825.	2.2	14
327	Foraging in a changing environment: habitat shifts of an oceanic predator over the last half century. <i>Ecography</i> , 2013, 36, 57-67.	4.5	13
328	What shall I do now? State-dependent variations of life-history traits with aging in Wandering Albatrosses. <i>Ecology and Evolution</i> , 2014, 4, 474-487.	1.9	13
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330	Importance of accounting for phylogenetic dependence in multi-species mark-recapture studies. <i>Ecological Modelling</i> , 2014, 273, 236-241.	2.5	12
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333	Fathers matter: male body mass affects life-history traits in a size-dimorphic seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170397.	2.6	12
334	High variability in migration and wintering strategies of brown skuas ( <i>Catharacta antarctica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	1.2	12
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340	Sex-Specific Habitat Utilization and Differential Breeding Investments in Christmas Island Frigatebirds throughout the Breeding Cycle. <i>PLoS ONE</i> , 2015, 10, e0129437.	2.5	11
341	Predator and scavenger movements among and within endangered seabird colonies: Opportunities for pathogen spread. <i>Journal of Applied Ecology</i> , 2020, 57, 367-378.	4.0	11
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344	Combining Methods to Describe Important Marine Habitats for Top Predators: Application to Identify Biological Hotspots in Tropical Waters. <i>PLoS ONE</i> , 2014, 9, e115057.	2.5	11
345	Contrasting Strategies of Provisioning and Chick Growth in two Sympatrically Breeding Albatrosses at Campbell Island, New Zealand. <i>Condor</i> , 2000, 102, 804-813.	1.6	10
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347	How do seabirds modify their search behaviour when encountering fishing boats?. <i>PLoS ONE</i> , 2019, 14, e0222615.	2.5	10
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350	Impact of Annual Bacterial Epizootics on Albatross Population on a Remote Island. <i>EcoHealth</i> , 2020, 17, 194-202.	2.0	10
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353	Seabird Migration Strategies: Flight Budgets, Diel Activity Patterns, and Lunar Influence. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	10
354	Sex Differences in Parental Investment and Chick Growth in Wandering Albatrosses: Fitness Consequences. <i>Ecology</i> , 2000, 81, 309.	3.2	9
355	Temporal and Age-Related Changes in Survival Rates of Southern Buller's Albatrosses ( <i>Thalassarche</i> ) $T_j ETQq1 1 0.784314 rgBT / Over$	1.4	8
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358	167 individuals versus millions of hooks: bycatch mitigation in longline fisheries underlies conservation of Amsterdam albatrosses. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 674-688.	2.0	8
359	Recent studies overestimate colonization and extinction events for Adelie Penguin breeding colonies. <i>Auk</i> , 2017, 134, 39-50.	1.4	8
360	Foraging behaviour and habitat use by Indian Yellow-nosed Albatrosses ( <i>Thalassarche carteri</i> ) breeding at Prince Edward Island. <i>Emu</i> , 2018, 118, 353-362.	0.6	8

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363	Differences in foraging habitat result in contrasting fisheries interactions in two albatross populations. <i>Marine Ecology - Progress Series</i> , 2021, 663, 197-208.	1.9	8
364	Application of Inertial and GNSS Integrated Navigation to Seabird Biologging. <i>Journal of Robotics and Mechatronics</i> , 2021, 33, 526-536.	1.0	8
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366	When do older birds better resist stress? A study of the corticosterone stress response in snow petrels. <i>Biology Letters</i> , 2020, 16, 20190733.	2.3	7
367	Causes and consequences of pair-bond disruption in a sex-skewed population of a long-lived monogamous seabird. <i>Ecological Monographs</i> , 2022, 92, .	5.4	7
368	Foraging Zones of Southern Royal Albatrosses. <i>Condor</i> , 2002, 104, 662-667.	1.6	6
369	Growth and energy expenditure of Wandering Albatross <i>Diomedea exulans</i> chicks. <i>Ibis</i> , 2003, 146, 85-94.	1.9	6
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371	Diel at-sea activity of two species of great albatrosses: the ontogeny of foraging and movement behaviour. <i>Journal of Avian Biology</i> , 2021, 52, .	1.2	6
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375	Flight of frigatebirds inside clouds " energy gain, stability and control. <i>Journal of Theoretical Biology</i> , 2018, 448, 9-16.	1.7	5
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380	Foraging Behavior and Energetics of Albatrosses in Contrasting Breeding Environments. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	4
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386	Spatial segregation in a sexually dimorphic central place forager: Competitive exclusion or niche divergence?. <i>Journal of Animal Ecology</i> , 2021, 90, 2404-2420.	2.8	3
387	The early life of king penguins: ontogeny of dive capacity and foraging behaviour in an expert diver. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	2
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389	The Breeding and Feeding Ecology of the Kerguelen Tern <i>Sterna virgata</i> . <i>Ornis Scandinavica</i> , 1988, 19, 199.	1.0	1
390	First days at sea: depicting migration patterns of juvenile seabirds in highly impacted seascapes. <i>PeerJ</i> , 2021, 9, e11054.	2.0	1
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