

# Henri Weimerskirch

## List of Publications by Citations

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389 papers	22,207 citations	84 h-index	125 g-index
402 ext. papers	24,923 ext. citations	5.1 avg, IF	7.09 L-index

#	Paper	IF	Citations
389	Are seabirds foraging for unpredictable resources?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2007</b> , 54, 211-223	2.3	388
388	Migratory shearwaters integrate oceanic resources across the Pacific Ocean in an endless summer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 12799-802	11.5	353
387	Satellite tracking of Wandering albatrosses. <i>Nature</i> , <b>1990</b> , 343, 746-748	50.4	353
386	At-sea distribution and scale-dependent foraging behaviour of petrels and albatrosses: a comparative study. <i>Journal of Animal Ecology</i> , <b>2007</b> , 76, 9-19	4.7	335
385	The importance of oceanographic fronts to marine birds and mammals of the southern oceans. <i>Journal of Marine Systems</i> , <b>2009</b> , 78, 363-376	2.7	323
384	Energy saving in flight formation. <i>Nature</i> , <b>2001</b> , 413, 697-8	50.4	322
383	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. <i>Global Change Biology</i> , <b>2014</b> , 20, 3004-25	11.4	319
382	Emperor penguins and climate change. <i>Nature</i> , <b>2001</b> , 411, 183-6	50.4	316
381	Assessing the impact of climate variation on survival in vertebrate populations. <i>Biological Reviews</i> , <b>2008</b> , 83, 357-99	13.5	289
380	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. <i>Biological Conservation</i> , <b>1997</b> , 79, 257-270	6.2	284
379	Senescence rates are determined by ranking on the fast-slow life-history continuum. <i>Ecology Letters</i> , <b>2008</b> , 11, 664-73	10	268
378	Fast and fuel efficient? Optimal use of wind by flying albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2000</b> , 267, 1869-74	4.4	259
377	Reproductive Effort in Long-Lived Birds: Age-Specific Patterns of Condition, Reproduction and Survival in the Wandering Albatross. <i>Oikos</i> , <b>1992</b> , 64, 464	4	254
376	Changes in wind pattern alter albatross distribution and life-history traits. <i>Science</i> , <b>2012</b> , 335, 211-4	33.3	226
375	Foraging success of biological Lfy flights recorded in situ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 7169-74	11.5	211
374	ALTERNATIVE FORAGING STRATEGIES AND RESOURCE ALLOCATION BY MALE AND FEMALE WANDERING ALBATROSSES. <i>Ecology</i> , <b>1997</b> , 78, 2051-2063	4.6	185
373	Population Dynamics of the Wandering Albatross, <i>Diomedea exulans</i> , of the Crozet Islands: Causes and Consequences of the Population Decline. <i>Oikos</i> , <b>1987</b> , 49, 315	4	183

372	Top marine predators track Lagrangian coherent structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 8245-50	11.5	177
371	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> , <b>2009</b> , 106, 1844-7	11.5	174
370	Does prey capture induce area-restricted search? A fine-scale study using GPS in a marine predator, the wandering albatross. <i>American Naturalist</i> , <b>2007</b> , 170, 734-43	3.7	174
369	Trends in bird and seal populations as indicators of a system shift in the Southern Ocean. <i>Antarctic Science</i> , <b>2003</b> , 15, 249-256	1.7	170
368	GPS tracking of foraging albatrosses. <i>Science</i> , <b>2002</b> , 295, 1259	33.3	165
367	Body Condition and Seabird Reproductive Performance: A Study of Three Petrel Species. <i>Ecology</i> , <b>1995</b> , 76, 2240-2246	4.6	161
366	Alternate long and short foraging trips in pelagic seabird parents. <i>Animal Behaviour</i> , <b>1994</b> , 47, 472-476	2.8	153
365	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> , <b>1998</b> , 67, 99-109	4.7	151
364	Influence of Body Condition on Reproductive Decision and Reproductive Success in the Blue Petrel. <i>Auk</i> , <b>1995</b> , 112, 964-972	2.1	149
363	Patterns of aging in the long-lived wandering albatross. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6370-5	11.5	141
362	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> , <b>2010</b> , 24, 3456-60	2.2	141
361	LONG-TERM CONTRASTED RESPONSES TO CLIMATE OF TWO ANTARCTIC SEABIRD SPECIES. <i>Ecology</i> , <b>2005</b> , 86, 2889-2903	4.6	140
360	High annual variability in reproductive success and survival of an Antarctic seabird, the snow petrel <i>Pagodroma nivea</i> : A 27-year study. <i>Oecologia</i> , <b>1993</b> , 94, 278-285	2.9	139
359	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> , <b>2008</b> , 105, 4576-81	11.5	137
358	Generation time and temporal scaling of bird population dynamics. <i>Nature</i> , <b>2005</b> , 436, 99-102	50.4	136
357	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> , <b>1994</b> , 63, 275	4.7	136
356	Scale-dependent hierarchical adjustments of movement patterns in a long-range foraging seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270, 1143-8	4.4	131
355	Age, experience and reproductive performance in a long-lived bird: a hormonal perspective. <i>Behavioral Ecology and Sociobiology</i> , <b>2007</b> , 61, 611-621	2.5	130

354	Scale-dependent habitat use in a long-ranging central place predator. <i>Journal of Animal Ecology</i> , <b>2005</b> , 74, 852-863	4.7	130
353	Incubation routine, body mass regulation and egg neglect in the Blue Petrel <i>Halobaena caerulea</i> . <i>Ibis</i> , <b>1994</b> , 136, 285-290	1.9	129
352	Applying global criteria to tracking data to define important areas for marine conservation. <i>Diversity and Distributions</i> , <b>2016</b> , 22, 422-431	5	128
351	Effects of climate variability on the temporal population dynamics of southern fulmars. <i>Journal of Animal Ecology</i> , <b>2003</b> , 72, 576-587	4.7	127
350	Functional significance of sexual dimorphism in Wandering Albatrosses, <i>Diomedea exulans</i> . <i>Functional Ecology</i> , <b>2001</b> , 15, 203-210	5.6	126
349	Modelling the impact of fishery by-catches on albatross populations. <i>Journal of Applied Ecology</i> , <b>2001</b> , 38, 1182-1196	5.8	126
348	Oceanic respite for wandering albatrosses. <i>Nature</i> , <b>2000</b> , 406, 955-6	50.4	126
347	Climate and density shape population dynamics of a marine top predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270, 2111-6	4.4	124
346	The Avifauna of the Kerguelen Islands. <i>Emu</i> , <b>1989</b> , 89, 15-29	1.1	124
345	Antarctic birds breed later in response to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 6248-51	11.5	122
344	Using stable-isotope analysis of feathers to distinguish moulting and breeding origins of seabirds. <i>Oecologia</i> , <b>2000</b> , 122, 155-162	2.9	122
343	Research priorities for seabirds: improving conservation and management in the 21st century. <i>Endangered Species Research</i> , <b>2012</b> , 17, 93-121	2.5	121
342	Interactions between longline vessels and seabirds in Kerguelen waters and a method to reduce seabird mortality. <i>Biological Conservation</i> , <b>1996</b> , 75, 63-70	6.2	120
341	Interpolation of animal tracking data in a fluid environment. <i>Journal of Experimental Biology</i> , <b>2006</b> , 209, 128-40	3	119
340	Factors affecting the number and mortality of seabirds attending trawlers and long-liners in the Kerguelen area. <i>Polar Biology</i> , <b>2000</b> , 23, 236-249	2	118
339	Remote-sensing systems and seabirds: their use, abuse and potential for measuring marine environmental variables. <i>Marine Ecology - Progress Series</i> , <b>2002</b> , 228, 241-261	2.6	117
338	The breeding biology and population dynamics of King Penguins <i>Aptenodytes patagonica</i> on the Crozet Islands. <i>Ibis</i> , <b>2008</b> , 134, 107-117	1.9	115
337	Foraging strategy of a top predator in tropical waters: great frigatebirds in the Mozambique Channel. <i>Marine Ecology - Progress Series</i> , <b>2004</b> , 275, 297-308	2.6	114

336	PREY DISTRIBUTION AND PATCHINESS: FACTORS IN FORAGING SUCCESS AND EFFICIENCY OF WANDERING ALBATROSSES. <i>Ecology</i> , <b>2005</b> , 86, 2611-2622	4.6	113
335	Resource partitioning within a tropical seabird community: new information from stable isotopes. <i>Marine Ecology - Progress Series</i> , <b>2008</b> , 366, 281-291	2.6	113
334	How life history influences population dynamics in fluctuating environments. <i>American Naturalist</i> , <b>2013</b> , 182, 743-59	3.7	111
333	ENVIRONMENTAL CONDITIONS AND BREEDING EXPERIENCE AFFECT COSTS OF REPRODUCTION IN BLUE PETRELS. <i>Ecology</i> , <b>2005</b> , 86, 682-692	4.6	110
332	The conservation status and priorities for albatrosses and large petrels. <i>Biological Conservation</i> , <b>2016</b> , 201, 169-183	6.2	109
331	Life-History Variation Predicts the Effects of Demographic Stochasticity on Avian Population Dynamics. <i>American Naturalist</i> , <b>2004</b> , 164, 793-802	3.7	109
330	Feeding ecology of short-tailed shearwaters: breeding in Tasmania and foraging in the Antarctic?. <i>Marine Ecology - Progress Series</i> , <b>1998</b> , 167, 261-274	2.6	109
329	Modulation of prolactin but not corticosterone responses to stress in relation to parental effort in a long-lived bird. <i>Hormones and Behavior</i> , <b>2005</b> , 47, 459-66	3.7	106
328	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> , <b>1997</b> , 8, 635-643	2.3	103
327	SEX DIFFERENCES IN PARENTAL INVESTMENT AND CHICK GROWTH IN WANDERING ALBATROSSES: FITNESS CONSEQUENCES. <i>Ecology</i> , <b>2000</b> , 81, 309-318	4.6	101
326	Foraging white-chinned petrels <i>Procellaria aequinoctialis</i> at risk: from the tropics to Antarctica. <i>Biological Conservation</i> , <b>1999</b> , 87, 273-275	6.2	101
325	Habitat preference, accessibility, and competition limit the global distribution of breeding Black-browed Albatrosses. <i>Ecological Monographs</i> , <b>2011</b> , 81, 141-167	9	100
324	Estimating density dependence from population time series using demographic theory and life-history data. <i>American Naturalist</i> , <b>2002</b> , 159, 321-37	3.7	99
323	Corticosterone and foraging behavior in a pelagic seabird. <i>Physiological and Biochemical Zoology</i> , <b>2007</b> , 80, 283-92	2	98
322	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> , <b>2007</b> , 54, 193-210	2.3	97
321	Personality, foraging and fitness consequences in a long lived seabird. <i>PLoS ONE</i> , <b>2014</b> , 9, e87269	3.7	94
320	Hormonal correlates of individual quality in a long-lived bird: a test of the 'corticosterone-fitness hypothesis'. <i>Biology Letters</i> , <b>2010</b> , 6, 846-9	3.6	94
319	Regulation of foraging trips and incubation routine in male and female wandering albatrosses. <i>Oecologia</i> , <b>1995</b> , 102, 37-43	2.9	94

318	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> , <b>2002</b> , 71, 765-770	4.7	93
317	Population sex ratio variation in a monogamous long-lived bird, the wandering albatross. <i>Journal of Animal Ecology</i> , <b>2005</b> , 74, 285-291	4.7	93
316	Age-specific reproductive success in a long-lived bird: do older parents resist stress better?. <i>Journal of Animal Ecology</i> , <b>2007</b> , 76, 1181-91	4.7	92
315	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> , <b>2002</b> , 205, 475-483	3	92
314	Foraging effort in relation to the constraints of reproduction in free-ranging albatrosses. <i>Functional Ecology</i> , <b>2003</b> , 17, 66-74	5.6	91
313	Activity pattern of foraging in the wandering albatross: a marine predator with two modes of prey searching. <i>Marine Ecology - Progress Series</i> , <b>1997</b> , 151, 245-254	2.6	91
312	Effects of climate change and fisheries bycatch on Southern Ocean seabirds: a review. <i>Marine Ecology - Progress Series</i> , <b>2012</b> , 454, 285-307	2.6	90
311	Use of social information in seabirds: compass rafts indicate the heading of food patches. <i>PLoS ONE</i> , <b>2010</b> , 5, e9928	3.7	89
310	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> , <b>2009</b> , 391, 267-278	2.6	88
309	Modelling population dynamics of seabirds: importance of the effects of climate fluctuations on breeding proportions. <i>Oikos</i> , <b>2005</b> , 108, 511-522	4	87
308	Demographic responses to mercury exposure in two closely related Antarctic top predators. <i>Ecology</i> , <b>2014</b> , 95, 1075-86	4.6	86
307	Exchange of the Wandering Albatross <i>Diomedea Exulans</i> Between the Prince Edward and Crozet Islands: Implications for Conservation. <i>African Journal of Marine Science</i> , <b>2003</b> , 25, 519-523	0.8	86
306	Diving depths of albatrosses. <i>Antarctic Science</i> , <b>1994</b> , 6, 353-354	1.7	86
305	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , <b>2020</b> , 580, 87-92	50.4	83
304	Sex-specific foraging behaviour in a seabird with reversed sexual dimorphism: the red-footed booby. <i>Oecologia</i> , <b>2006</b> , 146, 681-91	2.9	83
303	Influence of environmental variability on breeding effort in a long-lived seabird, the yellow-nosed albatross. <i>Behavioral Ecology</i> , <b>2001</b> , 12, 22-30	2.3	81
302	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> , <b>2002</b> , 205, 475-83	3	81
301	Using stable isotopes to study resource acquisition and allocation in procellariiform seabirds. <i>Oecologia</i> , <b>2005</b> , 145, 533-40	2.9	80

- 300 Local depletion by a fishery can affect seabird foraging. *Journal of Applied Ecology*, **2012**, 49, 1168-1177 5.8 79
- 299 Banding Recoveries and the Dispersal of Seabirds Breeding in French Austral and Antarctic Territories. *Emu*, **1985**, 85, 22-33 1.1 79
- 298 Projected poleward shift of king penguins' (*Aptenodytes patagonicus*) foraging range at the Crozet Islands, southern Indian Ocean. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 2515-2534 4.4 78
- 297 The seabird paradox: dispersal, genetic structure and population dynamics in a highly mobile, but philopatric albatross species. *Molecular Ecology*, **2008**, 17, 1658-73 5.7 78
- 296 Comparative ecology of the six albatross species breeding on the Crozet Islands. *Ibis*, **2008**, 128, 195-213 1.9 78
- 295 Flight performance: Frigatebirds ride high on thermals. *Nature*, **2003**, 421, 333-4 50.4 78
- 294 Do naive juvenile seabirds forage differently from adults?. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20131434 4.4 77
- 293 The three-dimensional flight of red-footed boobies: adaptations to foraging in a tropical environment?. *Proceedings of the Royal Society B: Biological Sciences*, **2005**, 272, 53-61 4.4 77
- 292 Environmental variation and experience-related differences in the demography of the long-lived black-browed albatross. *Journal of Animal Ecology*, **2007**, 76, 159-67 4.7 76
- 291 Diseases threaten Southern Ocean albatrosses. *Polar Biology*, **2004**, 27, 374-379 2 76
- 290 Foraging strategy of a tropical seabird, the red-footed booby, in a dynamic marine environment. *Marine Ecology - Progress Series*, **2005**, 288, 251-261 2.6 76
- 289 Seasonal changes in the provisioning behaviour and mass of male and female wandering albatrosses in relation to the growth of their chick. *Polar Biology*, **2000**, 23, 733-744 2 75
- 288 Effects of climate change on an emperor penguin population: analysis of coupled demographic and climate models. *Global Change Biology*, **2012**, 18, 2756-70 11.4 74
- 287 Sea ice affects the population dynamics of Adlie penguins in Terre Adlie. *Polar Biology*, **2006**, 29, 413-423 3.1 74
- 286 Spawning cycle of onychoteuthid squids in the southern Indian Ocean: new information from seabird predators. *Marine Ecology - Progress Series*, **1999**, 188, 93-104 2.6 74
- 285 Large-scale climatic anomalies affect marine predator foraging behaviour and demography. *Nature Communications*, **2015**, 6, 8220 17.4 73
- 284 Adjustment of parental effort to manipulated foraging ability in a pelagic seabird, the thin-billed prion *Pachyptila belcheri*. *Behavioral Ecology and Sociobiology*, **1995**, 36, 11-16 2.5 73
- 283 The Influence of Age and Experience on Breeding Performance of the Antarctic Fulmar, *Fulmarus glacialis*. *Journal of Animal Ecology*, **1990**, 59, 867 4.7 73



282	Projected continent-wide declines of the emperor penguin under climate change. <i>Nature Climate Change</i> , <b>2014</b> , 4, 715-718	21.4	72
281	Extinction in relation to demographic and environmental stochasticity in age-structured models. <i>Mathematical Biosciences</i> , <b>2005</b> , 195, 210-27	3.9	71
280	Foraging efficiency and adjustment of energy expenditure in a pelagic seabird provisioning its chick. <i>Journal of Animal Ecology</i> , <b>2003</b> , 72, 500-508	4.7	71
279	Evidence of a shift in the cyclicity of Antarctic seabird dynamics linked to climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2005</b> , 272, 887-95	4.4	71
278	Behavioural factors affecting foraging effort of breeding wandering albatrosses. <i>Journal of Animal Ecology</i> , <b>2001</b> , 70, 864-874	4.7	71
277	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> , <b>2015</b> , 505, 180-8	10.2	70
276	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> , <b>2014</b> , 281,	4.4	70
275	Frigate birds track atmospheric conditions over months-long transoceanic flights. <i>Science</i> , <b>2016</b> , 353, 74-8	33.3	69
274	Exploitation of distant Antarctic waters and close shelf-break waters by white-chinned petrels rearing chicks. <i>Marine Ecology - Progress Series</i> , <b>2000</b> , 194, 249-261	2.6	69
273	Lifetime foraging patterns of the wandering albatross: Life on the move!. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2014</b> , 450, 68-78	2.1	68
272	Contrasted demographic responses facing future climate change in Southern Ocean seabirds. <i>Journal of Animal Ecology</i> , <b>2011</b> , 80, 89-100	4.7	68
271	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> , <b>2006</b> , 149, 1-9	3	68
270	Bet-hedging response to environmental variability, an intraspecific comparison. <i>Ecology</i> , <b>2010</b> , 91, 2416-2426	4.7	67
269	Spatiotemporal habitat use by breeding sooty shearwaters <i>Puffinus griseus</i> . <i>Marine Ecology - Progress Series</i> , <b>2009</b> , 391, 209-220	2.6	67
268	Conserving pelagic habitats: seascape modelling of an oceanic top predator. <i>Journal of Applied Ecology</i> , <b>2011</b> , 48, 121-132	5.8	66
267	Evidence for an age-dependent influence of environmental variations on a long-lived seabird's life-history traits. <i>Ecology</i> , <b>2013</b> , 94, 208-20	4.6	65
266	Effect of environmental variability on habitat selection, diet, provisioning behaviour and chick growth in yellow-nosed albatrosses. <i>Marine Ecology - Progress Series</i> , <b>2005</b> , 298, 295-304	2.6	64
265	Tracking seabirds to identify potential Marine Protected Areas in the tropical western Indian Ocean. <i>Biological Conservation</i> , <b>2012</b> , 156, 83-93	6.2	63



264	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> , <b>2000</b> , 207, 183-199	2.6	63
263	Extreme variation in migration strategies between and within wandering albatross populations during their sabbatical year, and their fitness consequences. <i>Scientific Reports</i> , <b>2015</b> , 5, 8853	4.9	62
262	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> , <b>2003</b> , 34, 170-176	1.9	62
261	Flights of drones over sub-Antarctic seabirds show species- and status-specific behavioural and physiological responses. <i>Polar Biology</i> , <b>2018</b> , 41, 259-266	2	62
260	Foraging Ranges and Partitioning of Feeding Zones in Three Species of Southern Albatrosses. <i>Condor</i> , <b>1988</b> , 90, 214-219	2.1	61
259	Poor transferability of species distribution models for a pelagic predator, the grey petrel, indicates contrasting habitat preferences across ocean basins. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120014	3.7	61
258	Age and the timing of breeding in a long-lived bird: a role for stress hormones?. <i>Functional Ecology</i> , <b>2010</b> , 24, 1007-1016	5.6	60
257	Survival in Five Southern Albatrosses and its Relationship with Their Life History. <i>Journal of Animal Ecology</i> , <b>1987</b> , 56, 1043	4.7	59
256	Seabird associations with mesoscale eddies: the subtropical Indian Ocean. <i>Marine Ecology - Progress Series</i> , <b>2006</b> , 324, 271-279	2.6	59
255	Combined effects of fisheries and climate on a migratory long-lived marine predator. <i>Journal of Applied Ecology</i> , <b>2007</b> , 45, 4-13	5.8	58
254	Seasonal variation in oceanographic habitat and behaviour of white-chinned petrels <i>Procellaria aequinoctialis</i> from Kerguelen Island. <i>Marine Ecology - Progress Series</i> , <b>2010</b> , 416, 267-284	2.6	58
253	Wandering albatrosses document latitudinal variations in the transfer of persistent organic pollutants and mercury to Southern Ocean predators. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 14746-55	10.3	56
252	Seabird community structure in a coastal tropical environment: importance of natural factors and fish aggregating devices (FADs). <i>Marine Ecology - Progress Series</i> , <b>2004</b> , 268, 281-292	2.6	56
251	Mating behavior, population growth, and the operational sex ratio: a periodic two-sex model approach. <i>American Naturalist</i> , <b>2010</b> , 175, 739-52	3.7	54
250	Ultimate and proximate factors affecting the breeding performance of a marine top-predator. <i>Oikos</i> , <b>2002</b> , 99, 141-150	4	54
249	Demographic routes to variability and regulation in bird populations. <i>Nature Communications</i> , <b>2016</b> , 7, 12001	17.4	54
248	Relative influence of fisheries and climate on the demography of four albatross species. <i>Global Change Biology</i> , <b>2010</b> , 16, 1910-1922	11.4	53
247	Surviving with low genetic diversity: the case of albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 779-87	4.4	53

246	High occurrence of jellyfish predation by black-browed and Campbell albatross identified by DNA metabarcoding. <i>Molecular Ecology</i> , <b>2017</b> , 26, 4831-4845	5.7	52
245	Chick provisioning by the Yellow-nosed Albatross <i>Diomedea chlororhynchos</i> : response of foraging effort to experimentally increased costs and demands. <i>Ibis</i> , <b>2008</b> , 142, 103-110	1.9	52
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243	Global phenological insensitivity to shifting ocean temperatures among seabirds. <i>Nature Climate Change</i> , <b>2018</b> , 8, 313-318	21.4	50
242	Differences in boldness are repeatable and heritable in a long-lived marine predator. <i>Ecology and Evolution</i> , <b>2013</b> , 3, 4291-9	2.8	50
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240	Population Changes and Demography of the Northern Rockhopper Penguin on Amsterdam and Saint Paul Islands. <i>Waterbirds</i> , <b>1998</b> , 21, 222		49
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238	Postnatal dispersal of wandering albatrosses <i>Diomedea exulans</i> : implications for the conservation of the species. <i>Journal of Avian Biology</i> , <b>2006</b> , 37, 23-28	1.9	48
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234	Population trends in a community of large Procellariiforms of Indian Ocean: Potential effects of environment and fisheries interactions. <i>Biological Conservation</i> , <b>2008</b> , 141, 1840-1856	6.2	47
233	Combination of At-Sea Activity, Geolocation and Feather Stable Isotopes Documents Where and When Seabirds Molt. <i>Frontiers in Ecology and Evolution</i> , <b>2016</b> , 4,	3.7	47
232	A comparison of the olfactory abilities of three species of procellariiform chicks. <i>Journal of Experimental Biology</i> , <b>2003</b> , 206, 1615-20	3	46
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228	Frigatebird behaviour at the ocean-atmosphere interface: integrating animal behaviour with multi-satellite data. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 3351-8	4.1	44
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226	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20191472	4.4	42
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196	Postbreeding Movements of Frigatebirds Tracked with Satellite Telemetry. <i>Condor</i> , <b>2006</b> , 108, 220	2.1	36
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140	Magnetic cues: are they important in Black-browed Albatross <i>Diomedea melanophrys</i> orientation?. <i>Ibis</i> , <b>2002</b> , 145, 152-155	1.9	25
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60	Combining Methods to Describe Important Marine Habitats for Top Predators: Application to Identify Biological Hotspots in Tropical Waters. <i>PLoS ONE</i> , <b>2014</b> , 9, e115057	3.7	9
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37	Foraging Zones of Southern Royal Albatrosses. <i>Condor</i> , <b>2002</b> , 104, 662-667	2.1	5
36	Growth and energy expenditure of Wandering Albatross <i>Diomedea exulans</i> chicks. <i>Ibis</i> , <b>2003</b> , 146, 85-94	1.9	5
35	Impact of Annual Bacterial Epizootics on Albatross Population on a Remote Island. <i>EcoHealth</i> , <b>2020</b> , 17, 194-202	3.1	5
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32	Progressive ontogenetic niche shift over the prolonged immaturity period of wandering albatrosses. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 171039	3.3	4
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22	When do older birds better resist stress? A study of the corticosterone stress response in snow petrels. <i>Biology Letters</i> , <b>2020</b> , 16, 20190733	3.6	2
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20	Differences in foraging habitat result in contrasting fisheries interactions in two albatross populations. <i>Marine Ecology - Progress Series</i> , <b>2021</b> , 663, 197-208	2.6	2
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9	Where to head: environmental conditions shape foraging destinations in a critically endangered seabird. <i>Marine Biology</i> , <b>2021</b> , 168, 1	2.5	1
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