

Henri Weimerskirch

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2613536/henri-weimerskirch-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Ocean wave observation utilizing motion records of seabirds. <i>Progress in Oceanography</i> , 2022 , 200, 102733	3.8	1
388	First evidence of migration across the South Pacific in endangered Amsterdam albatross and conservation implications. <i>Marine Policy</i> , 2022 , 136, 104921	3.5	
387	Independent evolution of intermediate bill widths in a seabird clade.. <i>Molecular Genetics and Genomics</i> , 2021 , 297, 183	3.1	1
386	A juvenile Tristan albatross (<i>Diomedea dabbenena</i>) on land at the Crozet Islands. <i>Polar Biology</i> , 2021 , 44, 229-233	2	
385	Global political responsibility for the conservation of albatrosses and large petrels. <i>Science Advances</i> , 2021 , 7,	14.3	9
384	Differences in foraging habitat result in contrasting fisheries interactions in two albatross populations. <i>Marine Ecology - Progress Series</i> , 2021 , 663, 197-208	2.6	2
383	Predation by feral cats threatens great albatrosses. <i>Biological Invasions</i> , 2021 , 23, 2389-2405	2.7	1
382	First days at sea: depicting migration patterns of juvenile seabirds in highly impacted seascapes. <i>PeerJ</i> , 2021 , 9, e11054	3.1	
381	Application of Inertial and GNSS Integrated Navigation to Seabird Biologging. <i>Journal of Robotics and Mechatronics</i> , 2021 , 33, 526-536	0.7	2
380	Spatial segregation in a sexually dimorphic central place forager: Competitive exclusion or niche divergence?. <i>Journal of Animal Ecology</i> , 2021 , 90, 2404-2420	4.7	2
379	Where to head: environmental conditions shape foraging destinations in a critically endangered seabird. <i>Marine Biology</i> , 2021 , 168, 1	2.5	1
378	Factors affecting adult body condition in the endangered northern rockhopper penguin. <i>Marine Biology</i> , 2021 , 168, 1	2.5	
377	Fine-scale interactions between boats and large albatrosses indicate variable susceptibility to bycatch risk according to species and populations. <i>Animal Conservation</i> , 2021 , 24, 689-699	3.2	3
376	Albatrosses respond adaptively to climate variability by changing variance in a foraging trait. <i>Global Change Biology</i> , 2021 , 27, 4564-4574	11.4	0
375	Untangling local and remote influences in two major petrel habitats in the oligotrophic Southern Ocean. <i>Global Change Biology</i> , 2021 , 27, 5773-5785	11.4	
374	Dynamic enforcement of bycatch via reproductive value can increase theoretical efficiency. <i>Marine Policy</i> , 2021 , 132, 104684	3.5	
373	Projected migrations of southern Indian Ocean albatrosses as a response to climate change. <i>Ecography</i> , 2020 , 43, 1683-1691	6.5	1

372	Niche switching and leapfrog foraging: movement ecology of sympatric petrels during the early breeding season. <i>Movement Ecology</i> , 2020 , 8, 23	4.6	3
371	Sex-specific effects of wind on the flight decisions of a sexually dimorphic soaring bird. <i>Journal of Animal Ecology</i> , 2020 , 89, 1811-1823	4.7	13
370	Population trends of penguins in the French Southern Territories. <i>Polar Biology</i> , 2020 , 43, 835-850	2	9
369	High mortality rates in a juvenile free-ranging marine predator and links to dive and forage ability. <i>Ecology and Evolution</i> , 2020 , 10, 410-430	2.8	8
368	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020 , 580, 87-92	50.4	83
367	The retrospective analysis of Antarctic tracking data project. <i>Scientific Data</i> , 2020 , 7, 94	8.2	14
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	3.6	2
365	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	11.5	38
364	Flying to the moon: Lunar cycle influences trip duration and nocturnal foraging behavior of the wedge-tailed shearwater <i>Ardenna pacifica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2020 , 525, 151322	2.1	5
363	First explorations: ontogeny of central place foraging directions in two tropical seabirds. <i>Behavioral Ecology</i> , 2020 , 31, 815-825	2.3	3
362	A framework for mapping the distribution of seabirds by integrating tracking, demography and phenology. <i>Journal of Applied Ecology</i> , 2020 , 57, 514-525	5.8	26
361	At-sea movements of wedge-tailed shearwaters during and outside the breeding season from four colonies in New Caledonia. <i>Marine Ecology - Progress Series</i> , 2020 , 633, 225-238	2.6	8
360	The Paris Agreement objectives will likely halt future declines of emperor penguins. <i>Global Change Biology</i> , 2020 , 26, 1170-1184	11.4	15
359	Development of flight and foraging behaviour in a juvenile seabird with extreme soaring capacities. <i>Journal of Animal Ecology</i> , 2020 , 89, 20-28	4.7	9
358	Predator and scavenger movements among and within endangered seabird colonies: Opportunities for pathogen spread. <i>Journal of Applied Ecology</i> , 2020 , 57, 367-378	5.8	7
357	Foraging tactics in dynamic sea-ice habitats affect individual state in a long-ranging seabird. <i>Functional Ecology</i> , 2020 , 34, 1839-1856	5.6	3
356	Albatrosses can memorize locations of predictable fishing boats but favour natural foraging. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200958	4.4	7
355	Impact of Annual Bacterial Epizootics on Albatross Population on a Remote Island. <i>EcoHealth</i> , 2020 , 17, 194-202	3.1	5

354	Young frigatebirds learn how to compensate for wind drift. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201970	4.4	7
353	Behavioral and trophic segregations help the Tahiti petrel to cope with the abundance of wedge-tailed shearwater when foraging in oligotrophic tropical waters. <i>Scientific Reports</i> , 2020 , 10, 15129	4.9	3
352	Coordination in parental effort decreases with age in a long-lived seabird. <i>Oikos</i> , 2020 , 129, 1763-1772	4	3
351	Inter-population variation in the behaviour of adult and juvenile Red-footed Boobies <i>Sula sula</i> . <i>Ibis</i> , 2020 , 162, 460-476	1.9	2
350	The dive performance of immature king penguins following their annual molt suggests physiological constraints. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	4
349	How do seabirds modify their search behaviour when encountering fishing boats?. <i>PLoS ONE</i> , 2019 , 14, e0222615	3.7	4
348	The importance of migratory connectivity for global ocean policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191472	4.4	42
347	Additive Traits Lead to Feeding Advantage and Reproductive Isolation, Promoting Homoploid Hybrid Speciation. <i>Molecular Biology and Evolution</i> , 2019 , 36, 1671-1685	8.3	9
346	Behavioural plasticity in the early breeding season of pelagic seabirds - a case study of thin-billed prions from two oceans. <i>Movement Ecology</i> , 2019 , 7, 1	4.6	19
345	Cyclone avoidance behaviour by foraging seabirds. <i>Scientific Reports</i> , 2019 , 9, 5400	4.9	10
344	Important areas and conservation sites for a community of globally threatened marine predators of the Southern Indian Ocean. <i>Biological Conservation</i> , 2019 , 234, 192-201	6.2	22
343	Radar detectors carried by Cape gannets reveal surprisingly few fishing vessel encounters. <i>PLoS ONE</i> , 2019 , 14, e0210328	3.7	7
342	Exposure of breeding albatrosses to the agent of avian cholera: dynamics of antibody levels and ecological implications. <i>Oecologia</i> , 2019 , 189, 939-949	2.9	10
341	Is telomere length a molecular marker of individual quality? Insights from a long-lived bird. <i>Functional Ecology</i> , 2019 , 33, 1076-1087	5.6	35
340	Exploration during early life: distribution, habitat and orientation preferences in juvenile king penguins. <i>Movement Ecology</i> , 2019 , 7, 29	4.6	8
339	Body condition influences ontogeny of foraging behavior in juvenile southern elephant seals. <i>Ecology and Evolution</i> , 2019 , 9, 223-236	2.8	23
338	Wettability of juvenile plumage as a major cause of mortality threatens endangered Barau's petrel. <i>Journal of Avian Biology</i> , 2019 , 50,	1.9	2
337	The diversity of population responses to environmental change. <i>Ecology Letters</i> , 2019 , 22, 342-353	10	31

336	Linking demographic processes and foraging ecology in wandering albatross-Conservation implications. <i>Journal of Animal Ecology</i> , 2018 , 87, 945-955	4.7	22
335	Vaccination protects endangered albatross chicks against avian cholera. <i>Conservation Letters</i> , 2018 , 11, e12443	6.9	13
334	Linking oceanographic conditions, migratory schedules and foraging behaviour during the non-breeding season to reproductive performance in a long-lived seabird. <i>Functional Ecology</i> , 2018 , 32, 2040-2053	5.6	17
333	Global phenological insensitivity to shifting ocean temperatures among seabirds. <i>Nature Climate Change</i> , 2018 , 8, 313-318	21.4	50
332	Flight of frigatebirds inside clouds - energy gain, stability and control. <i>Journal of Theoretical Biology</i> , 2018 , 448, 9-16	2.3	2
331	Processing of acceleration and dive data on-board satellite relay tags to investigate diving and foraging behaviour in free-ranging marine predators. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 64-77	7.7	30
330	Use of radar detectors to track attendance of albatrosses at fishing vessels. <i>Conservation Biology</i> , 2018 , 32, 240-245	6	30
329	High variability in migration and wintering strategies of brown skuas (<i>Catharacta antarctica lonnbergi</i>) in the Indian Ocean. <i>Polar Biology</i> , 2018 , 41, 59-70	2	7
328	From early life to senescence: individual heterogeneity in a long-lived seabird. <i>Ecological Monographs</i> , 2018 , 88, 60-73	9	12
327	Interacting effects of unobserved heterogeneity and individual stochasticity in the life history of the southern fulmar. <i>Journal of Animal Ecology</i> , 2018 , 87, 212-222	4.7	20
326	Massive decline of the world's largest king penguin colony at Ile aux Cochons, Crozet. <i>Antarctic Science</i> , 2018 , 30, 236-242	1.7	18
325	Avian cholera outbreaks threaten seabird species on Amsterdam Island. <i>PLoS ONE</i> , 2018 , 13, e0197291	3.7	27
324	Climate change and functional traits affect population dynamics of a long-lived seabird. <i>Journal of Animal Ecology</i> , 2018 , 87, 906-920	4.7	25
323	Young parents produce offspring with short telomeres: A study in a long-lived bird, the Black-browed Albatross (<i>Thalassarche melanophrys</i>). <i>PLoS ONE</i> , 2018 , 13, e0193526	3.7	14
322	Sex differences in individual foraging site fidelity of Campbell albatross. <i>Marine Ecology - Progress Series</i> , 2018 , 601, 227-238	2.6	8
321	Flights of drones over sub-Antarctic seabirds show species- and status-specific behavioural and physiological responses. <i>Polar Biology</i> , 2018 , 41, 259-266	2	62
320	Predicting krill swarm characteristics important for marine predators foraging off East Antarctica. <i>Ecography</i> , 2018 , 41, 996-1012	6.5	14
319	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	1.1	4

318	Demographic, endocrine and behavioral responses to mirex in the South polar skua. <i>Science of the Total Environment</i> , 2018 , 631-632, 317-325	10.2	11
317	Status and trends of albatrosses in the French Southern Territories, Western Indian Ocean. <i>Polar Biology</i> , 2018 , 41, 1963-1972	2	18
316	Contrasting effects of climate and population density over time and life stages in a long-lived seabird. <i>Functional Ecology</i> , 2017 , 31, 1275-1284	5.6	16
315	Large-scale population assessment informs conservation management for seabirds in Antarctica and the Southern Ocean: A case study of Adlie penguins. <i>Global Ecology and Conservation</i> , 2017 , 9, 104-115	2.8	24
314	Reproductive success is driven by local site fidelity despite stronger specialisation by individuals for large-scale habitat preference. <i>Journal of Animal Ecology</i> , 2017 , 86, 674-682	4.7	33
313	Diversity of migration strategies among great frigatebirds populations. <i>Journal of Avian Biology</i> , 2017 , 48, 103-113	1.9	13
312	Tracking reveals limited interactions between Campbell Albatross and fisheries during the breeding season. <i>Journal of Ornithology</i> , 2017 , 158, 725-735	1.5	9
311	Effect of extreme sea surface temperature events on the demography of an age-structured albatross population. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	22
310	Behavioral responses to encounter of fishing boats in wandering albatrosses. <i>Ecology and Evolution</i> , 2017 , 7, 3335-3347	2.8	16
309	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,	4.4	7
308	Ontogeny of foraging behaviour in juvenile red-footed boobies (<i>Sula sula</i>). <i>Scientific Reports</i> , 2017 , 7, 13886	4.9	13
307	Does genetic structure reflect differences in non-breeding movements? A case study in small, highly mobile seabirds. <i>BMC Evolutionary Biology</i> , 2017 , 17, 160	3	17
306	High occurrence of jellyfish predation by black-browed and Campbell albatross identified by DNA metabarcoding. <i>Molecular Ecology</i> , 2017 , 26, 4831-4845	5.7	52
305	Apparent changes in body insulation of juvenile king penguins suggest an energetic challenge during their early life at sea. <i>Journal of Experimental Biology</i> , 2017 , 220, 2666-2678	3	11
304	Interpreting ELISA analyses from wild animal samples: Some recurrent issues and solutions. <i>Functional Ecology</i> , 2017 , 31, 2255-2262	5.6	10
303	A comparative analysis of the behavioral response to fishing boats in two albatross species. <i>Behavioral Ecology</i> , 2017 , 28, 1337-1347	2.3	13
302	Boldness predicts an individual's position along an exploration-exploitation foraging trade-off. <i>Journal of Animal Ecology</i> , 2017 , 86, 1257-1268	4.7	26
301	Effects of variation in the abundance and distribution of prey on the foraging success of central place foragers. <i>Journal of Applied Ecology</i> , 2017 , 54, 1362-1372	5.8	28

300	Identifying Important Atlantic Areas for the conservation of Balearic shearwaters: Spatial overlap with conservation areas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 141, 285-293	2.3	17
299	Recent studies overestimate colonization and extinction events for Adelie Penguin breeding colonies. <i>Auk</i> , 2017 , 134, 39-50	2.1	6
298	Important marine sectors for the top predator community around Kerguelen Archipelago. <i>Polar Biology</i> , 2017 , 40, 365-378	2	13
297	Progressive ontogenetic niche shift over the prolonged immaturity period of wandering albatrosses. <i>Royal Society Open Science</i> , 2017 , 4, 171039	3.3	4
296	Early-life foraging: Behavioral responses of newly fledged albatrosses to environmental conditions. <i>Ecology and Evolution</i> , 2017 , 7, 6766-6778	2.8	33
295	DNA Metabarcoding as a Marine Conservation and Management Tool: A Circumpolar Examination of Fishery Discards in the Diet of Threatened Albatrosses. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	27
294	Foraging Behavior and Energetics of Albatrosses in Contrasting Breeding Environments. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	1
293	Feeding ecology, isotopic niche, and ingestion of fishery-related items of the wandering albatross <i>Diomedea exulans</i> at Kerguelen and Crozet Islands. <i>Marine Ecology - Progress Series</i> , 2017 , 565, 197-215	2.6	23
292	Geographical variation in the foraging behaviour of the pantropical red-footed booby. <i>Marine Ecology - Progress Series</i> , 2017 , 568, 217-230	2.6	25
291	Illegal fishing bycatch overshadows climate as a driver of albatross population decline. <i>Marine Ecology - Progress Series</i> , 2017 , 579, 185-199	2.6	9
290	Early diving behaviour in juvenile penguins: improvement or selection processes. <i>Biology Letters</i> , 2016 , 12,	3.6	26
289	Paternal but not maternal age influences early-life performance of offspring in a long-lived seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	34
288	The conservation status and priorities for albatrosses and large petrels. <i>Biological Conservation</i> , 2016 , 201, 169-183	6.2	109
287	Contrasting movement strategies among juvenile albatrosses and petrels. <i>Scientific Reports</i> , 2016 , 6, 26103	4.9	39
286	Flight paths of seabirds soaring over the ocean surface enable measurement of fine-scale wind speed and direction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9039-44	11.5	35
285	Frigate birds track atmospheric conditions over months-long transoceanic flights. <i>Science</i> , 2016 , 353, 74-8	33.3	69
284	Variability in foraging behaviour of red-footed boobies nesting on Europa Island. <i>Acta Oecologica</i> , 2016 , 72, 87-97	1.7	12
283	Effectiveness of social information used by seabirds searching for unpredictable and ephemeral prey. <i>Behavioral Ecology</i> , 2016 , 27, 1223-1234	2.3	17

282	Flexible flight response to challenging wind conditions in a commuting Antarctic seabird: do you catch the drift?. <i>Animal Behaviour</i> , 2016 , 113, 99-112	2.8	25
281	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	7.9	49
280	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,	3.7	47
279	Applying global criteria to tracking data to define important areas for marine conservation. <i>Diversity and Distributions</i> , 2016 , 22, 422-431	5	128
278	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	2.6	8
277	Impact of changing wind conditions on foraging and incubation success in male and female wandering albatrosses. <i>Journal of Animal Ecology</i> , 2016 , 85, 1318-27	4.7	14
276	Species-specific foraging strategies and segregation mechanisms of sympatric Antarctic fulmarine petrels throughout the annual cycle. <i>Ibis</i> , 2016 , 158, 569-586	1.9	29
275	Variation in the age of first reproduction: different strategies or individual quality?. <i>Ecology</i> , 2016 , 97, 1842-1851	4.6	26
274	Demographic routes to variability and regulation in bird populations. <i>Nature Communications</i> , 2016 , 7, 12001	17.4	54
273	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	4.9	62
272	Albatrosses redirect flight towards vessels at the limit of their visual range. <i>Marine Ecology - Progress Series</i> , 2015 , 526, 199-205	2.6	28
271	The rime of the modern mariner: evidence for capture of yellow-nosed albatross from Amsterdam Island in Indian Ocean longline fisheries. <i>Polar Biology</i> , 2015 , 38, 1297-1300	2	3
270	Year-round distribution suggests spatial segregation of Cory's shearwaters, based on individual experience. <i>Marine Biology</i> , 2015 , 162, 2279-2289	2.5	10
269	Large-scale climatic anomalies affect marine predator foraging behaviour and demography. <i>Nature Communications</i> , 2015 , 6, 8220	17.4	73
268	Senescence rates and late adulthood reproductive success are strongly influenced by personality in a long-lived seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20141649	4.4	24
267	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, 180-8	10.2	70
266	Extreme ecological response of a seabird community to unprecedented sea ice cover. <i>Royal Society Open Science</i> , 2015 , 2, 140456	3.3	28
265	Population density and climate shape early-life survival and recruitment in a long-lived pelagic seabird. <i>Journal of Animal Ecology</i> , 2015 , 84, 1423-33	4.7	42

264	An integrated assessment model of seabird population dynamics: can individual heterogeneity in susceptibility to fishing explain abundance trends in Crozet wandering albatross?. <i>Journal of Applied Ecology</i> , 2015 , 52, 950-959	5.8	23
263	Kite aerial photography: a low-cost method for monitoring seabird colonies. <i>Journal of Field Ornithology</i> , 2015 , 86, 173-179	0.9	10
262	Sex-Specific Habitat Utilization and Differential Breeding Investments in Christmas Island Frigatebirds throughout the Breeding Cycle. <i>PLoS ONE</i> , 2015 , 10, e0129437	3.7	9
261	Spatially Extensive Standardized Surveys Reveal Widespread, Multi-Decadal Increase in East Antarctic Adlie Penguin Populations. <i>PLoS ONE</i> , 2015 , 10, e0139877	3.7	35
260	Predictive modelling of habitat selection by marine predators with respect to the abundance and depth distribution of pelagic prey. <i>Journal of Animal Ecology</i> , 2015 , 84, 1575-88	4.7	31
259	Extreme climate events and individual heterogeneity shape life-history traits and population dynamics. <i>Ecological Monographs</i> , 2015 , 85, 605-624	9	44
258	Evolutionary factors affecting the cross-species utility of newly developed microsatellite markers in seabirds. <i>Molecular Ecology Resources</i> , 2015 , 15, 1046-58	8.4	15
257	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	3.7	61
256	Half a world apart? Overlap in nonbreeding distributions of Atlantic and Indian Ocean thin-billed prions. <i>PLoS ONE</i> , 2015 , 10, e0125007	3.7	13
255	Demographic Responses to Oxidative Stress and Inflammation in the Wandering Albatross (<i>Diomedea exulans</i>). <i>PLoS ONE</i> , 2015 , 10, e0133967	3.7	15
254	Population-specific wintering distributions of adult south polar skuas over three oceans. <i>Marine Ecology - Progress Series</i> , 2015 , 538, 229-237	2.6	25
253	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. <i>Global Change Biology</i> , 2014 , 20, 3004-25	11.4	319
252	Importance of accounting for phylogenetic dependence in multi-species mark-recapture studies. <i>Ecological Modelling</i> , 2014 , 273, 236-241	3	9
251	Demographic responses to mercury exposure in two closely related Antarctic top predators. <i>Ecology</i> , 2014 , 95, 1075-86	4.6	86
250	Lifetime foraging patterns of the wandering albatross: Life on the move!. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014 , 450, 68-78	2.1	68
249	What shall I do now? State-dependent variations of life-history traits with aging in Wandering Albatrosses. <i>Ecology and Evolution</i> , 2014 , 4, 474-87	2.8	11
248	Consistency pays: sex differences and fitness consequences of behavioural specialization in a wide-ranging seabird. <i>Biology Letters</i> , 2014 , 10, 20140630	3.6	33
247	Age, sex, and breeding status shape a complex foraging pattern in an extremely long-lived seabird. <i>Ecology</i> , 2014 , 95, 2324-33	4.6	30

246	Oxidative stress in relation to reproduction, contaminants, gender and age in a long-lived seabird. <i>Oecologia</i> , 2014 , 175, 1107-16	2.9	42
245	Coupling instantaneous energy-budget models and behavioural mode analysis to estimate optimal foraging strategy: an example with wandering albatrosses. <i>Movement Ecology</i> , 2014 , 2, 8	4.6	35
244	Do Introduced Mammals Chronically Impact the Breeding Success of the World's Rarest Albatross?. <i>Ornithological Science</i> , 2014 , 13, 41-46	0.7	8
243	Areas of importance for seabirds tracked from French southern territories, and recommendations for conservation. <i>Marine Policy</i> , 2014 , 48, 1-13	3.5	39
242	Movement models provide insights into variation in the foraging effort of central place foragers. <i>Ecological Modelling</i> , 2014 , 286, 13-25	3	27
241	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,	4.4	70
240	Personality, foraging and fitness consequences in a long lived seabird. <i>PLoS ONE</i> , 2014 , 9, e87269	3.7	94
239	Age-related mercury contamination and relationship with luteinizing hormone in a long-lived Antarctic bird. <i>PLoS ONE</i> , 2014 , 9, e103642	3.7	23
238	Projected continent-wide declines of the emperor penguin under climate change. <i>Nature Climate Change</i> , 2014 , 4, 715-718	21.4	72
237	Wandering albatrosses document latitudinal variations in the transfer of persistent organic pollutants and mercury to Southern Ocean predators. <i>Environmental Science & Technology</i> , 2014 , 48, 14746-55	10.3	56
236	Evidence for sex-segregated ocean distributions of first-winter wandering albatrosses at Crozet islands. <i>PLoS ONE</i> , 2014 , 9, e86779	3.7	24
235	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	3.7	9
234	Stage-dependent distribution of the Critically Endangered Amsterdam albatross in relation to Economic Exclusive Zones. <i>Endangered Species Research</i> , 2014 , 23, 263-276	2.5	14
233	Foraging zones of the two sibling species of giant petrels in the Indian Ocean throughout the annual cycle: implication for their conservation. <i>Marine Ecology - Progress Series</i> , 2014 , 499, 233-248	2.6	28
232	Coping with variable and oligotrophic tropical waters: foraging behaviour and flexibility of the Abbott's booby <i>Papadula abbotti</i> . <i>Marine Ecology - Progress Series</i> , 2014 , 499, 259-273	2.6	15
231	Females better face senescence in the wandering albatross. <i>Oecologia</i> , 2013 , 173, 1283-94	2.9	28
230	A new approach for objective identification of turns and steps in organism movement data relevant to random walk modelling. <i>Methods in Ecology and Evolution</i> , 2013 , 4, n/a-n/a	7.7	19
229	How life history influences population dynamics in fluctuating environments. <i>American Naturalist</i> , 2013 , 182, 743-59	3.7	111

228	Contrasted associations between seabirds and marine mammals across four biomes of the southern Indian Ocean. <i>Journal of Ornithology</i> , 2013 , 154, 441-453	1.5	16
227	Foraging in a changing environment: habitat shifts of an oceanic predator over the last half century. <i>Ecography</i> , 2013 , 36, 57-67	6.5	12
226	Evidence for an age-dependent influence of environmental variations on a long-lived seabird's life-history traits. <i>Ecology</i> , 2013 , 94, 208-20	4.6	65
225	Ecology. Seabirds--individuals in colonies. <i>Science</i> , 2013 , 341, 35-6	33.3	6
224	Differences in boldness are repeatable and heritable in a long-lived marine predator. <i>Ecology and Evolution</i> , 2013 , 3, 4291-9	2.8	50
223	Do naive juvenile seabirds forage differently from adults?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131434	4.4	77
222	Fisheries bycatch as an inadvertent human-induced evolutionary mechanism. <i>PLoS ONE</i> , 2013 , 8, e60353	3.7	28
221	When celibacy matters: incorporating non-breeders improves demographic parameter estimates. <i>PLoS ONE</i> , 2013 , 8, e60389	3.7	10
220	Effects of climate change on an emperor penguin population: analysis of coupled demographic and climate models. <i>Global Change Biology</i> , 2012 , 18, 2756-70	11.4	74
219	Changes in wind pattern alter albatross distribution and life-history traits. <i>Science</i> , 2012 , 335, 211-4	33.3	226
218	Local depletion by a fishery can affect seabird foraging. <i>Journal of Applied Ecology</i> , 2012 , 49, 1168-1177	5.8	79
217	Foraging success of biological Lfy flights recorded in situ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7169-74	11.5	211
216	Foraging in Guanay cormorant and Peruvian booby, the major guano-producing seabirds in the Humboldt Current System. <i>Marine Ecology - Progress Series</i> , 2012 , 458, 231-245	2.6	29
215	Frigatebird behaviour at the ocean-atmosphere interface: integrating animal behaviour with multi-satellite data. <i>Journal of the Royal Society Interface</i> , 2012 , 9, 3351-8	4.1	44
214	Effects of climate change and fisheries bycatch on Southern Ocean seabirds: a review. <i>Marine Ecology - Progress Series</i> , 2012 , 454, 285-307	2.6	90
213	Tracking seabirds to identify potential Marine Protected Areas in the tropical western Indian Ocean. <i>Biological Conservation</i> , 2012 , 156, 83-93	6.2	63
212	Protecting persistent dynamic oceanographic features: transboundary conservation efforts are needed for the critically endangered Balearic shearwater. <i>PLoS ONE</i> , 2012 , 7, e35728	3.7	42
211	Estimating dispersal, recruitment and survival in a biennially breeding species, the Wandering Albatross. <i>Journal of Ornithology</i> , 2012 , 152, 457-467	1.5	7

210	Estimating survival and reproduction in a quasi-biennially breeding seabird with uncertain and unobservable states. <i>Journal of Ornithology</i> , 2012 , 152, 605-615	1.5	28
209	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	1.5	10
208	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, 2515-2534	4.4	78
207	Research priorities for seabirds: improving conservation and management in the 21st century. <i>Endangered Species Research</i> , 2012 , 17, 93-121	2.5	121
206	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	3.7	12
205	Variability of resource partitioning in sympatric tropical boobies. <i>Marine Ecology - Progress Series</i> , 2011 , 441, 281-294	2.6	32
204	Habitat preference, accessibility, and competition limit the global distribution of breeding Black-browed Albatrosses. <i>Ecological Monographs</i> , 2011 , 81, 141-167	9	100
203	Comparison of emperor penguin declines between Pointe Gbologie and Haswell Island over the past 50 years. <i>Antarctic Science</i> , 2011 , 23, 461-468	1.7	33
202	Migration, wintering distribution and habitat use of an endangered tropical seabird, Barau's petrel <i>Pterodroma baraui</i> . <i>Marine Ecology - Progress Series</i> , 2011 , 423, 291-302	2.6	40
201	Heritability of short-scale natal dispersal in a large-scale foraging bird, the wandering albatross. <i>Journal of Evolutionary Biology</i> , 2011 , 24, 1487-96	2.3	33
200	Contrasted demographic responses facing future climate change in Southern Ocean seabirds. <i>Journal of Animal Ecology</i> , 2011 , 80, 89-100	4.7	68
199	Conserving pelagic habitats: seascape modelling of an oceanic top predator. <i>Journal of Applied Ecology</i> , 2011 , 48, 121-132	5.8	66
198	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	1.9	10
197	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	2	14
196	Why do some adult birds skip breeding? A hormonal investigation in a long-lived bird. <i>Biology Letters</i> , 2011 , 7, 790-2	3.6	17
195	Combined impacts of longline fisheries and climate on the persistence of the Amsterdam Albatross <i>Diomedea amsterdamensis</i> . <i>Ibis</i> , 2010 , 152, 6-18	1.9	43
194	Age and the timing of breeding in a long-lived bird: a role for stress hormones?. <i>Functional Ecology</i> , 2010 , 24, 1007-1016	5.6	60
193	Relative influence of fisheries and climate on the demography of four albatross species. <i>Global Change Biology</i> , 2010 , 16, 1910-1922	11.4	53

192	Small-scale dispersal and survival in a long-lived seabird, the wandering albatross. <i>Journal of Animal Ecology</i> , 2010 , 79, 879-87	4.7	23
191	Use of social information in seabirds: compass rafts indicate the heading of food patches. <i>PLoS ONE</i> , 2010 , 5, e9928	3.7	89
190	Shearwater foraging in the Southern Ocean: the roles of prey availability and winds. <i>PLoS ONE</i> , 2010 , 5, e10960	3.7	45
189	Mating behavior, population growth, and the operational sex ratio: a periodic two-sex model approach. <i>American Naturalist</i> , 2010 , 175, 739-52	3.7	54
188	Hormonal correlates of individual quality in a long-lived bird: a test of the 'corticosterone-fitness hypothesis'. <i>Biology Letters</i> , 2010 , 6, 846-9	3.6	94
187	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, 6370-5	11.5	141
186	Bet-hedging response to environmental variability, an intraspecific comparison. <i>Ecology</i> , 2010 , 91, 2416-25	4.7	67
185	Interdecadal changes in at-sea distribution and abundance of subantarctic seabirds along a latitudinal gradient in the Southern Indian Ocean. <i>Global Change Biology</i> , 2010 , 16, 1895-1909	11.4	40
184	Multivariate effects on seabird bycatch in the legal Patagonian toothfish longline fishery around Crozet and Kerguelen Islands. <i>Polar Biology</i> , 2010 , 33, 367-378	2	21
183	Long- and short-term influence of environment on recruitment in a species with highly delayed maturity. <i>Oecologia</i> , 2010 , 162, 383-92	2.9	31
182	Foraging movements of great frigatebirds from Aldabra Island: Relationship with environmental variables and interactions with fisheries. <i>Progress in Oceanography</i> , 2010 , 86, 204-213	3.8	32
181	Speciation and phylogeography of giant petrels <i>Macronectes</i> . <i>Molecular Phylogenetics and Evolution</i> , 2010 , 54, 472-87	4.1	28
180	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, 3456-60	2.2	141
179	At-sea distribution and diet of an endangered top predator: relationship between white-chinned petrels and commercial longline fisheries. <i>Endangered Species Research</i> , 2010 , 13, 1-16	2.5	26
178	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	2.6	58
177	Scaling of soaring seabirds and implications for flight abilities of giant pterosaurs. <i>PLoS ONE</i> , 2009 , 4, e5400	3.7	37
176	Contrasted patterns of age-specific reproduction in long-lived seabirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 375-82	4.4	40
175	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, 1844-7	11.5	174

174	Relationship between reversed sexual dimorphism, breeding investment and foraging ecology in a pelagic seabird, the masked booby. <i>Oecologia</i> , 2009 , 161, 637-49	2.9	41
173	Limitation of population recovery: a stochastic approach to the case of the emperor penguin. <i>Oikos</i> , 2009 , 118, 1292-1298	4	32
172	Estimates of population size of white-chinned petrels and grey petrels at Kerguelen Islands and sensitivity to fisheries. <i>Animal Conservation</i> , 2009 , 12, 258-265	3.2	40
171	The importance of oceanographic fronts to marine birds and mammals of the southern oceans. <i>Journal of Marine Systems</i> , 2009 , 78, 363-376	2.7	323
170	Top marine predators track Lagrangian coherent structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8245-50	11.5	177
169	Assessing the impact of fisheries, climate and disease on the dynamics of the Indian yellow-nosed Albatross. <i>Biological Conservation</i> , 2009 , 142, 1084-1095	6.2	47
168	Respective impact of climate and fisheries on the growth of an albatross population 2009 , 19, 1336-46		33
167	Spatiotemporal habitat use by breeding sooty shearwaters <i>Puffinus griseus</i> . <i>Marine Ecology - Progress Series</i> , 2009 , 391, 209-220	2.6	67
166	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	2.6	88
165	Assessing the impact of climate variation on survival in vertebrate populations. <i>Biological Reviews</i> , 2008 , 83, 357-99	13.5	289
164	Satellite tracking of seabirds: interpretation of activity pattern from the frequency of satellite locations. <i>Ibis</i> , 2008 , 139, 403-405	1.9	16
163	Population dynamics of Black-browed and Grey-headed Albatrosses <i>Diomedea melanophrys</i> and <i>D. chrysostoma</i> at Campbell Island, New Zealand, 1942-96. <i>Ibis</i> , 2008 , 141, 216-225	1.9	32
162	Chick provisioning by the Yellow-nosed Albatross <i>Diomedea chlororhynchus</i> : response of foraging effort to experimentally increased costs and demands. <i>Ibis</i> , 2008 , 142, 103-110	1.9	52
161	Senescence rates are determined by ranking on the fast-slow life-history continuum. <i>Ecology Letters</i> , 2008 , 11, 664-73	10	268
160	The seabird paradox: dispersal, genetic structure and population dynamics in a highly mobile, but philopatric albatross species. <i>Molecular Ecology</i> , 2008 , 17, 1658-73	5.7	78
159	Demographic response of a population of white-chinned petrels <i>Procellaria aequinoctialis</i> to climate and longline fishery bycatch. <i>Journal of Applied Ecology</i> , 2008 , 45, 1460-1467	5.8	47
158	Comparative ecology of the six albatross species breeding on the Crozet Islands. <i>Ibis</i> , 2008 , 128, 195-213	1.9	78
157	Weight loss of Antarctic Fulmars <i>Fulmarus glacialis</i> during incubation and chick brooding. <i>Ibis</i> , 2008 , 132, 68-77	1.9	18

156	The breeding biology and population dynamics of King Penguins <i>Aptenodytes patagonica</i> on the Crozet Islands. <i>Ibis</i> , 2008 , 134, 107-117	1.9	115
155	Population trends in a community of large Procellariiforms of Indian Ocean: Potential effects of environment and fisheries interactions. <i>Biological Conservation</i> , 2008 , 141, 1840-1856	6.2	47
154	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, 4576-81	11.5	137
153	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	11.5	17
152	Foraging strategy of masked boobies from the largest colony in the world: relationship to environmental conditions and fisheries. <i>Marine Ecology - Progress Series</i> , 2008 , 362, 291-302	2.6	37
151	Resource partitioning within a tropical seabird community: new information from stable isotopes. <i>Marine Ecology - Progress Series</i> , 2008 , 366, 281-291	2.6	113
150	At-sea distribution and scale-dependent foraging behaviour of petrels and albatrosses: a comparative study. <i>Journal of Animal Ecology</i> , 2007 , 76, 9-19	4.7	335
149	Environmental variation and experience-related differences in the demography of the long-lived black-browed albatross. <i>Journal of Animal Ecology</i> , 2007 , 76, 159-67	4.7	76
148	Age-specific reproductive success in a long-lived bird: do older parents resist stress better?. <i>Journal of Animal Ecology</i> , 2007 , 76, 1181-91	4.7	92
147	Combined effects of fisheries and climate on a migratory long-lived marine predator. <i>Journal of Applied Ecology</i> , 2007 , 45, 4-13	5.8	58
146	Age, experience and reproductive performance in a long-lived bird: a hormonal perspective. <i>Behavioral Ecology and Sociobiology</i> , 2007 , 61, 611-621	2.5	130
145	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	2.5	17
144	Corticosterone and foraging behavior in a pelagic seabird. <i>Physiological and Biochemical Zoology</i> , 2007 , 80, 283-92	2	98
143	Surviving with low genetic diversity: the case of albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 779-87	4.4	53
142	Community structure across a large-scale ocean productivity gradient: Marine bird assemblages of the Southern Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007 , 54, 1129-1145	2.5	37
141	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	2.3	97
140	Are seabirds foraging for unpredictable resources?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 211-223	2.3	388
139	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, 734-43	3.7	174

138	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	3	68
137	Postbreeding Movements of Frigatebirds Tracked with Satellite Telemetry. <i>Condor</i> , 2006 , 108, 220	2.1	36
136	Behavioural responses of blue petrel chicks (<i>Halobaena caerulea</i>) to food-related and novel odours in a simple wind tunnel. <i>Antarctic Science</i> , 2006 , 18, 345-352	1.7	11
135	Postnatal dispersal of wandering albatrosses <i>Diomedea exulans</i> : implications for the conservation of the species. <i>Journal of Avian Biology</i> , 2006 , 37, 23-28	1.9	48
134	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, 6248-51	11.5	122
133	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> , 2006 , 103, 12799-802	11.5	353
132	Postnatal dispersal of wandering albatrosses <i>Diomedea exulans</i> : implications for the conservation of the species. <i>Journal of Avian Biology</i> , 2006 , 37, 23-28	1.9	42
131	Interpolation of animal tracking data in a fluid environment. <i>Journal of Experimental Biology</i> , 2006 , 209, 128-40	3	119
130	Postbreeding Movements of Frigatebirds Tracked with Satellite Telemetry. <i>Condor</i> , 2006 , 108, 220-225	2.1	27
129	Sex-specific foraging behaviour in a seabird with reversed sexual dimorphism: the red-footed booby. <i>Oecologia</i> , 2006 , 146, 681-91	2.9	83
128	Sea ice affects the population dynamics of Adlie penguins in Terre Adlie. <i>Polar Biology</i> , 2006 , 29, 413-423		74
127	Seabird associations with mesoscale eddies: the subtropical Indian Ocean. <i>Marine Ecology - Progress Series</i> , 2006 , 324, 271-279	2.6	59
126	ENVIRONMENTAL CONDITIONS AND BREEDING EXPERIENCE AFFECT COSTS OF REPRODUCTION IN BLUE PETRELS. <i>Ecology</i> , 2005 , 86, 682-692	4.6	110
125	PREY DISTRIBUTION AND PATCHINESS: FACTORS IN FORAGING SUCCESS AND EFFICIENCY OF WANDERING ALBATROSSES. <i>Ecology</i> , 2005 , 86, 2611-2622	4.6	113
124	Extinction in relation to demographic and environmental stochasticity in age-structured models. <i>Mathematical Biosciences</i> , 2005 , 195, 210-27	3.9	71
123	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, 459-66	3.7	106
122	LONG-TERM CONTRASTED RESPONSES TO CLIMATE OF TWO ANTARCTIC SEABIRD SPECIES. <i>Ecology</i> , 2005 , 86, 2889-2903	4.6	140
121	Population sex ratio variation in a monogamous long-lived bird, the wandering albatross. <i>Journal of Animal Ecology</i> , 2005 , 74, 285-291	4.7	93

120	Scale-dependent habitat use in a long-ranging central place predator. <i>Journal of Animal Ecology</i> , 2005 , 74, 852-863	4.7	130
119	Generation time and temporal scaling of bird population dynamics. <i>Nature</i> , 2005 , 436, 99-102	50.4	136
118	Modelling population dynamics of seabirds: importance of the effects of climate fluctuations on breeding proportions. <i>Oikos</i> , 2005 , 108, 511-522	4	87
117	High levels of LH and testosterone in a tropical seabird with an elaborate courtship display. <i>General and Comparative Endocrinology</i> , 2005 , 140, 33-40	3	39
116	Foraging habitats of the seabird community of Europa Island (Mozambique Channel). <i>Marine Biology</i> , 2005 , 147, 573-582	2.5	35
115	Using stable isotopes to study resource acquisition and allocation in procellariiform seabirds. <i>Oecologia</i> , 2005 , 145, 533-40	2.9	80
114	Albatross Long-Distance Navigation: Comparing Adults And Juveniles. <i>Journal of Navigation</i> , 2005 , 58, 365-373	2.3	18
113	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, 887-95	4.4	71
112	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	4.4	77
111	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	2.6	76
110	Lipid composition of stomach oil in a procellariiform seabird Puffinus tenuirostris: implications for food web studies. <i>Marine Ecology - Progress Series</i> , 2005 , 290, 277-290	2.6	27
109	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	2.6	64
108	Life-History Variation Predicts the Effects of Demographic Stochasticity on Avian Population Dynamics. <i>American Naturalist</i> , 2004 , 164, 793-802	3.7	109
107	Field metabolic rates of black-browed albatrosses <i>Thalassarche melanophrys</i> during the incubation stage. <i>Journal of Avian Biology</i> , 2004 , 35, 551-558	1.9	14
106	Diseases threaten Southern Ocean albatrosses. <i>Polar Biology</i> , 2004 , 27, 374-379	2	76
105	Long-term trends in the population size of king penguins at Crozet archipelago: environmental variability and density dependence?. <i>Polar Biology</i> , 2004 , 27, 793-800	2	37
104	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	2.6	56
103	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	2.6	114

102	A comparison of the olfactory abilities of three species of procellariiform chicks. <i>Journal of Experimental Biology</i> , 2003 , 206, 1615-20	3	46
101	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	1.9	62
100	Environmental heterogeneity and the evolution of foraging behaviour in long ranging greater albatrosses. <i>Oikos</i> , 2003 , 103, 374-384	4	39
99	Foraging effort in relation to the constraints of reproduction in free-ranging albatrosses. <i>Functional Ecology</i> , 2003 , 17, 66-74	5.6	91
98	Foraging efficiency and adjustment of energy expenditure in a pelagic seabird provisioning its chick. <i>Journal of Animal Ecology</i> , 2003 , 72, 500-508	4.7	71
97	Effects of climate variability on the temporal population dynamics of southern fulmars. <i>Journal of Animal Ecology</i> , 2003 , 72, 576-587	4.7	127
96	Growth and energy expenditure of Wandering Albatross <i>Diomedea exulans</i> chicks. <i>Ibis</i> , 2003 , 146, 85-94	1.9	5
95	Flight performance: Frigatebirds ride high on thermals. <i>Nature</i> , 2003 , 421, 333-4	50.4	78
94	Trends in bird and seal populations as indicators of a system shift in the Southern Ocean. <i>Antarctic Science</i> , 2003 , 15, 249-256	1.7	170
93	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, 1143-8	4.4	131
92	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> , 2003 , 25, 519-523	0.8	86
91	Climate and density shape population dynamics of a marine top predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 2111-6	4.4	124
90	Foraging Zones of Southern Royal Albatrosses. <i>Condor</i> , 2002 , 104, 662-667	2.1	5
89	Dietary evidence for spatial foraging segregation in sympatric albatrosses (<i>Diomedea</i> spp.) rearing chicks at Iles Nuageuses, Kerguelen. <i>Marine Biology</i> , 2002 , 141, 1117-1129	2.5	39
88	Ultimate and proximate factors affecting the breeding performance of a marine top-predator. <i>Oikos</i> , 2002 , 99, 141-150	4	54
87	Comparative activity pattern during foraging of four albatross species. <i>Ibis</i> , 2002 , 144, 40-50	1.9	36
86	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	4.7	93
85	Magnetic cues: are they important in Black-browed Albatross <i>Diomedea melanophris</i> orientation?. <i>Ibis</i> , 2002 , 145, 152-155	1.9	25

84	FORAGING ZONES OF SOUTHERN ROYAL ALBATROSSES. <i>Condor</i> , 2002 , 104, 662	2.1	4
83	Estimating density dependence from population time series using demographic theory and life-history data. <i>American Naturalist</i> , 2002 , 159, 321-37	3.7	99
82	GPS tracking of foraging albatrosses. <i>Science</i> , 2002 , 295, 1259	33.3	165
81	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	3	92
80	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	2.6	117
79	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	2.6	52
78	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	3	81
77	Comparison of methods for evaluating energy expenditure of incubating wandering albatrosses. <i>Physiological and Biochemical Zoology</i> , 2001 , 74, 823-31	2	34
76	Nest attendance and foraging movements of northern fulmars rearing chicks at Bjørnøya Barents Sea. <i>Polar Biology</i> , 2001 , 24, 83-88	2	40
75	Functional significance of sexual dimorphism in Wandering Albatrosses, <i>Diomedea exulans</i> . <i>Functional Ecology</i> , 2001 , 15, 203-210	5.6	126
74	Behavioural factors affecting foraging effort of breeding wandering albatrosses. <i>Journal of Animal Ecology</i> , 2001 , 70, 864-874	4.7	71
73	Modelling the impact of fishery by-catches on albatross populations. <i>Journal of Applied Ecology</i> , 2001 , 38, 1182-1196	5.8	126
72	Contrasting effects of the extent of sea-ice on the breeding performance of an Antarctic top predator, the Snow Petrel <i>Pagodroma nivea</i> . <i>Journal of Avian Biology</i> , 2001 , 32, 297-302	1.9	42
71	Emperor penguins and climate change. <i>Nature</i> , 2001 , 411, 183-6	50.4	316
70	Energy saving in flight formation. <i>Nature</i> , 2001 , 413, 697-8	50.4	322
69	Risks of decline and extinction of the endangered Amsterdam albatross and the projected impact of long-line fisheries. <i>Biological Conservation</i> , 2001 , 100, 377-386	6.2	32
68	Influence of environmental variability on breeding effort in a long-lived seabird, the yellow-nosed albatross. <i>Behavioral Ecology</i> , 2001 , 12, 22-30	2.3	81
67	Seabird Demography and Its Relationship with the Marine Environment. <i>Marine Biology</i> , 2001 , 115-136		41

66	Could osmotaxis explain the ability of blue petrels to return to their burrows at night?. <i>Journal of Experimental Biology</i> , 2001 , 204, 1485-1489	3	33
65	Could osmotaxis explain the ability of blue petrels to return to their burrows at night?. <i>Journal of Experimental Biology</i> , 2001 , 204, 1485-9	3	27
64	Oceanic respite for wandering albatrosses. <i>Nature</i> , 2000 , 406, 955-6	50.4	126
63	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	2	75
62	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	2	118
61	Using stable-isotope analysis of feathers to distinguish moulting and breeding origins of seabirds. <i>Oecologia</i> , 2000 , 122, 155-162	2.9	122
60	Effect of sea-ice extent on adult survival of an Antarctic top predator: the snow petrel <i>Pagodroma nivea</i> . <i>Oecologia</i> , 2000 , 125, 483-488	2.9	40
59	Temporal and Age-Related Changes in Survival Rates of Southern Buller's Albatrosses (<i>Thalassarche Bulleri Bulleri</i>) at The Snares, New Zealand, 1948 to 1997. <i>Auk</i> , 2000 , 117, 699-708	2.1	8
58	Contrasting Strategies of Provisioning and Chick Growth in two Sympatrically Breeding Albatrosses at Campbell Island, New Zealand. <i>Condor</i> , 2000 , 102, 804-813	2.1	9
57	Fast and fuel efficient? Optimal use of wind by flying albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 1869-74	4.4	259
56	Regulation of chick provisioning in the thin-billed prion: an interannual comparison and manipulation of parents. <i>Canadian Journal of Zoology</i> , 2000 , 78, 1275-1283	1.5	27
55	SEX DIFFERENCES IN PARENTAL INVESTMENT AND CHICK GROWTH IN WANDERING ALBATROSSES: FITNESS CONSEQUENCES. <i>Ecology</i> , 2000 , 81, 309-318	4.6	101
54	SEX DIFFERENCES IN PARENTAL INVESTMENT AND CHICK GROWTH IN WANDERING ALBATROSSES: FITNESS CONSEQUENCES 2000 , 81, 309		8
53	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	2.6	69
52	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	2.6	63
51	Recent population change of the southern elephant seal at Îles Crozet and Îles Kerguelen: the end of the decrease?. <i>Antarctic Science</i> , 1999 , 11, 193-197	1.7	45
50	Size-related life history traits: insights from a study of snow petrels (<i>Pagodroma nivea</i>). <i>Journal of Animal Ecology</i> , 1999 , 68, 1179-1192	4.7	42
49	Geographical variation in morphometry of black-browed and grey-headed albatrosses from four sites. <i>Polar Biology</i> , 1999 , 22, 189-194	2	14

48	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	2.6	74
47	Foraging white-chinned petrels <i>Procellaria aequinoctialis</i> at risk: from the tropics to Antarctica. <i>Biological Conservation</i> , 1999 , 87, 273-275	6.2	101
46	Natural and Experimental Changes in Chick Provisioning in a Long-Lived Seabird, the Antarctic Prion. <i>Journal of Avian Biology</i> , 1999 , 30, 165	1.9	40
45	The Potential of Archival Tags to Provide Long-term Movement and Behaviour Data for Seabirds: First Results from Wandering Albatross <i>Diomedea exulans</i> of South Georgia and the Crozet Islands. <i>Emu</i> , 1999 , 99, 60-68	1.1	24
44	Exploitation of the marine environment by two sympatric albatrosses in the Pacific Southern Ocean. <i>Marine Ecology - Progress Series</i> , 1999 , 177, 243-254	2.6	49
43	Short retention times of stomach temperature loggers in free-living seabirds: is there hope in the spring?. <i>Marine Biology</i> , 1998 , 130, 559-566	2.5	14
42	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	4.7	151
41	Population Changes and Demography of the Northern Rockhopper Penguin on Amsterdam and Saint Paul Islands. <i>Waterbirds</i> , 1998 , 21, 222		49
40	Feeding ecology of short-tailed shearwaters:breeding in Tasmania and foraging in the Antarctic?. <i>Marine Ecology - Progress Series</i> , 1998 , 167, 261-274	2.6	109
39	ALTERNATIVE FORAGING STRATEGIES AND RESOURCE ALLOCATION BY MALE AND FEMALE WANDERING ALBATROSSES. <i>Ecology</i> , 1997 , 78, 2051-2063	4.6	185
38	Molt, Maturation of Plumage and Ageing in the Wandering Albatross. <i>Condor</i> , 1997 , 99, 58-72	2.1	25
37	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	2.3	103
36	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> , 1997 , 79, 257-270	6.2	284
35	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	2.6	91
34	Satellite Tracking of Southern Buller's Albatrosses from the Snares, New Zealand. <i>Condor</i> , 1996 , 98, 649-652		16
33	Interactions between longline vessels and seabirds in Kerguelen waters and a method to reduce seabird mortality. <i>Biological Conservation</i> , 1996 , 75, 63-70	6.2	120
32	Diving depths of Sooty Shearwaters <i>Puffinus griseus</i> . <i>Ibis</i> , 1996 , 138, 786-788	1.9	36
31	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	2.5	73

30	Regulation of foraging trips and incubation routine in male and female wandering albatrosses. <i>Oecologia</i> , 1995 , 102, 37-43	2.9	94
29	Body Condition and Seabird Reproductive Performance: A Study of Three Petrel Species. <i>Ecology</i> , 1995 , 76, 2240-2246	4.6	161
28	Influence of Body Condition on Reproductive Decision and Reproductive Success in the Blue Petrel. <i>Auk</i> , 1995 , 112, 964-972	2.1	149
27	A Device for Measuring Seabird Activity at Sea. <i>Journal of Avian Biology</i> , 1995 , 26, 172	1.9	32
26	Use of seabirds to monitor sea-surface temperatures and to validate satellite remote-sensing measurements in the Southern Ocean. <i>Marine Ecology - Progress Series</i> , 1995 , 126, 299-303	2.6	22
25	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	2.6	40
24	Diving depths of albatrosses. <i>Antarctic Science</i> , 1994 , 6, 353-354	1.7	86
23	Satellite tracking of light-mantled sooty albatrosses. <i>Polar Biology</i> , 1994 , 14, 123	2	31
22	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	4.7	136
21	Alternate long and short foraging trips in pelagic seabird parents. <i>Animal Behaviour</i> , 1994 , 47, 472-476	2.8	153
20	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	129
19	Relationship Between Foraging Effort and Energy Requirement Throughout the Breeding Season in the Wandering Albatross. <i>Functional Ecology</i> , 1993 , 7, 643	5.6	32
18	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> , 1993 , 94, 278-285	2.9	139
17	Reproductive Effort in Long-Lived Birds: Age-Specific Patterns of Condition, Reproduction and Survival in the Wandering Albatross. <i>Oikos</i> , 1992 , 64, 464	4	254
16	When do wandering albatrosses <i>Diomedea exulans</i> forage?. <i>Marine Ecology - Progress Series</i> , 1992 , 86, 297-300	2.6	48
15	Sex-Specific Differences in Molt Strategy in Relation to Breeding in the Wandering Albatross. <i>Condor</i> , 1991 , 93, 731-737	2.1	41
14	Satellite tracking of Wandering albatrosses. <i>Nature</i> , 1990 , 343, 746-748	50.4	353
13	Influence of Parental Experience on the Growth of Wandering Albatross Chicks. <i>Condor</i> , 1990 , 92, 726	2.1	38

12	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	4.7	73
11	Long-Term Changes in Seabird and Seal Populations in the Southern Ocean 1990 , 208-213		12
10	Development and maturation of plumage in the wandering albatross <i>Diomedea exulans</i> . <i>Journal of Zoology</i> , 1989 , 219, 411-421	2	37
9	The Avifauna of the Kerguelen Islands. <i>Emu</i> , 1989 , 89, 15-29	1.1	124
8	Foraging Ranges and Partitioning of Feeding Zones in Three Species of Southern Albatrosses. <i>Condor</i> , 1988 , 90, 214-219	2.1	61
7	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	4	183
6	Survival in Five Southern Albatrosses and its Relationship with Their Life History. <i>Journal of Animal Ecology</i> , 1987 , 56, 1043	4.7	59
5	Banding Recoveries and the Dispersal of Seabirds Breeding in French Austral and Antarctic Territories. <i>Emu</i> , 1985 , 85, 22-33	1.1	79
4	The Foraging Zones of Seabirds in the Crozet Islands Sector of the Southern Ocean 1985 , 478-486		8
3	La recolonisation des Îles Crozet par les otaries (<i>Arctocephalus tropicalis</i> et <i>A. gazella</i>). <i>Mammalia</i> , 1982 , 46,	1	10
2	When the going gets tough, the tough get going: effect of extreme climate on an Antarctic seabird's life history		1
1	Modelling Marine Predator Habitat Using the Abundance of Its Pelagic Prey in the Tropical South-Western Pacific. <i>Ecosystems</i> , 1	3.9	0