

Yves Cherel

List of Publications by Year in descending order

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207
papers

9,500
citations

26630

56
h-index

54911

84
g-index

209
all docs

209
docs citations

209
times ranked

6149
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiology and biochemistry of long-term fasting in birds. Canadian Journal of Zoology, 1988, 66, 159-166.	1.0	274
2	NUTRITION, PHYSIOLOGY, AND STABLE ISOTOPES: NEW INFORMATION FROM FASTING AND MOLTING PENGUINS. Ecology, 2005, 86, 2881-2888.	3.2	256
3	ALTERNATIVE FORAGING STRATEGIES AND RESOURCE ALLOCATION BY MALE AND FEMALE WANDERING ALBATROSSES. Ecology, 1997, 78, 2051-2063.	3.2	236
4	Isotopic Discrimination between Food and Blood and Feathers of Captive Penguins: Implications for Dietary Studies in the Wild. Physiological and Biochemical Zoology, 2005, 78, 106-115.	1.5	231
5	Stable isotopes document seasonal changes in trophic niches and winter foraging individual specialization in diving predators from the Southern Ocean. Journal of Animal Ecology, 2007, 76, 826-836.	2.8	224
6	Isotopic niches and trophic levels of myctophid fishes and their predators in the Southern Ocean. Limnology and Oceanography, 2010, 55, 324-332.	3.1	194
7	Forage fauna in the diet of three large pelagic fishes (lancetfish, swordfish and yellowfin tuna) in the western equatorial Indian Ocean. Fisheries Research, 2007, 83, 60-72.	1.7	168
8	Using stable-isotope analysis of feathers to distinguish moulting and breeding origins of seabirds. Oecologia, 2000, 122, 155-162.	2.0	165
9	Seabird satellite tracking validates the use of latitudinal isoscapes to depict predators' foraging areas in the Southern Ocean. Rapid Communications in Mass Spectrometry, 2010, 24, 3456-3460.	1.5	160
10	Relationships between lipid availability and protein utilization during prolonged fasting. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1992, 162, 305-313.	1.5	158
11	Stable isotopes, beaks and predators: a new tool to study the trophic ecology of cephalopods, including giant and colossal squids. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1601-1607.	2.6	153
12	Interactions between longline vessels and seabirds in Kerguelen waters and a method to reduce seabird mortality. Biological Conservation, 1996, 75, 63-70.	4.1	145
13	PREY DISTRIBUTION AND PATCHINESS: FACTORS IN FORAGING SUCCESS AND EFFICIENCY OF WANDERING ALBATROSSES. Ecology, 2005, 86, 2611-2622.	3.2	137
14	Whisker isotopic signature depicts migration patterns and multi-year intra- and inter-individual foraging strategies in fur seals. Biology Letters, 2009, 5, 830-832.	2.3	135
15	Foraging white-chinned petrels <i>Procellaria aequinoctialis</i> at risk: from the tropics to Antarctica. Biological Conservation, 1999, 87, 273-275.	4.1	124
16	Isotopic niches of emperor and Ad�lie penguins in Ad�lie Land, Antarctica. Marine Biology, 2008, 154, 813-821.	1.5	115
17	Prey species and nutritive value of food fed during summer to King Penguin <i>Aptenodytes patagonica</i> chicks at Possession Island, Crozet Archipelago. Ibis, 1992, 134, 118-127.	1.9	113
18	Cost of Living Dictates what Whales, Dolphins and Porpoises Eat: The Importance of Prey Quality on Predator Foraging Strategies. PLoS ONE, 2012, 7, e50096.	2.5	112

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19	Using stable isotopes to study resource acquisition and allocation in procellariiform seabirds. <i>Oecologia</i> , 2005, 145, 533-540.	2.0	111
20	A stable isotopic investigation into the causes of decline in a sub-Antarctic predator, the rockhopper penguin <i>Eudyptes chrysocome</i> . <i>Global Change Biology</i> , 2006, 12, 611-625.	9.5	109
21	Climate-driven range shifts of the king penguin in a fragmented ecosystem. <i>Nature Climate Change</i> , 2018, 8, 245-251.	18.8	95
22	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018, 2, 299-305.	7.8	95
23	Wide Range of Mercury Contamination in Chicks of Southern Ocean Seabirds. <i>PLoS ONE</i> , 2013, 8, e54508.	2.5	94
24	Stable isotope evidence of diverse species-specific and individual wintering strategies in seabirds. <i>Biology Letters</i> , 2006, 2, 301-303.	2.3	93
25	Prey preferences among the community of deep-diving odontocetes from the Bay of Biscay, Northeast Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 273-282.	1.4	93
26	Demographic consequences of heavy metals and persistent organic pollutants in a vulnerable long-lived bird, the wandering albatross. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133313.	2.6	88
27	Unconventional ventral attachment of timeâ€“depth recorders as a new method for investigating time budget and diving behaviour of seabirds. <i>Journal of Experimental Biology</i> , 2003, 206, 1929-1940.	1.7	87
28	Ecology and Physiology of Fasting in King Penguin Chicks. <i>Auk</i> , 1987, 104, 254-262.	1.4	86
29	Lifetime foraging patterns of the wandering albatross: Life on the move!. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 450, 68-78.	1.5	84
30	Inter-annual variability in the breeding performance of seabirds in relation to oceanographic anomalies that affect the Crozet and the Kerguelen sectors of the Southern Ocean. <i>Journal of Avian Biology</i> , 2003, 34, 170-176.	1.2	80
31	Latitudinal and bathymetric patterns in the distribution and abundance of mesopelagic fish in the Scotia Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 59-60, 189-198.	1.4	80
32	Penguins as bioindicators of mercury contamination in the Southern Ocean: Birds from the Kerguelen Islands as a case study. <i>Science of the Total Environment</i> , 2013, 454-455, 141-148.	8.0	78
33	Stable isotopes document winter trophic ecology and maternal investment of adult female southern elephant seals (<i>Mirounga leonina</i>) breeding at the Kerguelen Islands. <i>Marine Biology</i> , 2008, 155, 413-420.	1.5	76
34	Future challenges in cephalopod research. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 999-1015.	0.8	75
35	In Vivo Formation of HgSe Nanoparticles and Hgâ€“Tetraselenolate Complex from Methylmercury in Seabirdsâ€“Implications for the Hgâ€“Se Antagonism. <i>Environmental Science & Technology</i> , 2021, 55, 1515-1526.	10.0	75
36	Long-Term Species, Sexual and Individual Variations in Foraging Strategies of Fur Seals Revealed by Stable Isotopes in Whiskers. <i>PLoS ONE</i> , 2012, 7, e32916.	2.5	74

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37	Short- and long-term consistency in the foraging niche of wandering albatrosses. <i>Marine Biology</i> , 2012, 159, 1581-1591.	1.5	74
38	Uric acid and urea in relation to protein catabolism in long-term fasting geese. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1987, 157, 491-499.	1.5	73
39	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, 14746-14755.	10.0	73
40	Mercury exposure in a large subantarctic avian community. <i>Environmental Pollution</i> , 2014, 190, 51-57.	7.5	72
41	Coexistence of oceanic predators on wintering areas explained by population-scale foraging segregation in space or time. <i>Ecology</i> , 2012, 93, 122-130.	3.2	71
42	Stable isotopes document the trophic structure of a deep-sea cephalopod assemblage including giant octopus and giant squid. <i>Biology Letters</i> , 2009, 5, 364-367.	2.3	70
43	Seasonal and Fasting-Related Changes in Circulating Gonadal Steroids and Prolactin in King Penguins, <i>Aptenodytes patagonicus</i> . <i>Physiological Zoology</i> , 1994, 67, 1154-1173.	1.5	69
44	Tissue, ontogenic and sex-related differences in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of the oceanic squid <i>Todarodes filippovae</i> (Cephalopoda: Ommastrephidae). <i>Marine Biology</i> , 2009, 156, 699-708.	1.5	69
45	Combination of At-Sea Activity, Geolocation and Feather Stable Isotopes Documents Where and When Seabirds Molt. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	69
46	Using carbon and nitrogen isotopic values of body feathers to infer inter- and intra-individual variations of seabird feeding ecology during moult. <i>Marine Biology</i> , 2009, 156, 1233-1240.	1.5	66
47	Looking at the unseen: combining animal bio-logging and stable isotopes to reveal a shift in the ecological niche of a deep diving predator. <i>Ecography</i> , 2010, 33, 709-719.	4.5	66
48	Determinants of individual foraging specialization in large marine vertebrates, the Antarctic and subantarctic fur seals. <i>Journal of Animal Ecology</i> , 2015, 84, 1081-1091.	2.8	66
49	High feather mercury concentrations in the wandering albatross are related to sex, breeding status and trophic ecology with no demographic consequences. <i>Environmental Research</i> , 2016, 144, 1-10.	7.5	66
50	Whole-body and tissue protein synthesis during brief and prolonged fasting in the rat. <i>Clinical Science</i> , 1991, 81, 611-619.	4.3	64
51	Energy contribution of proteins and lipids during prolonged fasting in the rat. <i>Nutrition Research</i> , 1991, 11, 365-374.	2.9	63
52	Antarctic jaws: cephalopod prey of sharks in Kerguelen waters. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 17-31.	1.4	60
53	Moult patterns drive within-individual variations of stable isotopes and mercury in seabird body feathers: implications for monitoring of the marine environment. <i>Marine Biology</i> , 2014, 161, 963-968.	1.5	60
54	Synchronous Underwater Foraging Behavior in Penguins. <i>Condor</i> , 1999, 101, 179-185.	1.6	59

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55	Accumulate or eliminate? Seasonal mercury dynamics in albatrosses, the most contaminated family of birds. <i>Environmental Pollution</i> , 2018, 241, 124-135.	7.5	59
56	Comparison of Body Reserve Buildup in Prefasting Chicks and Adults of King Penguins (<i>Aptenodytes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 15 58	1.5	58
57	Mitochondrial genome diversity and population structure of the giant squid <i>Architeuthis</i> : genetics sheds new light on one of the most enigmatic marine species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130273.	2.6	57
58	Review: the energetic value of zooplankton and nekton species of the Southern Ocean. <i>Marine Biology</i> , 2018, 165, 129.	1.5	56
59	Multi-elemental concentrations in the tissues of the oceanic squid <i>Todarodes filippovae</i> from Tasmania and the southern Indian Ocean. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1238-1249.	6.0	55
60	Sequential Isotopic Signature Along <i>Gladius</i> Highlights Contrasted Individual Foraging Strategies of Jumbo Squid (<i>Dosidicus gigas</i>). <i>PLoS ONE</i> , 2011, 6, e22194.	2.5	54
61	Natural and Experimental Changes in Chick Provisioning in a Long-Lived Seabird, the Antarctic Prion. <i>Journal of Avian Biology</i> , 1999, 30, 165.	1.2	53
62	Lipids from stomach oil of procellariiform seabirds document the importance of myctophid fish in the Southern Ocean. <i>Limnology and Oceanography</i> , 2007, 52, 2445-2455.	3.1	53
63	Differences in $\delta^{13}C$ and $\delta^{15}N$ values between feathers and blood of seabird chicks: implications for non-invasive isotopic investigations. <i>Marine Biology</i> , 2014, 161, 229-237.	1.5	53
64	Assessment of mercury speciation in feathers using species-specific isotope dilution analysis. <i>Talanta</i> , 2017, 174, 100-110.	5.5	53
65	Mercury isotopes of key tissues document mercury metabolic processes in seabirds. <i>Chemosphere</i> , 2021, 263, 127777.	8.2	53
66	Tracking habitat and resource use for the jumbo squid <i>Dosidicus gigas</i> : a stable isotope analysis in the Northern Humboldt Current System. <i>Marine Biology</i> , 2012, 159, 2105-2116.	1.5	52
67	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.	2.8	51
68	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, .	2.5	50
69	A review on the biodiversity, distribution and trophic role of cephalopods in the Arctic and Antarctic marine ecosystems under a changing ocean. <i>Marine Biology</i> , 2018, 165, 1.	1.5	50
70	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.	1.9	48
71	From Antarctica to the subtropics: Contrasted geographical concentrations of selenium, mercury, and persistent organic pollutants in skua chicks (<i>Catharacta</i> spp.). <i>Environmental Pollution</i> , 2017, 228, 464-473.	7.5	48
72	The Southern Ocean: Source and sink?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 196-204.	1.4	47

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73	Refeeding after the late increase in nitrogen excretion during prolonged fasting in the rat. <i>Physiology and Behavior</i> , 1991, 50, 345-349.	2.1	46
74	Penguins as bioindicators of mercury contamination in the southern Indian Ocean: geographical and temporal trends. <i>Environmental Pollution</i> , 2016, 213, 195-205.	7.5	46
75	Isotopic Investigation of Contemporary and Historic Changes in Penguin Trophic Niches and Carrying Capacity of the Southern Indian Ocean. <i>PLoS ONE</i> , 2011, 6, e16484.	2.5	46
76	Chick-rearing Crozet shags (<i>Phalacrocorax melanogenis</i>) display sex-specific foraging behaviour. <i>Antarctic Science</i> , 2007, 19, 55-63.	0.9	45
77	Isotopic niches of fishes in coastal, neritic and oceanic waters off Adélie land, Antarctica. <i>Polar Science</i> , 2011, 5, 286-297.	1.2	45
78	Summer diet of king penguins (<i>Aptenodytes patagonicus</i>) at the Falkland Islands, southern Atlantic Ocean. <i>Polar Biology</i> , 2002, 25, 898-906.	1.2	43
79	Sexual Niche Segregation and Gender-Specific Individual Specialisation in a Highly Dimorphic Marine Mammal. <i>PLoS ONE</i> , 2015, 10, e0133018.	2.5	43
80	Can Foraging Ecology Drive the Evolution of Body Size in a Diving Endotherm?. <i>PLoS ONE</i> , 2013, 8, e56297.	2.5	42
81	From video recordings to whisker stable isotopes: a critical evaluation of timescale in assessing individual foraging specialisation in Australian fur seals. <i>Oecologia</i> , 2016, 180, 657-670.	2.0	42
82	Seabird Tissues As Efficient Biomonitoring Tools for Hg Isotopic Investigations: Implications of Using Blood and Feathers from Chicks and Adults. <i>Environmental Science & Technology</i> , 2018, 52, 4227-4234.	10.0	42
83	In vivo glucose utilization in rat tissues during the three phases of starvation. <i>Metabolism: Clinical and Experimental</i> , 1988, 37, 1033-1039.	3.4	41
84	Foraging tactics of chick-rearing Crozet shags: individuals display repetitive activity and diving patterns over time. <i>Polar Biology</i> , 2006, 29, 562-569.	1.2	41
85	Genetic evidence for three species of rockhopper penguins, <i>Eudyptes chrysocome</i> . <i>Polar Biology</i> , 2006, 30, 61-67.	1.2	41
86	Trophic structure in the northern Humboldt Current system: new perspectives from stable isotope analysis. <i>Marine Biology</i> , 2017, 164, 1.	1.5	41
87	Cephalopods in marine predator diet assessments: why identifying upper and lower beaks is important. <i>ICES Journal of Marine Science</i> , 2011, 68, 1857-1864.	2.5	40
88	Trace elements in Antarctic fish species and the influence of foraging habitats and dietary habits on mercury levels. <i>Science of the Total Environment</i> , 2015, 538, 743-749.	8.0	39
89	Wide range of metallic and organic contaminants in various tissues of the Antarctic prion, a planktonophagous seabird from the Southern Ocean. <i>Science of the Total Environment</i> , 2016, 544, 754-764.	8.0	39
90	Trace elements and persistent organic pollutants in chicks of 13 seabird species from Antarctica to the subtropics. <i>Environment International</i> , 2020, 134, 105225.	10.0	39

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91	Plasma hormone levels in relation to lipid and protein metabolism during prolonged fasting in king penguin chicks. <i>General and Comparative Endocrinology</i> , 1988, 71, 331-337.	1.8	38
92	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	38
93	Cool, cold or colder? Spatial segregation of prions and blue petrels is explained by differences in preferred sea surface temperatures. <i>Biology Letters</i> , 2015, 11, 20141090.	2.3	36
94	Sexual and individual foraging segregation in Gentoo penguins <i>Pygoscelis papua</i> from the Southern Ocean during an abnormal winter. <i>PLoS ONE</i> , 2017, 12, e0174850.	2.5	36
95	Maximum dive depths of common diving petrels (<i>Pelecanoides urinatrix</i>) during the annual cycle at Mayes Island, Kerguelen. <i>Journal of Zoology</i> , 2000, 251, 517-524.	1.7	35
96	Receding ice drove parallel expansions in Southern Ocean penguins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26690-26696.	7.1	35
97	Morphological and genetic evidence that <i>Octopus vulgaris</i> Cuvier, 1797 inhabits Amsterdam and Saint Paul Islands (southern Indian Ocean). <i>ICES Journal of Marine Science</i> , 2010, 67, 1401-1407.	2.5	34
98	Identification of sources and bioaccumulation pathways of MeHg in subantarctic penguins: a stable isotopic investigation. <i>Scientific Reports</i> , 2018, 8, 8865.	3.3	34
99	Age-Related Mercury Contamination and Relationship with Luteinizing Hormone in a Long-Lived Antarctic Bird. <i>PLoS ONE</i> , 2014, 9, e103642.	2.5	33
100	Age, sex, and breeding status shape a complex foraging pattern in an extremely long-lived seabird. <i>Ecology</i> , 2014, 95, 2324-2333.	3.2	33
101	Ontogenic changes in the feeding ecology of the early life stages of the Antarctic silverfish (<i>Pleuragramma antarcticum</i>) documented by stable isotopes and diet analysis in the Dumont d'Urville Sea (East Antarctica). <i>Polar Science</i> , 2011, 5, 252-263.	1.2	32
102	A comprehensive isotopic investigation of habitat preferences in nonbreeding albatrosses from the Southern Ocean. <i>Ecography</i> , 2013, 36, 277-286.	4.5	32
103	Mercury exposure and short-term consequences on physiology and reproduction in Antarctic petrels. <i>Environmental Pollution</i> , 2018, 237, 824-831.	7.5	30
104	Early changes in plasma hormones and metabolites during fasting in king penguin chicks. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1988, 158, 395-401.	1.5	29
105	Acoustic micronektonic distribution is structured by macroscale oceanographic processes across 20°-50°S latitudes in the South-Western Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 110, 20-32.	1.4	29
106	Utility of salps as a baseline proxy for food web studies. <i>Journal of Plankton Research</i> , 2019, 41, 3-11.	1.8	29
107	Plasma thyroid hormone pattern in king penguin chicks: a semi-altricial bird with an extended posthatching developmental period. <i>General and Comparative Endocrinology</i> , 2004, 136, 398-405.	1.8	28
108	Acoustic distribution of discriminated micronektonic organisms from a bi-frequency processing: The case study of eastern Kerguelen oceanic waters. <i>Progress in Oceanography</i> , 2017, 156, 276-289.	3.2	28

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109	Trophic relationships of white-chinned petrels from Crozet Islands: combined stomach oil and conventional dietary analyses. <i>Marine Biology</i> , 2007, 152, 95-107.	1.5	27
110	Fatty acid signature analysis documents the diet of five myctophid fish from the Southern Ocean. <i>Marine Biology</i> , 2010, 157, 2303-2316.	1.5	27
111	At-Sea Distribution and Prey Selection of Antarctic Petrels and Commercial Krill Fisheries. <i>PLoS ONE</i> , 2016, 11, e0156968.	2.5	27
112	Trophic ecology of Grey-headed albatrosses from Marion Island, Southern Ocean: insights from stomach contents and diet tracers. <i>Marine Biology</i> , 2010, 157, 1755-1766.	1.5	26
113	O' mother where wert thou? Maternal strategies in the southern elephant seal: a stable isotope investigation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2681-2690.	2.6	26
114	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.	3.2	26
115	Adjustment of pre-molt foraging strategies in <i>M. acaroni</i> <i>P. enguins</i> <i>E. chrysolophus</i> according to locality, sex and breeding status. <i>Ibis</i> , 2014, 156, 511-522.	1.9	25
116	Ontogenetic changes in habitat and trophic ecology in the Antarctic squid <i>Kondakovia longimana</i> derived from isotopic analysis on beaks. <i>Polar Biology</i> , 2018, 41, 2409-2421.	1.2	25
117	Mercury isotopes as tracers of ecology and metabolism in two sympatric shark species. <i>Environmental Pollution</i> , 2020, 265, 114931.	7.5	25
118	Pelagic cephalopods in the western Indian Ocean: New information from diets of top predators. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 95, 83-92.	1.4	24
119	Shift in foraging grounds and diet broadening during ontogeny in southern elephant seals from Kerguelen Islands. <i>Marine Biology</i> , 2013, 160, 977-986.	1.5	24
120	Milk isotopic values demonstrate that nursing fur seal pups are a full trophic level higher than their mothers. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1485-1490.	1.5	24
121	A seabird-eye-on mercury stable isotopes and cycling in the Southern Ocean. <i>Science of the Total Environment</i> , 2020, 742, 140499.	8.0	24
122	The feeding ecology of little auks raises questions about winter zooplankton stocks in North Atlantic surface waters. <i>Biology Letters</i> , 2010, 6, 682-684.	2.3	23
123	Changes in Body Mass and Plasma Metabolites during Short-Term Fasting in the King Penguin. <i>Condor</i> , 1988, 90, 257-258.	1.6	22
124	Evolutionary factors affecting the cross-species utility of newly developed microsatellite markers in seabirds. <i>Molecular Ecology Resources</i> , 2015, 15, 1046-1058.	4.8	22
125	Micronekton diel migration, community composition and trophic position within two biogeochemical provinces of the South West Indian Ocean: Insight from acoustics and stable isotopes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 138, 85-97.	1.4	22
126	A review of Southern Ocean squids using nets and beaks. <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	22

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127	A Space Oddity: Geographic and Specific Modulation of Migration in Eudyptes Penguins. PLoS ONE, 2013, 8, e71429.	2.5	21
128	Cephalopods in the diet of nonbreeding black-browed and grey-headed albatrosses from South Georgia. Polar Biology, 2015, 38, 631-641.	1.2	21
129	Genomics detects population structure within and between ocean basins in a circumpolar seabird: The white-chinned petrel. Molecular Ecology, 2019, 28, 4552-4572.	3.9	21
130	Micronektonic fish species over three seamounts in the southwestern Indian Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 176, 104777.	1.4	21
131	Spatial distribution of <i>Cubiceps pauciradiatus</i> (Perciformes: Nomeidae) in the tropical Indian Ocean and its importance in the diet of large pelagic fishes. Aquatic Living Resources, 2008, 21, 123-134.	1.2	20
132	Mercury Isotope Fractionation by Internal Demethylation and Biomineralization Reactions in Seabirds: Implications for Environmental Mercury Science. Environmental Science & Technology, 2021, 55, 13942-13952.	10.0	19
133	Impact of extreme environmental conditions: Foraging behaviour and trophic ecology responses of a diving seabird, the common diving petrel. Progress in Oceanography, 2021, 198, 102676.	3.2	19
134	<i>Graneledone gonzalezi</i> sp. nov. (Mollusca: Cephalopoda): a new octopod from the Îles Kerguelen. Antarctic Science, 2000, 12, 33-40.	0.9	18
135	Analysis of stable isotope ratios in blood of tracked wandering albatrosses fails to distinguish a $\delta^{13}C$ gradient within their winter foraging areas in the southwest Atlantic Ocean. Rapid Communications in Mass Spectrometry, 2015, 29, 2328-2336.	1.5	18
136	The significance of cephalopod beaks in marine ecology studies: Can we use beaks for DNA analyses and mercury contamination assessment?. Marine Pollution Bulletin, 2016, 103, 220-226.	5.0	18
137	Long-term trends in albatross diets in relation to prey availability and breeding success. Marine Biology, 2020, 167, 1.	1.5	18
138	Half a World Apart? Overlap in Nonbreeding Distributions of Atlantic and Indian Ocean Thin-Billed Prions. PLoS ONE, 2015, 10, e0125007.	2.5	18
139	Trace elements in tissues of white-chinned petrels (<i>Procellaria aequinoctialis</i>) from Kerguelen waters, Southern Indian Ocean. Polar Biology, 2014, 37, 763-771.	1.2	17
140	Micronekton distributions and assemblages at two shallow seamounts of the south-western Indian Ocean: Insights from acoustics and mesopelagic trawl data. Progress in Oceanography, 2019, 178, 102161.	3.2	17
141	Additive Traits Lead to Feeding Advantage and Reproductive Isolation, Promoting Homoploid Hybrid Speciation. Molecular Biology and Evolution, 2019, 36, 1671-1685.	8.9	17
142	First Time Identification of Selenoneine in Seabirds and Its Potential Role in Mercury Detoxification. Environmental Science & Technology, 2022, 56, 3288-3298.	10.0	17
143	Albatross predation of juvenile southern blue whiting (<i>Micromesistius australis</i>) on the Campbell Plateau. New Zealand Journal of Marine and Freshwater Research, 1999, 33, 437-441.	2.0	16
144	Spatial and temporal variation in the provisioning behaviour of female rockhopper penguins <i>Eudyptes chrysocome filholi</i> . Journal of Avian Biology, 2005, 36, 135-145.	1.2	16

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