Yan Ropert-Coudert

List of Publications by Year
in descending order

121 papers	6,234 citations	57758 44 h-index	76900 74 g-index
121 all docs	121 docs citations	121 times ranked	6342 citing authors

#	Article	IF	Citations
1	Predator-derived bioregions in the Southern Ocean: Characteristics, drivers and representation in marine protected areas. Biological Conservation, 2022, 272, 109630.	4.1	5
2	AdÃ©lie penguins foraging consistency and site fidelity are conditioned by breeding status and environmental conditions. PLoS ONE, 2021, 16, e0244298.	2.5	8
3	Diving behaviour of albatrosses: implications for foraging ecology and bycatch susceptibility. Marine Biology, 2021, 168, 1.	1.5	9
4	Intra- and inter-individual changes in little penguin diving and isotopic composition over the breeding season. Marine Biology, 2021, 168, 1.	1.5	2
5	Anthropogenic activities are associated with shorter telomeres in chicks of AdÃ©lie penguin (Pygoscelis adeliae). Polar Biology, 2021, 44, 1391-1399.	1.2	5
6	Ontogenetic changes in activity, locomotion and behavioural complexity in tadpoles. Biological Journal of the Linnean Society, 2021, 134, 165-176.	1.6	6
7	The consequences of chaos: Foraging activity of a marine predator remains impacted several days after the end of a storm. PLoS ONE, 2021, 16, e0254269.	2.5	4
8	Exploring the interplay between nest vocalizations and foraging behaviour in breeding birds. Animal Behaviour, 2021, 180, 375-391.	1.9	0
9	Habitat utilization of a mesopredator linked to lower sea-surface temperatures & prey abundance in a region of rapid warming. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 175, 104634.	1.4	6
10	Foraging tactics in dynamic seaâ€ice habitats affect individual state in a longâ€ranging seabird. Functional Ecology, 2020, 34, 1839-1856.	3.6	11
11	Marine Ecosystem Assessment for the Southern Ocean: Birds and Marine Mammals in a Changing Climate. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	63
12	Oceanic thermal structure mediates dive sequences in a foraging seabird. Ecology and Evolution, 2020, 10, 6610-6622.	1.9	15
13	Antarctic petrels â€˜on the ice rocksâ€™: wintering strategy of an Antarctic seabird. Royal Society Open Science, 2020, 7, 191429.	2.4	10
14	COVID-19 lockdown allows researchers to quantify the effects of human activity on wildlife. Nature Ecology and Evolution, 2020, 4, 1156-1159.	7.8	413
15	Tracking of marine predators to protect Southern Ocean ecosystems. Nature, 2020, 580, 87-92.	27.8	156
16	The diving behaviour of little penguins in Western Australia predisposes them to risk of injury by watercraft. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 461-474.	2.0	4
17	Quantifying prey availability using the foraging plasticity of a marine predator, the little penguin. Functional Ecology, 2020, 34, 1626-1639.	3.6	11
18	Sea-ice edge is more important than closer open water access for foraging AdÃ©lie penguins: evidence from two colonies. Marine Ecology - Progress Series, 2020, 640, 215-230.	1.9	10

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19	Scale matters: sea ice and breeding success of AdÃ©lie penguins. Polar Biology, 2019, 42, 1405-1410.	1.2	7
20	Dynamic Fineâ€Scale Sea Icescape Shapes Adult Emperor Penguin Foraging Habitat in East Antarctica. Geophysical Research Letters, 2019, 46, 11206-11218.	4.0	18
21	AdÃ©lie penguinsâ€™ extensive seasonal migration supports dynamic Marine Protected Area planning in Antarctica. Marine Policy, 2019, 109, 103692.	3.2	14
22	Large birds travel farther in homogeneous environments. Global Ecology and Biogeography, 2019, 28, 576-587.	5.8	39
23	Cross-disciplinarity in the advance of Antarctic ecosystem research. Marine Genomics, 2018, 37, 1-17.	1.1	70
24	Two Recent Massive Breeding Failures in an AdÃ©lie Penguin Colony Call for the Creation of a Marine Protected Area in D'Urville Sea/Mertz. Frontiers in Marine Science, 2018, 5, .	2.5	33
25	Reproductive performance and diving behaviour share a common seaâ€ice concentration optimum in AdÃ©lie penguins (Pygoscelis adeliae). Global Change Biology, 2018, 24, 5304-5317.	9.5	34
26	Within-colony spatial segregation leads to foraging behaviour variation in a seabird. Marine Ecology - Progress Series, 2018, 606, 215-230.	1.9	31
27	Reduced activity in middle-aged thick-billed murres: evidence for age related trends in fine-scale foraging behaviour. Animal Behaviour, 2017, 126, 271-280.	1.9	9
28	Shallow divers, deep waters and the rise of behavioural stochasticity. Marine Biology, 2017, 164, 1.	1.5	14
29	Jellyfish and other gelata as food for four penguin species â€“ insights from predatorâ€borne videos. Frontiers in Ecology and the Environment, 2017, 15, 437-441.	4.0	62
30	Subtle but significant segregation in the feeding ecology of sympatric penguins during the critical pre-moult period. Marine Ecology - Progress Series, 2017, 565, 227-236.	1.9	17
31	Spring phenology shapes the spatial foraging behavior of Antarctic petrels. Marine Ecology - Progress Series, 2017, 568, 203-215.	1.9	11
32	Individual parameters shape foraging activity in breeding king penguins. Behavioral Ecology, 2016, 27, 352-362.	2.2	8
33	Flexible flight response to challenging wind conditions in a commuting Antarctic seabird: do you catch the drift?. Animal Behaviour, 2016, 113, 99-112.	1.9	48
34	Key Questions in Marine Megafauna Movement Ecology. Trends in Ecology and Evolution, 2016, 31, 463-475.	8.7	397
35	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. Trends in Ecology and Evolution, 2016, 31, 85-87.	8.7	10
36	At-Sea Distribution and Prey Selection of Antarctic Petrels and Commercial Krill Fisheries. PLoS ONE, 2016, 11, e0156968.	2.5	27

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37	Hydrodynamic handicaps and organizational complexity in the foraging behavior of two free-ranging penguin species. Animal Biotelemetry, 2015, 3, .	1.9	6
38	A priority-based queuing process explanation for scale-free foraging behaviours. Animal Behaviour, 2015, 108, 67-71.	1.9	12
39	Habitat use and sex-specific foraging behaviour of AdÃ©lie penguins throughout the breeding season in AdÃ©lie Land, East Antarctica. Movement Ecology, 2015, 3, 30.	2.8	40
40	Ageing gracefully: physiology but not behaviour declines with age in a diving seabird. Functional Ecology, 2015, 29, 219-228.	3.6	50
41	Important marine habitat off east Antarctica revealed by two decades of multiâ€species predator tracking. Ecography, 2015, 38, 121-129.	4.5	134
42	A complete breeding failure in an AdÃ©lie penguin colony correlates with unusual and extreme environmental events. Ecography, 2015, 38, 111-113.	4.5	62
43	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. Antarctic Science, 2015, 27, 3-18.	0.9	158
44	Archiving Primary Data: Solutions for Long-Term Studies. Trends in Ecology and Evolution, 2015, 30, 581-589.	8.7	98
45	Telomere length reflects individual quality in free-living adult king penguins. Polar Biology, 2015, 38, 2059-2067.	1.2	49
46	Flexible foraging behaviour in a marine predator, the Masked booby (Sula dactylatra), according to foraging locations and environmental conditions. Journal of Experimental Marine Biology and Ecology, 2015, 463, 79-86.	1.5	26
47	How Cheap Is Soaring Flight in Raptors? A Preliminary Investigation in Freely-Flying Vultures. PLoS ONE, 2014, 9, e84887.	2.5	120
48	Fine-scale spatial age segregation in the limited foraging area of an inshore seabird species, the little penguin. Oecologia, 2014, 176, 399-408.	2.0	55
49	Decreasing prolactin levels leads to a lower diving effort but does not affect breeding success in AdÃ©lie penguins. Hormones and Behavior, 2014, 65, 134-141.	2.1	13
50	Ageâ€related variation in energy expenditure in a longâ€lived bird within the envelope of an energy ceiling. Journal of Animal Ecology, 2014, 83, 136-146.	2.8	69
51	Corticosterone administration leads to a transient alteration of foraging behaviour and complexity in a diving seabird. Marine Ecology - Progress Series, 2014, 496, 249-262.	1.9	22
52	Temporal fractals in seabird foraging behaviour: diving through the scales of time. Scientific Reports, 2013, 3, 1884.	3.3	33
53	The individual counts: within sex differences in foraging strategies are as important as sexâ€specific differences in masked boobies Sula dactylatra. Journal of Avian Biology, 2013, 44, 531-540.	1.2	26
54	Giant petrels as predators of albatross chicks. Polar Biology, 2013, 36, 761-766.	1.2	20

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55	Modeling foraging range for breeding colonies of thick-billed murres Uria lomvia in the Eastern Canadian Arctic and potential overlap with industrial development. Biological Conservation, 2013, 168, 134-143.	4.1	34
56	Accelerometry predicts daily energy expenditure in a bird with high activity levels. Biology Letters, 2013, 9, 20120919.	2.3	97
57	Foraging Parameters Influencing the Detection and Interpretation of Area-Restricted Search Behaviour in Marine Predators: A Case Study with the Masked Booby. PLoS ONE, 2013, 8, e63742.	2.5	34
58	Foraging strategies of male AdÃ©lie penguins during their first incubation trip in relation to environmental conditions. Marine Biology, 2012, 159, 1843-1852.	1.5	29
59	King penguins adjust their diving behaviour with age. Journal of Experimental Biology, 2012, 215, 3685-3692.	1.7	29
60	Can Thermoclines Be a Cue to Prey Distribution for Marine Top Predators? A Case Study with Little Penguins. PLoS ONE, 2012, 7, e31768.	2.5	38
61	Does Corticosterone Affect Diving Behaviour of Male AdÃ©lie Penguins? A Preliminary Experimental Study. Ornithological Science, 2011, 10, 3-11.	0.5	6
62	Diving patterns of female macaroni penguins breeding on Marion Island, South Africa. Polar Biology, 2011, 34, 945-954.	1.2	13
63	Plasticity in foraging strategies of inshore birds: how Little Penguins maintain body reserves while feeding offspring. Ecology, 2011, 92, 1909-1916.	3.2	53
64	Energy expenditure of freely swimming adult green turtles (Chelonia mydas) and its link with body acceleration. Journal of Experimental Biology, 2011, 214, 4010-4020.	1.7	54
65	Everybody needs somebody: unequal parental effort in little penguins. Behavioral Ecology, 2011, 22, 837-845.	2.2	22
66	Does Foraging Performance Change with Age in Female Little Penguins (Eudyptula minor)?. PLoS ONE, 2011, 6, e16098.	2.5	65
67	Diving behaviour of chick-rearing AdÃ©lie Penguins at Edmonson Point, Ross Sea. Polar Biology, 2010, 33, 969-978.	1.2	5
68	Swimming speed variation in amphibious seasnakes (Laticaudinae): A search for underlying mechanisms. Journal of Experimental Marine Biology and Ecology, 2010, 394, 116-122.	1.5	13
69	On a wing and a prayer: the foraging ecology of breeding Cape cormorants. Journal of Zoology, 2010, 280, 25-32.	1.7	10
70	When seaâ€ice clock is ahead of AdÃ©lie penguinsâ€™ clock. Functional Ecology, 2010, 24, 93-102.	3.6	24
71	Foraging in an oxidative environment: relationship between Î´ ¹³ C values and oxidative status in AdÃ©lie penguins. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1087-1092.	2.6	54
72	Seabirds, fisheries, and cameras. Frontiers in Ecology and the Environment, 2010, 8, 401-402.	4.0	16

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73	Ecophysiological response of AdÃ©lie penguins facing an experimental increase in breeding constraints. Journal of Experimental Biology, 2010, 213, 33-39.	1.7	17
74	Buoyancy under Control: Underwater Locomotor Performance in a Deep Diving Seabird Suggests Respiratory Strategies for Reducing Foraging Effort. PLoS ONE, 2010, 5, e9839.	2.5	33
75	Diving of Great Shearwaters (Puffinus gravis) in Cold and Warm Water Regions of the South Atlantic Ocean. PLoS ONE, 2010, 5, e15508.	2.5	44
76	Dive efficiency versus depth in foraging emperor penguins. Aquatic Biology, 2010, 8, 269-277.	1.4	39
77	ECG Response of Koalas to Tourists Proximity: A Preliminary Study. PLoS ONE, 2009, 4, e7378.	2.5	14
78	Sex-specific parental strategies according to the sex of offspring in the AdÃ©lie penguin. Behavioral Ecology, 2009, 20, 878-883.	2.2	16
79	Impact of small-scale environmental perturbations on local marine food resources: a case study of a predator, the little penguin. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4105-4109.	2.6	66
80	Flipper Bands Modify the Short-Term Diving Behavior of Little Penguins. Journal of Wildlife Management, 2009, 73, 1348-1354.	1.8	11
81	Can a handicapped parent rely on its partner? An experimental study within AdÃ©lie penguin pairs. Animal Behaviour, 2009, 78, 313-320.	1.9	21
82	Relationship between reversed sexual dimorphism, breeding investment and foraging ecology in a pelagic seabird, the masked booby. Oecologia, 2009, 161, 637-649.	2.0	50
83	Evidence of dominant parasympathetic nervous activity of great cormorants (PhalacrocoraxÂcarbo). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2009, 195, 365-373.	1.6	13
84	Underwater wingbeats extend depth and duration of plunge dives in northern gannets Morus bassanus. Journal of Avian Biology, 2009, 40, 380-387.	1.2	43
85	Leg-attached data loggers do not modify the diving performances of a foot-propelled seabird. Journal of Zoology, 2009, 279, 294-297.	1.7	14
86	Diving into the world of biologging. Endangered Species Research, 2009, 10, 21-27.	2.4	68
87	Species- and sex-specific differences in foraging behaviour and foraging zones in blue-footed and brown boobies in the Gulf of California. Marine Ecology - Progress Series, 2009, 391, 267-278.	1.9	108
88	WHAT GROUNDS SOME BIRDS FOR LIFE? MOVEMENT AND DIVING IN THE SEXUALLY DIMORPHIC GALÃPAGOS CORMORANT. Ecological Monographs, 2008, 78, 633-652.	5.4	22
89	REGULATION OF TRIP DURATION BY AN INSHORE FORAGER, THE LITTLE PENGUIN (EUDYPTULA MINOR), DURING INCUBATION. Auk, 2008, 125, 588-593.	1.4	36
90	Foraging behaviour of little penguins Eudyptula minor in an artificially modified environment. Endangered Species Research, 2008, 4, 95-103.	2.4	23

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91	Foraging behaviour and habitat selection of the little penguin Eudyptula minor during early chick rearing in Bass Strait, Australia. Marine Ecology - Progress Series, 2008, 366, 293-303.	1.9	48
92	Changes in dive profiles as an indicator of feeding success in king and AdÃ©lie penguins. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 248-255.	1.4	105
93	How do different data logger sizes and attachment positions affect the diving behaviour of little penguins?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 415-423.	1.4	63
94	Diving behaviour of Little Penguins from four colonies across their whole distribution range: bathymetry affecting diving effort and fledging success. Marine Biology, 2007, 151, 1535-1542.	1.5	40
95	Foraging behaviour and energetics of Cape gannets Morus capensis feeding on live prey and fishery discards in the Benguela upwelling system. Marine Ecology - Progress Series, 2007, 350, 127-136.	1.9	85
96	Assessing performance constraints in penguins with externally-attached devices. Marine Ecology - Progress Series, 2007, 333, 281-289.	1.9	52
97	Dispersal and dive patterns in gravid leatherback turtles during the nesting season in French Guiana. Marine Ecology - Progress Series, 2007, 338, 233-247.	1.9	41
98	DOES ELASTIN CONTRIBUTE TO THE PERSISTENCE OF CORPORA ALBICANTIA IN THE OVARY OF THE COMMON DOLPHIN (DELPHINUS DELPHIS). Marine Mammal Science, 2006, 22, 819-830.	1.8	13
99	Sex-specific foraging behaviour in a seabird with reversed sexual dimorphism: the red-footed booby. Oecologia, 2006, 146, 681-691.	2.0	102
100	Foraging strategies and prey encounter rate of free-ranging Little Penguins. Marine Biology, 2006, 149, 139-148.	1.5	96
101	Locomotion and foraging strategy in foot-propelled and wing-propelled shallow-diving seabirds. Marine Ecology - Progress Series, 2006, 308, 293-301.	1.9	63
102	Electrocardiogram recordings in free-ranging gannets reveal minimum difference in heart rate during flapping versus gliding flight. Marine Ecology - Progress Series, 2006, 328, 275-284.	1.9	65
103	A new technique for monitoring the detailed behaviour of terrestrial animals: A case study with the domestic cat. Applied Animal Behaviour Science, 2005, 94, 117-131.	1.9	113
104	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.	2.6	94
105	Trends and perspectives in animal-attached remote sensing. Frontiers in Ecology and the Environment, 2005, 3, 437-444.	4.0	381
106	Temperature inside nest boxes of little penguins. Wildlife Society Bulletin, 2004, 32, 177-182.	1.6	19
107	A fine-scale time budget of Cape gannets provides insights into the foraging strategies of coastal seabirds. Animal Behaviour, 2004, 67, 985-992.	1.9	127
108	Decision-rules for leaping Adlie penguins (Pygoscelis adeliae). Journal of Zoology, 2004, 263, 1-5.	1.7	10

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109	Patterns of energy acquisition by a central place forager: benefits of alternating short and long foraging trips. Behavioral Ecology, 2004, 15, 824-830.	2.2	88
110	Offshore diplomacy or how seabirds mitigate intra-specific competition: a case study based on GPS tracking of Cape gannets from neighbouring colonies. Marine Ecology - Progress Series, 2004, 268, 265-279.	1.9	242
111	Exploitation of distant marginal ice zones by king penguins during winter. Marine Ecology - Progress Series, 2004, 283, 293-297.	1.9	46
112	Individual Diving Strategies in the Little Penguin. Waterbirds, 2003, 26, 403.	0.3	33
113	Seasonal and annual variations in earthworm consumption by wild boar (Sus scrofa scrofa L.). Wildlife Research, 2003, 30, 179.	1.4	65
114	Short Underwater Opening of the Beak Following Immersion in Seven Penguin Species. Condor, 2002, 104, 444-448.	1.6	2
115	Changes in AdÃ©lie penguin breeding populations in LÃ¼tzow-Holm Bay, Antarctica, in relation to sea-ice conditions. Polar Biology, 2002, 25, 934-938.	1.2	35
116	Swim speed of free-ranging AdÃ©lie penguinsPygoscelis adeliaeand its relation to the maximum depth of dives. Journal of Avian Biology, 2002, 33, 94-99.	1.2	18
117	Rush and grab strategies in foraging marine endotherms: the case for haste in penguins. Animal Behaviour, 2002, 63, 85-95.	1.9	88
118	Feeding strategies of free-ranging AdÃ©lie penguins Pygoscelis adeliae analysed by multiple data recording. Polar Biology, 2001, 24, 460-466.	1.2	69
119	Time/depth usage of AdÃ©lie penguins: an approach based on dive angles. Polar Biology, 2001, 24, 467-470.	1.2	33
120	A new technique for monitoring the behaviour of free-ranging AdÃ©lie penguins. Journal of Experimental Biology, 2001, 204, 685-90.	1.7	119
121	Impact of Externally Attached Loggers on the Diving Behaviour of the King Penguin. Physiological and Biochemical Zoology, 2000, 73, 438-444.	1.5	65