

Yan Ropert-Coudert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/714997/publications.pdf>

Version: 2024-02-01

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	COVID-19 lockdown allows researchers to quantify the effects of human activity on wildlife. <i>Nature Ecology and Evolution</i> , 2020, 4, 1156-1159.	7.8	413
2	Key Questions in Marine Megafauna Movement Ecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 463-475.	8.7	397
3	Trends and perspectives in animal-attached remote sensing. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 437-444.	4.0	381
4	Offshore diplomacy or how seabirds mitigate intra-specific competition: a case study based on GPS tracking of Cape gannets from neighbouring colonies. <i>Marine Ecology - Progress Series</i> , 2004, 268, 265-279.	1.9	242
5	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. <i>Antarctic Science</i> , 2015, 27, 3-18.	0.9	158
6	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	27.8	156
7	Important marine habitat off east Antarctica revealed by two decades of multi-species predator tracking. <i>Ecography</i> , 2015, 38, 121-129.	4.5	134
8	A fine-scale time budget of Cape gannets provides insights into the foraging strategies of coastal seabirds. <i>Animal Behaviour</i> , 2004, 67, 985-992.	1.9	127
9	How Cheap Is Soaring Flight in Raptors? A Preliminary Investigation in Freely-Flying Vultures. <i>PLoS ONE</i> , 2014, 9, e84887.	2.5	120
10	A new technique for monitoring the behaviour of free-ranging Adelie penguins. <i>Journal of Experimental Biology</i> , 2001, 204, 685-90.	1.7	119
11	A new technique for monitoring the detailed behaviour of terrestrial animals: A case study with the domestic cat. <i>Applied Animal Behaviour Science</i> , 2005, 94, 117-131.	1.9	113
12	Species- and sex-specific differences in foraging behaviour and foraging zones in blue-footed and brown boobies in the Gulf of California. <i>Marine Ecology - Progress Series</i> , 2009, 391, 267-278.	1.9	108
13	Changes in dive profiles as an indicator of feeding success in king and Adelie penguins. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 248-255.	1.4	105
14	Sex-specific foraging behaviour in a seabird with reversed sexual dimorphism: the red-footed booby. <i>Oecologia</i> , 2006, 146, 681-691.	2.0	102
15	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015, 30, 581-589.	8.7	98
16	Accelerometry predicts daily energy expenditure in a bird with high activity levels. <i>Biology Letters</i> , 2013, 9, 20120919.	2.3	97
17	Foraging strategies and prey encounter rate of free-ranging Little Penguins. <i>Marine Biology</i> , 2006, 149, 139-148.	1.5	96
18	The three-dimensional flight of red-footed boobies: adaptations to foraging in a tropical environment?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 53-61.	2.6	94

#	ARTICLE	IF	CITATIONS
19	Rush and grab strategies in foraging marine endotherms: the case for haste in penguins. <i>Animal Behaviour</i> , 2002, 63, 85-95.	1.9	88
20	Patterns of energy acquisition by a central place forager: benefits of alternating short and long foraging trips. <i>Behavioral Ecology</i> , 2004, 15, 824-830.	2.2	88
21	Foraging behaviour and energetics of Cape gannets <i>Morus capensis</i> feeding on live prey and fishery discards in the Benguela upwelling system. <i>Marine Ecology - Progress Series</i> , 2007, 350, 127-136.	1.9	85
22	Cross-disciplinarity in the advance of Antarctic ecosystem research. <i>Marine Genomics</i> , 2018, 37, 1-17.	1.1	70
23	Feeding strategies of free-ranging AdÃ©lie penguins <i>Pygoscelis adeliae</i> analysed by multiple data recording. <i>Polar Biology</i> , 2001, 24, 460-466.	1.2	69
24	Age-related variation in energy expenditure in a long-lived bird within the envelope of an energy ceiling. <i>Journal of Animal Ecology</i> , 2014, 83, 136-146.	2.8	69
25	Diving into the world of biologging. <i>Endangered Species Research</i> , 2009, 10, 21-27.	2.4	68
26	Impact of small-scale environmental perturbations on local marine food resources: a case study of a predator, the little penguin. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4105-4109.	2.6	66
27	Impact of Externally Attached Loggers on the Diving Behaviour of the King Penguin. <i>Physiological and Biochemical Zoology</i> , 2000, 73, 438-444.	1.5	65
28	Seasonal and annual variations in earthworm consumption by wild boar (<i>Sus scrofa scrofa</i> L.). <i>Wildlife Research</i> , 2003, 30, 179.	1.4	65
29	Does Foraging Performance Change with Age in Female Little Penguins (<i>Eudyptula minor</i>)?. <i>PLoS ONE</i> , 2011, 6, e16098.	2.5	65
30	Electrocardiogram recordings in free-ranging gannets reveal minimum difference in heart rate during flapping versus gliding flight. <i>Marine Ecology - Progress Series</i> , 2006, 328, 275-284.	1.9	65
31	How do different data logger sizes and attachment positions affect the diving behaviour of little penguins?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 415-423.	1.4	63
32	Marine Ecosystem Assessment for the Southern Ocean: Birds and Marine Mammals in a Changing Climate. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	63
33	Locomotion and foraging strategy in foot-propelled and wing-propelled shallow-diving seabirds. <i>Marine Ecology - Progress Series</i> , 2006, 308, 293-301.	1.9	63
34	A complete breeding failure in an AdÃ©lie penguin colony correlates with unusual and extreme environmental events. <i>Ecography</i> , 2015, 38, 111-113.	4.5	62
35	Jellyfish and other gelata as food for four penguin species â insights from predator-borne videos. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 437-441.	4.0	62
36	Fine-scale spatial age segregation in the limited foraging area of an inshore seabird species, the little penguin. <i>Oecologia</i> , 2014, 176, 399-408.	2.0	55

#	ARTICLE	IF	CITATIONS
37	Foraging in an oxidative environment: relationship between $\delta^{13}C$ values and oxidative status in Adelie penguins. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1087-1092.	2.6	54
38	Energy expenditure of freely swimming adult green turtles (<i>Chelonia mydas</i>) and its link with body acceleration. Journal of Experimental Biology, 2011, 214, 4010-4020.	1.7	54
39	Plasticity in foraging strategies of inshore birds: how Little Penguins maintain body reserves while feeding offspring. Ecology, 2011, 92, 1909-1916.	3.2	53
40	Assessing performance constraints in penguins with externally-attached devices. Marine Ecology - Progress Series, 2007, 333, 281-289.	1.9	52
41	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
42	Ageing gracefully: physiology but not behaviour declines with age in a diving seabird. Functional Ecology, 2015, 29, 219-228.	3.6	50
43	Telomere length reflects individual quality in free-living adult king penguins. Polar Biology, 2015, 38, 2059-2067.	1.2	49
44	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
45	Foraging behaviour and habitat selection of the little penguin <i>Eudyptula minor</i> during early chick rearing in Bass Strait, Australia. Marine Ecology - Progress Series, 2008, 366, 293-303.	1.9	48
46	Exploitation of distant marginal ice zones by king penguins during winter. Marine Ecology - Progress Series, 2004, 283, 293-297.	1.9	46
47	Diving of Great Shearwaters (<i>Puffinus gravis</i>) in Cold and Warm Water Regions of the South Atlantic Ocean. PLoS ONE, 2010, 5, e15508.	2.5	44
48	Underwater wingbeats extend depth and duration of plunge dives in northern gannets <i>Morus bassanus</i> . Journal of Avian Biology, 2009, 40, 380-387.	1.2	43
49	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
50	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
51	Habitat use and sex-specific foraging behaviour of Adelie penguins throughout the breeding season in Adelie Land, East Antarctica. Movement Ecology, 2015, 3, 30.	2.8	40
52	Large birds travel farther in homogeneous environments. Global Ecology and Biogeography, 2019, 28, 576-587.	5.8	39
53	Dive efficiency versus depth in foraging emperor penguins. Aquatic Biology, 2010, 8, 269-277.	1.4	39
54	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

#	ARTICLE	IF	CITATIONS
55	REGULATION OF TRIP DURATION BY AN INSHORE FORAGER, THE LITTLE PENGUIN (<i>EUDYPTULA MINOR</i>), DURING INCUBATION. <i>Auk</i> , 2008, 125, 588-593.	1.4	36
56	Changes in Ad�lie penguin breeding populations in L�tzow-Holm Bay, Antarctica, in relation to sea-ice conditions. <i>Polar Biology</i> , 2002, 25, 934-938.	1.2	35
57	Modeling foraging range for breeding colonies of thick-billed murres <i>Uria lomvia</i> in the Eastern Canadian Arctic and potential overlap with industrial development. <i>Biological Conservation</i> , 2013, 168, 134-143.	4.1	34
58	Foraging Parameters Influencing the Detection and Interpretation of Area-Restricted Search Behaviour in Marine Predators: A Case Study with the Masked Booby. <i>PLoS ONE</i> , 2013, 8, e63742.	2.5	34
59	Reproductive performance and diving behaviour share a common sea�ce concentration optimum in Ad�lie penguins (<i>Pygoscelis adeliae</i>). <i>Global Change Biology</i> , 2018, 24, 5304-5317.	9.5	34
60	Time/depth usage of Ad�lie penguins: an approach based on dive angles. <i>Polar Biology</i> , 2001, 24, 467-470.	1.2	33
61	Individual Diving Strategies in the Little Penguin. <i>Waterbirds</i> , 2003, 26, 403.	0.3	33
62	Temporal fractals in seabird foraging behaviour: diving through the scales of time. <i>Scientific Reports</i> , 2013, 3, 1884.	3.3	33
63	Two Recent Massive Breeding Failures in an Ad�lie Penguin Colony Call for the Creation of a Marine Protected Area in D'Urville Sea/Mertz. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	33
64	Buoyancy under Control: Underwater Locomotor Performance in a Deep Diving Seabird Suggests Respiratory Strategies for Reducing Foraging Effort. <i>PLoS ONE</i> , 2010, 5, e9839.	2.5	33
65	Within-colony spatial segregation leads to foraging behaviour variation in a seabird. <i>Marine Ecology - Progress Series</i> , 2018, 606, 215-230.	1.9	31
66	Foraging strategies of male Ad�lie penguins during their first incubation trip in relation to environmental conditions. <i>Marine Biology</i> , 2012, 159, 1843-1852.	1.5	29
67	King penguins adjust their diving behaviour with age. <i>Journal of Experimental Biology</i> , 2012, 215, 3685-3692.	1.7	29
68	At-Sea Distribution and Prey Selection of Antarctic Petrels and Commercial Krill Fisheries. <i>PLoS ONE</i> , 2016, 11, e0156968.	2.5	27
69	The individual counts: within sex differences in foraging strategies are as important as sex�specific differences in masked boobies (<i>Sula dactylatra</i>). <i>Journal of Avian Biology</i> , 2013, 44, 531-540.	1.2	26
70	Flexible foraging behaviour in a marine predator, the Masked booby (<i>Sula dactylatra</i>), according to foraging locations and environmental conditions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 463, 79-86.	1.5	26
71	When sea�ce clock is ahead of Ad�lie penguins� clock. <i>Functional Ecology</i> , 2010, 24, 93-102.	3.6	24
72	Foraging behaviour of little penguins <i>Eudyptula minor</i> in an artificially modified environment. <i>Endangered Species Research</i> , 2008, 4, 95-103.	2.4	23

#	ARTICLE	IF	CITATIONS
73	WHAT GROUNDS SOME BIRDS FOR LIFE? MOVEMENT AND DIVING IN THE SEXUALLY DIMORPHIC GALÁPAGOS CORMORANT. <i>Ecological Monographs</i> , 2008, 78, 633-652.	5.4	22
74	Everybody needs somebody: unequal parental effort in little penguins. <i>Behavioral Ecology</i> , 2011, 22, 837-845.	2.2	22
75	Corticosterone administration leads to a transient alteration of foraging behaviour and complexity in a diving seabird. <i>Marine Ecology - Progress Series</i> , 2014, 496, 249-262.	1.9	22
76	Can a handicapped parent rely on its partner? An experimental study within Adélie penguin pairs. <i>Animal Behaviour</i> , 2009, 78, 313-320.	1.9	21
77	Giant petrels as predators of albatross chicks. <i>Polar Biology</i> , 2013, 36, 761-766.	1.2	20
78	Temperature inside nest boxes of little penguins. <i>Wildlife Society Bulletin</i> , 2004, 32, 177-182.	1.6	19
79	Swim speed of free-ranging Adélie penguins <i>Pygoscelis adeliae</i> and its relation to the maximum depth of dives. <i>Journal of Avian Biology</i> , 2002, 33, 94-99.	1.2	18
80	Dynamic Fine-Scale Sea Icescape Shapes Adult Emperor Penguin Foraging Habitat in East Antarctica. <i>Geophysical Research Letters</i> , 2019, 46, 11206-11218.	4.0	18
81	Ecophysiological response of Adélie penguins facing an experimental increase in breeding constraints. <i>Journal of Experimental Biology</i> , 2010, 213, 33-39.	1.7	17
82	Subtle but significant segregation in the feeding ecology of sympatric penguins during the critical pre-moult period. <i>Marine Ecology - Progress Series</i> , 2017, 565, 227-236.	1.9	17
83	Sex-specific parental strategies according to the sex of offspring in the Adélie penguin. <i>Behavioral Ecology</i> , 2009, 20, 878-883.	2.2	16
84	Seabirds, fisheries, and cameras. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 401-402.	4.0	16
85	Oceanic thermal structure mediates dive sequences in a foraging seabird. <i>Ecology and Evolution</i> , 2020, 10, 6610-6622.	1.9	15
86	ECG Response of Koalas to Tourists Proximity: A Preliminary Study. <i>PLoS ONE</i> , 2009, 4, e7378.	2.5	14
87	Leg-attached data loggers do not modify the diving performances of a foot-propelled seabird. <i>Journal of Zoology</i> , 2009, 279, 294-297.	1.7	14
88	Shallow divers, deep waters and the rise of behavioural stochasticity. <i>Marine Biology</i> , 2017, 164, 1.	1.5	14
89	Adélie penguins' extensive seasonal migration supports dynamic Marine Protected Area planning in Antarctica. <i>Marine Policy</i> , 2019, 109, 103692.	3.2	14
90	DOES ELASTIN CONTRIBUTE TO THE PERSISTENCE OF CORPORA ALBICANTIA IN THE OVARY OF THE COMMON DOLPHIN (<i>DELPHINUS DELPHIS</i>). <i>Marine Mammal Science</i> , 2006, 22, 819-830.	1.8	13

#	ARTICLE	IF	CITATIONS
91	Evidence of dominant parasympathetic nervous activity of great cormorants (<i>Phalacrocorax carbo</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 365-373.	1.6	13
92	Swimming speed variation in amphibious seasnakes (<i>Laticaudinae</i>): A search for underlying mechanisms. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 394, 116-122.	1.5	13
93	Diving patterns of female macaroni penguins breeding on Marion Island, South Africa. <i>Polar Biology</i> , 2011, 34, 945-954.	1.2	13
94	Decreasing prolactin levels leads to a lower diving effort but does not affect breeding success in Adélie penguins. <i>Hormones and Behavior</i> , 2014, 65, 134-141.	2.1	13
95	A priority-based queuing process explanation for scale-free foraging behaviours. <i>Animal Behaviour</i> , 2015, 108, 67-71.	1.9	12
96	Flipper Bands Modify the Short-Term Diving Behavior of Little Penguins. <i>Journal of Wildlife Management</i> , 2009, 73, 1348-1354.	1.8	11
97	Foraging tactics in dynamic sea-ice habitats affect individual state in a long-ranging seabird. <i>Functional Ecology</i> , 2020, 34, 1839-1856.	3.6	11
98	Quantifying prey availability using the foraging plasticity of a marine predator, the little penguin. <i>Functional Ecology</i> , 2020, 34, 1626-1639.	3.6	11
99	Spring phenology shapes the spatial foraging behavior of Antarctic petrels. <i>Marine Ecology - Progress Series</i> , 2017, 568, 203-215.	1.9	11
100	Decision-rules for leaping Adlie penguins (<i>Pygoscelis adeliae</i>). <i>Journal of Zoology</i> , 2004, 263, 1-5.	1.7	10
101	On a wing and a prayer: the foraging ecology of breeding Cape cormorants. <i>Journal of Zoology</i> , 2010, 280, 25-32.	1.7	10
102	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 85-87.	8.7	10
103	Antarctic petrels on the ice rocks™: wintering strategy of an Antarctic seabird. <i>Royal Society Open Science</i> , 2020, 7, 191429.	2.4	10
104	Sea-ice edge is more important than closer open water access for foraging Adélie penguins: evidence from two colonies. <i>Marine Ecology - Progress Series</i> , 2020, 640, 215-230.	1.9	10
105	Reduced activity in middle-aged thick-billed murres: evidence for age related trends in fine-scale foraging behaviour. <i>Animal Behaviour</i> , 2017, 126, 271-280.	1.9	9
106	Diving behaviour of albatrosses: implications for foraging ecology and bycatch susceptibility. <i>Marine Biology</i> , 2021, 168, 1.	1.5	9
107	Individual parameters shape foraging activity in breeding king penguins. <i>Behavioral Ecology</i> , 2016, 27, 352-362.	2.2	8
108	Adélie penguins foraging consistency and site fidelity are conditioned by breeding status and environmental conditions. <i>PLoS ONE</i> , 2021, 16, e0244298.	2.5	8

#	ARTICLE	IF	CITATIONS
109	Scale matters: sea ice and breeding success of Adelie penguins. <i>Polar Biology</i> , 2019, 42, 1405-1410.	1.2	7
110	Does Corticosterone Affect Diving Behaviour of Male Adelie Penguins? A Preliminary Experimental Study. <i>Ornithological Science</i> , 2011, 10, 3-11.	0.5	6
111	Hydrodynamic handicaps and organizational complexity in the foraging behavior of two free-ranging penguin species. <i>Animal Biotelemetry</i> , 2015, 3, .	1.9	6
112	Habitat utilization of a mesopredator linked to lower sea-surface temperatures & prey abundance in a region of rapid warming. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 175, 104634.	1.4	6
113	Ontogenetic changes in activity, locomotion and behavioural complexity in tadpoles. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 165-176.	1.6	6
114	Diving behaviour of chick-rearing Adelie Penguins at Edmonson Point, Ross Sea. <i>Polar Biology</i> , 2010, 33, 969-978.	1.2	5
115	Anthropogenic activities are associated with shorter telomeres in chicks of Adelie penguin (<i>Pygoscelis adeliae</i>). <i>Polar Biology</i> , 2021, 44, 1391-1399.	1.2	5
116	Predator-derived bioregions in the Southern Ocean: Characteristics, drivers and representation in marine protected areas. <i>Biological Conservation</i> , 2022, 272, 109630.	4.1	5
117	The diving behaviour of little penguins in Western Australia predisposes them to risk of injury by watercraft. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 461-474.	2.0	4
118	The consequences of chaos: Foraging activity of a marine predator remains impacted several days after the end of a storm. <i>PLoS ONE</i> , 2021, 16, e0254269.	2.5	4
119	Short Underwater Opening of the Beak Following Immersion in Seven Penguin Species. <i>Condor</i> , 2002, 104, 444-448.	1.6	2
120	Intra- and inter-individual changes in little penguin diving and isotopic composition over the breeding season. <i>Marine Biology</i> , 2021, 168, 1.	1.5	2
121	Exploring the interplay between nest vocalizations and foraging behaviour in breeding birds. <i>Animal Behaviour</i> , 2021, 180, 375-391.	1.9	0