

# Olivier Chastel

## List of Publications by Year in descending order

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Version: 2024-02-01

211  
papers

10,152  
citations

31976

53  
h-index

48315

88  
g-index

212  
all docs

212  
docs citations

212  
times ranked

6431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the Cost of Mounting an Immune Response. <i>American Naturalist</i> , 2003, 161, 367-379.	2.1	466
2	Testosterone and oxidative stress: the oxidation handicap hypothesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 819-825.	2.6	295
3	Stress Response and the Value of Reproduction: Are Birds Prudent Parents?. <i>American Naturalist</i> , 2009, 173, 589-598.	2.1	271
4	Stress, prolactin and parental investment in birds: A review. <i>General and Comparative Endocrinology</i> , 2009, 163, 142-148.	1.8	218
5	Body Condition and Seabird Reproductive Performance: A Study of Three Petrel Species. <i>Ecology</i> , 1995, 76, 2240-2246.	3.2	205
6	AN EXPERIMENTAL MANIPULATION OF LIFE-HISTORY TRAJECTORIES AND RESISTANCE TO OXIDATIVE STRESS. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1913-1924.	2.3	192
7	MAJOR HISTOCOMPATIBILITY ALLELES ASSOCIATED WITH LOCAL RESISTANCE TO MALARIA IN A PASSERINE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 383-389.	2.3	186
8	Complex Mhc -based mate choice in a wild passerine. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1111-1116.	2.6	175
9	Influence of Body Condition on Reproductive Decision and Reproductive Success in the Blue Petrel. <i>Auk</i> , 1995, 112, 964-972.	1.4	173
10	Multicolony tracking reveals the winter distribution of a pelagic seabird on an ocean basin scale. <i>Diversity and Distributions</i> , 2012, 18, 530-542.	4.1	165
11	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, 6370-6375.	7.1	162
12	TERMINAL INVESTMENT INDUCED BY IMMUNE CHALLENGE AND FITNESS TRAITS ASSOCIATED WITH MAJOR HISTOCOMPATIBILITY COMPLEX IN THE HOUSE SPARROW. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2823-2830.	2.3	155
13	Age, experience and reproductive performance in a long-lived bird: a hormonal perspective. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 611-621.	1.4	150
14	To breed or not to breed: endocrine response to mercury contamination by an Arctic seabird. <i>Biology Letters</i> , 2013, 9, 20130317.	2.3	146
15	Sex-specific patterns in baseline corticosterone and body condition changes in breeding Red-footed Boobies <i>Sula sula</i> . <i>Ibis</i> , 2003, 145, 212-219.	1.9	144
16	How does corticosterone affect parental behaviour and reproductive success? A study of prolactin in black-legged kittiwakes. <i>Functional Ecology</i> , 2009, 23, 784-793.	3.6	130
17	Do glucocorticoids mediate the link between environmental conditions and telomere dynamics in wild vertebrates? A review. <i>General and Comparative Endocrinology</i> , 2018, 256, 99-111.	1.8	122
18	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, 459-466.	2.1	114

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19	Reproduction and modulation of the stress response: an experimental test in the house sparrow. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 391-397.	2.6	109
20	Effects of experimental increase of corticosterone levels on begging behavior, immunity and parental provisioning rate in house sparrows. <i>General and Comparative Endocrinology</i> , 2008, 155, 101-108.	1.8	108
21	Corticosterone and Foraging Behavior in a Pelagic Seabird. <i>Physiological and Biochemical Zoology</i> , 2007, 80, 283-292.	1.5	106
22	Hormonal correlates of individual quality in a long-lived bird: a test of the "corticosterone" fitness hypothesis. <i>Biology Letters</i> , 2010, 6, 846-849.	2.3	106
23	Social environment affects female and egg testosterone levels in the house sparrow ( <i>Passer</i> ). <i>Tj ETQq1 1 0.784314</i> <i>rgBT /Overlock 10</i> <i>TF</i>	6.4	101
24	Frigatebirds ride high on thermals. <i>Nature</i> , 2003, 421, 333-334.	27.8	99
25	Age-specific reproductive success in a long-lived bird: do older parents resist stress better?. <i>Journal of Animal Ecology</i> , 2007, 76, 1181-1191.	2.8	99
26	Wide Range of Mercury Contamination in Chicks of Southern Ocean Seabirds. <i>PLoS ONE</i> , 2013, 8, e54508.	2.5	94
27	Pre-breeding energy requirements: thyroid hormone, metabolism and the timing of reproduction in house sparrows <i>Passer domesticus</i> . <i>Journal of Avian Biology</i> , 2003, 34, 298-306.	1.2	93
28	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.	1.4	92
29	Corticosterone and time-activity budget: An experiment with Black-legged kittiwakes. <i>Hormones and Behavior</i> , 2007, 52, 482-491.	2.1	92
30	Diversifying selection on MHC class I in the house sparrow ( <i>Passer domesticus</i> ). <i>Molecular Ecology</i> , 2009, 18, 1331-1340.	3.9	88
31	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
32	Foraging efficiency and adjustment of energy expenditure in a pelagic seabird provisioning its chick. <i>Journal of Animal Ecology</i> , 2003, 72, 500-508.	2.8	87
33	Unconventional ventral attachment of time-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
34	Effects of warm sea-surface temperature anomalies on the blue petrel at the Kerguelen Islands. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1001-1006.	2.6	86
35	Major histocompatibility alleles associated with local resistance to malaria in a passerine. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 383-9.	2.3	81
36	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.	1.8	78

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37	Plasmodium relictum infection and MHC diversity in the house sparrow ( Passer domesticus ). Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1264-1272.	2.6	75
38	Survival rate and breeding outputs in a high Arctic seabird exposed to legacy persistent organic pollutants and mercury. Environmental Pollution, 2015, 200, 1-9.	7.5	75
39	Does prolactin mediate parental and life-history decisions in response to environmental conditions in birds? A review. Hormones and Behavior, 2016, 77, 18-29.	2.1	75
40	Wandering Albatrosses Document Latitudinal Variations in the Transfer of Persistent Organic Pollutants and Mercury to Southern Ocean Predators. Environmental Science & Technology, 2014, 48, 14746-14755.	10.0	73
41	Long-term survival effect of corticosterone manipulation in Black-legged kittiwakes. General and Comparative Endocrinology, 2010, 167, 246-251.	1.8	72
42	Mercury exposure in a large subantarctic avian community. Environmental Pollution, 2014, 190, 51-57.	7.5	72
43	Corticosterone and foraging behavior in a diving seabird: The Ad�lie penguin, Pygoscelis adeliae. General and Comparative Endocrinology, 2008, 156, 134-144.	1.8	70
44	Should I stay or should I go? Hormonal control of nest abandonment in a long-lived bird, the Ad�lie penguin. Hormones and Behavior, 2010, 58, 762-768.	2.1	68
45	High feather mercury concentrations in the wandering albatross are related to sex, breeding status and trophic ecology with no demographic consequences. Environmental Research, 2016, 144, 1-10.	7.5	66
46	Male bill colour and age are associated with parental abilities and breeding performance in blackbirds. Behavioral Ecology and Sociobiology, 2005, 58, 497-505.	1.4	65
47	Endocrine and Fitness Correlates of Long-Chain Perfluorinated Carboxylates Exposure in Arctic Breeding Black-Legged Kittiwakes. Environmental Science & Technology, 2014, 48, 13504-13510.	10.0	64
48	Age and the timing of breeding in a long-lived bird: a role for stress hormones?. Functional Ecology, 2010, 24, 1007-1016.	3.6	62
49	A complete breeding failure in an Ad�lie penguin colony correlates with unusual and extreme environmental events. Ecography, 2015, 38, 111-113.	4.5	62
50	Sexually attractive phrases increase yolk androgens deposition in Canaries (Serinus canaria). General and Comparative Endocrinology, 2004, 138, 113-120.	1.8	61
51	Corticosterone alone does not trigger a short term behavioural shift in incubating female common eidersSomateria mollissima, but does modify long term reproductive success. Journal of Avian Biology, 2005, 36, 306-312.	1.2	60
52	Hormonal Correlates and Thermoregulatory Consequences of Molting on Metabolic Rate in a Northerly Wintering Shorebird. Physiological and Biochemical Zoology, 2009, 82, 129-142.	1.5	60
53	Coping with novelty and stress in free-living house sparrows. Journal of Experimental Biology, 2011, 214, 821-828.	1.7	60
54	Is telomere length a molecular marker of individual quality? Insights from a long-lived bird. Functional Ecology, 2019, 33, 1076-1087.	3.6	60

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55	Condition-dependent effects of corticosterone on a carotenoid-based begging signal in house sparrows. <i>Hormones and Behavior</i> , 2008, 53, 266-273.	2.1	57
56	Exogenous corticosterone and nest abandonment: A study in a long-lived bird, the AdÃ©lie penguin. <i>Hormones and Behavior</i> , 2011, 60, 362-370.	2.1	56
57	Thyroid Hormones Correlate with Basal Metabolic Rate but Not Field Metabolic Rate in a Wild Bird Species. <i>PLoS ONE</i> , 2013, 8, e56229.	2.5	56
58	Perfluorinated substances and telomeres in an Arctic seabird: Cross-sectional and longitudinal approaches. <i>Environmental Pollution</i> , 2017, 230, 360-367.	7.5	56
59	Oxidative stress in relation to reproduction, contaminants, gender and age in a long-lived seabird. <i>Oecologia</i> , 2014, 175, 1107-1116.	2.0	55
60	Personality predicts foraging site fidelity and trip repeatability in a marine predator. <i>Journal of Animal Ecology</i> , 2020, 89, 68-79.	2.8	54
61	Multispecies tracking reveals a major seabird hotspot in the North Atlantic. <i>Conservation Letters</i> , 2021, 14, e12824.	5.7	54
62	An experimental manipulation of life-history trajectories and resistance to oxidative stress. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1913-24.	2.3	53
63	Experimental mate-removal increases the stress response of female house sparrows: The effects of offspring value?. <i>Hormones and Behavior</i> , 2008, 53, 395-401.	2.1	52
64	Stress and the timing of breeding: Glucocorticoid-luteinizing hormones relationships in an arctic seabird. <i>General and Comparative Endocrinology</i> , 2010, 169, 108-116.	1.8	52
65	Higher plasma oxidative damage and lower plasma antioxidant defences in an Arctic seabird exposed to longer perfluoroalkyl acids. <i>Environmental Research</i> , 2019, 168, 278-285.	7.5	52
66	Trans-Equatorial Migration Routes, Staging Sites and Wintering Areas of a High-Arctic Avian Predator: The Long-tailed Skua ( <i>Stercorarius longicaudus</i> ). <i>PLoS ONE</i> , 2013, 8, e64614.	2.5	51
67	Mercury exposure, stress and prolactin secretion in an Arctic seabird: an experimental study. <i>Functional Ecology</i> , 2016, 30, 596-604.	3.6	49
68	Endocrine Correlates of Parental Care in an Antarctic Winter Breeding Seabird, the Emperor Penguin, <i>Aptenodytes forsteri</i> . <i>Hormones and Behavior</i> , 1999, 35, 9-17.	2.1	48
69	Linear social dominance hierarchy and corticosterone responses in male mallards and pintails. <i>Hormones and Behavior</i> , 2005, 47, 485-492.	2.1	48
70	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
71	Organism-environment interactions in a changing world: a mechanistic approach. <i>Journal of Ornithology</i> , 2011, 152, 279-288.	1.1	47
72	Exposure to oxychlorane is associated with shorter telomeres in arctic breeding kittiwakes. <i>Science of the Total Environment</i> , 2016, 563-564, 125-130.	8.0	47

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73	Corticosterone in thin-billed prion <i>Pachyptila belcheri</i> chicks: diel rhythm, timing of fledging and nutritional stress. <i>Die Naturwissenschaften</i> , 2007, 94, 919-925.	1.6	45
74	The lavender plumage colour in Japanese quail is associated with a complex mutation in the region of MLPH that is related to differences in growth, feed consumption and body temperature. <i>BMC Genomics</i> , 2012, 13, 442.	2.8	45
75	Contaminants and energy expenditure in an Arctic seabird: Organochlorine pesticides and perfluoroalkyl substances are associated with metabolic rate in a contrasted manner. <i>Environmental Research</i> , 2017, 157, 118-126.	7.5	45
76	Changes in prolactin in a highly organohalogen contaminated Arctic top predator seabird, the glaucous gull. <i>General and Comparative Endocrinology</i> , 2008, 156, 569-576.	1.8	44
77	Early body condition and hatching success in the snow petrel <i>Pagodroma nivea</i> . <i>Polar Biology</i> , 1999, 21, 1-4.	1.2	43
78	Postbreeding Movements of Frigatebirds Tracked with Satellite Telemetry. <i>Condor</i> , 2006, 108, 220.	1.6	42
79	Within-individual plasticity explains age-related decrease in stress response in a short-lived bird. <i>Biology Letters</i> , 2015, 11, 20150272.	2.3	41
80	Oxidative stress favours herpes virus infection in vertebrates: a meta-analysis. <i>Environmental Epigenetics</i> , 2016, 62, 325-332.	1.8	41
81	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.	1.8	40
82	Habitat use and sex-specific foraging behaviour of AdÃ©lie penguins throughout the breeding season in AdÃ©lie Land, East Antarctica. <i>Movement Ecology</i> , 2015, 3, 30.	2.8	40
83	Maternal Effects in Relation to Helper Presence in the Cooperatively Breeding Sociable Weaver. <i>PLoS ONE</i> , 2013, 8, e59336.	2.5	39
84	Predicting reproductive success from hormone concentrations in the common tern ( <i>Sterna hirundo</i> ) while considering food abundance. <i>Oecologia</i> , 2014, 176, 715-727.	2.0	39
85	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
86	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
87	What Factors Drive Prolactin and Corticosterone Responses to Stress in a Long-Lived Bird Species ( <i>Snow Petrel</i> <i>Pagodroma nivea</i> )?. <i>Physiological and Biochemical Zoology</i> , 2009, 82, 590-602.	1.5	37
88	Why do experienced birds reproduce better? Possible endocrine mechanisms in a long-lived seabird, the common tern. <i>General and Comparative Endocrinology</i> , 2012, 178, 391-399.	1.8	37
89	Modulation of the prolactin and the corticosterone stress responses: Do they tell the same story in a long-lived bird, the Cape petrel?. <i>General and Comparative Endocrinology</i> , 2013, 182, 7-15.	1.8	37
90	The stress of being contaminated? Adrenocortical function and reproduction in relation to persistent organic pollutants in female black legged kittiwakes. <i>Science of the Total Environment</i> , 2014, 476-477, 553-560.	8.0	36

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91	Migration and stress during reproduction govern telomere dynamics in a seabird. <i>Biology Letters</i> , 2014, 10, 20130889.	2.3	35
92	Does Feather Corticosterone Reflect Individual Quality or External Stress in Arctic-Nesting Migratory Birds?. <i>PLoS ONE</i> , 2013, 8, e82644.	2.5	35
93	Influence of reproductive success on breeding frequency in four southern petrels. <i>Ibis</i> , 1995, 137, 360-363.	1.9	34
94	Body Mass and Clutch Size May Modulate Prolactin and Corticosterone Levels in Eiders. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 514-521.	1.5	33
95	Experimentally reduced corticosterone release promotes early breeding in black-legged kittiwakes. <i>Journal of Experimental Biology</i> , 2011, 214, 2005-2013.	1.7	33
96	Relationships between POPs and baseline corticosterone levels in black-legged kittiwakes ( <i>Rissa</i> ) Tj ETQq0 0 0 rgBT_/Overlock_10 Tf 50 5	7.5	33
97	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
98	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
99	Does short-term fasting lead to stressed-out parents? A study of incubation commitment and the hormonal stress responses and recoveries in snow petrels. <i>Hormones and Behavior</i> , 2015, 67, 28-37.	2.1	33
100	A Bad Start in Life? Maternal Transfer of Legacy and Emerging Poly- and Perfluoroalkyl Substances to Eggs in an Arctic Seabird. <i>Environmental Science &amp; Technology</i> , 2022, 56, 6091-6102.	10.0	33
101	Is basal metabolic rate influenced by age in a long-lived seabird, the snow petrel?. <i>Journal of Experimental Biology</i> , 2007, 210, 3407-3414.	1.7	32
102	Factors Affecting Plasma Concentrations of Prolactin in the Common Eider <i>Somateria mollissima</i> . <i>General and Comparative Endocrinology</i> , 2002, 125, 399-409.	1.8	31
103	Kidnapping of chicks in emperor penguins: a hormonal by-product?. <i>Journal of Experimental Biology</i> , 2006, 209, 1413-1420.	1.7	31
104	Behavioral and physiological responses to male handicap in chick-rearing black-legged kittiwakes. <i>Behavioral Ecology</i> , 2011, 22, 1156-1165.	2.2	31
105	High levels of mercury and low levels of persistent organic pollutants in a tropical seabird in French Guiana, the Magnificent frigatebird, <i>Fregata magnificens</i> . <i>Environmental Pollution</i> , 2016, 214, 384-393.	7.5	31
106	Early developmental conditions affect stress response in juvenile but not in adult house sparrows ( <i>Passer domesticus</i> ). <i>General and Comparative Endocrinology</i> , 2009, 160, 30-35.	1.8	30
107	Exposure to PFAS is Associated with Telomere Length Dynamics and Demographic Responses of an Arctic Top Predator. <i>Environmental Science &amp; Technology</i> , 2020, 54, 10217-10226.	10.0	30
108	Brood size and body condition in the House Sparrow <i>Passer domesticus</i> : the influence of brooding behaviour. <i>Ibis</i> , 2002, 144, 284-292.	1.9	29

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109	Endocrine correlates of the breeding asynchrony between two corsican populations of blue tits ( <i>Parus caeruleus</i> ). <i>General and Comparative Endocrinology</i> , 2005, 140, 52-60.	1.8	29
110	Postbreeding Movements of Frigatebirds Tracked with Satellite Telemetry. <i>Condor</i> , 2006, 108, 220-225.	1.6	29
111	Ecophysiological response to an experimental increase of wing loading in a pelagic seabird. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 358, 14-19.	1.5	29
112	Do smart birds stress less? An interspecific relationship between brain size and corticosterone levels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131734.	2.6	29
113	Competition for resources modulates cell-mediated immunity and stress hormone level in nestling collared doves ( <i>Streptopelia decaocto</i> ). <i>General and Comparative Endocrinology</i> , 2008, 155, 542-551.	1.8	28
114	Does maternal social hierarchy affect yolk testosterone deposition in domesticated canaries?. <i>Animal Behaviour</i> , 2008, 75, 929-934.	1.9	28
115	Natural variation in stress response is related to post-stress parental effort in male house sparrows. <i>Hormones and Behavior</i> , 2010, 58, 936-942.	2.1	28
116	Mellowing with age: older parents are less responsive to a stressor in a long-lived seabird. <i>Functional Ecology</i> , 2010, 24, 1037-1044.	3.6	27
117	Decreased prolactin levels reduce parental commitment, egg temperatures, and breeding success of incubating male Adelie penguins. <i>Hormones and Behavior</i> , 2013, 64, 737-747.	2.1	27
118	Stress and parental care: Prolactin responses to acute stress throughout the breeding cycle in a long-lived bird. <i>General and Comparative Endocrinology</i> , 2010, 168, 8-13.	1.8	26
119	Biomonitoring of fluoroalkylated substances in Antarctica seabird plasma: Development and validation of a fast and rugged method using on-line concentration liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1513, 107-117.	3.7	26
120	Corticosterone Levels in Relation to Change of Mate in Black-Legged Kittiwakes. <i>Condor</i> , 2007, 109, 668-674.	1.6	24
121	Increased adrenal responsiveness and delayed hatching date in relation to polychlorinated biphenyl exposure in Arctic-breeding black-legged kittiwakes ( <i>Rissa tridactyla</i> ). <i>General and Comparative Endocrinology</i> , 2015, 219, 165-172.	1.8	24
122	North Atlantic winter cyclones starve seabirds. <i>Current Biology</i> , 2021, 31, 3964-3971.e3.	3.9	24
123	Metabolic adjustments in breeding female kittiwakes ( <i>Rissa tridactyla</i> ) include changes in kidney metabolic intensity. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 779-784.	1.5	23
124	Food restriction in young Japanese quails: effects on growth, metabolism, plasma thyroid hormones and mRNA species in the thyroid hormone signalling pathway. <i>Journal of Experimental Biology</i> , 2009, 212, 3060-3067.	1.7	23
125	Why do some adult birds skip breeding? A hormonal investigation in a long-lived bird. <i>Biology Letters</i> , 2011, 7, 790-792.	2.3	23
126	Multiple aspects of plasticity in clutch size vary among populations of a globally distributed songbird. <i>Journal of Animal Ecology</i> , 2014, 83, 876-887.	2.8	23



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127	Endocrine status of a migratory bird potentially exposed to the Deepwater Horizon oil spill: A case study of northern gannets breeding on Bonaventure Island, Eastern Canada. <i>Science of the Total Environment</i> , 2014, 473-474, 110-116.	8.0	23
128	Trophic ecology drives contaminant concentrations within a tropical seabird community. <i>Environmental Pollution</i> , 2017, 227, 183-193.	7.5	23
129	Corticosterone, inflammation, immune status and telomere length in frigatebird nestlings facing a severe herpesvirus infection. , 2017, 5, cow073.		23
130	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. <i>Science of the Total Environment</i> , 2022, 844, 156944.	8.0	23
131	Conflict over parental care in house sparrows: do females use a negotiation rule?. <i>Behavioral Ecology</i> , 2009, 20, 651-656.	2.2	22
132	Acute stress hypo-responsive period in nestling Thin-billed prions <i>Pachyptila belcheri</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 91-98.	1.6	22
133	Diving Ability of Blue Petrels and Thin-Billed Prions. <i>Condor</i> , 1996, 98, 627-629.	1.6	21
134	CORTICOSTERONE LEVELS IN RELATION TO CHANGE OF MATE IN BLACK-LEGGED KITTIWAKES. <i>Condor</i> , 2007, 109, 668.	1.6	21
135	Feather and faecal corticosterone concentrations predict future reproductive decisions in harlequin ducks ( <i>Histrionicus histrionicus</i> ). , 2016, 4, cow015.		21
136	Oxidative stress biomarkers are associated with visible clinical signs of a disease in frigatebird nestlings. <i>Scientific Reports</i> , 2017, 7, 1599.	3.3	21
137	Maximum diving depths of common diving petrels <i>Pelecanoides urinatrix</i> at Kerguelen Islands. <i>Polar Biology</i> , 1994, 14, 211.	1.2	20
138	Do glucocorticoids in droppings reflect baseline level in birds captured in the wild? A case study in snow geese. <i>General and Comparative Endocrinology</i> , 2011, 172, 440-445.	1.8	20
139	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.	2.5	20
140	Patterns of Prolactin Secretion in Relation to Incubation Failure in a Tropical Seabird, the Red-Footed Booby. <i>Condor</i> , 2002, 104, 873-876.	1.6	19
141	<i>Mhc</i> polymorphisms fail to explain the heritability of phytohaemagglutinin-induced skin swelling in a wild passerine. <i>Biology Letters</i> , 2009, 5, 784-787.	2.3	19
142	Experimentally delayed hatching triggers a magnified stress response in a long-lived bird. <i>Hormones and Behavior</i> , 2011, 59, 167-173.	2.1	19
143	Parent-offspring conflict during the transition to independence in a pelagic seabird. <i>Behavioral Ecology</i> , 2012, 23, 1102-1107.	2.2	19
144	Hormonal responses to non-mimetic eggs: is brood parasitism a physiological stressor during incubation?. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	19

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145	Perfluoroalkyl and Polyfluoroalkyl Substances Are Positively Associated with Thyroid Hormones in an Arctic Seabird. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 820-831.	4.3	19
146	Southern Fulmars Molt Their Primary Feathers while Incubating. <i>Condor</i> , 1998, 100, 563-566.	1.6	18
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