

# Michaël Beaulieu

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,554  
citations

331670

21  
h-index

361022

35  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Irreversible impact of early thermal conditions: an integrative study of developmental plasticity linked to mobility in a butterfly species. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	1
2	Species-specific effects of thermal stress on the expression of genetic variation across a diverse group of plant and animal taxa under experimental conditions. <i>Heredity</i> , 2021, 126, 23-37.	2.6	11
3	Limits on optimal decision making: host plant selection is not altered by high temperatures in a butterfly. <i>Animal Behaviour</i> , 2021, 174, 87-95.	1.9	0
4	Birds of different morphs use slightly different strategies to achieve similar reproductive performance following heatwave exposure. <i>Journal of Animal Ecology</i> , 2021, 90, 2594-2608.	2.8	4
5	Exploring the interplay between nest vocalizations and foraging behaviour in breeding birds. <i>Animal Behaviour</i> , 2021, 180, 375-391.	1.9	0
6	Antioxidant asymmetry and acclimation temperature independently reflect fight outcome in male crickets. <i>Animal Behaviour</i> , 2020, 167, 221-231.	1.9	1
7	Differential oxidative costs of locomotory and genital damage in an orb-weaving spider. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	1
8	Clinal variation in investment into reproduction versus maintenance suggests a "pace-of-life" syndrome in a widespread butterfly. <i>Oecologia</i> , 2020, 193, 1011-1020.	2.0	3
9	Timescale and colony-dependent relationships between environmental conditions and plasma oxidative markers in a long-lived bat species. , 2020, 8, coaa083.		1
10	Genotype-environment interactions rule the response of a widespread butterfly to temperature variation. <i>Journal of Evolutionary Biology</i> , 2020, 33, 920-929.	1.7	13
11	Latitudinal and altitudinal variation in ecologically important traits in a widespread butterfly. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 742-755.	1.6	11
12	A longitudinal molecular study of the ecology of malaria infections in free-ranging mandrills. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019, 10, 241-251.	1.5	3
13	Red does not always outperform black: morph-specific behavioural variation in response to environmental changes. <i>Animal Behaviour</i> , 2019, 148, 81-91.	1.9	4
14	Morph- and sex-specific effects of challenging conditions on maintenance parameters in the Gouldian finch. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	7
15	High male density favors maintenance over reproduction in a butterfly. <i>Behavioral Ecology</i> , 2018, 29, 1031-1037.	2.2	1
16	Reproductive performance and diving behaviour share a common sea-ice concentration optimum in Adelie penguins ( <i>Pygoscelis adeliae</i> ). <i>Global Change Biology</i> , 2018, 24, 5304-5317.	9.5	34
17	Extreme intra-clutch egg size dimorphism is not coupled with corresponding differences in antioxidant capacity and stable isotopes between eggs. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 205, 77-85.	1.8	1
18	Socially-induced variation in physiological mediators of parental care in a colonial bird. <i>Hormones and Behavior</i> , 2017, 93, 39-46.	2.1	3

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19	Looking for new emperor penguin colonies? Filling the gaps. <i>Global Ecology and Conservation</i> , 2017, 9, 171-179.	2.1	18
20	Mind the cell: Seasonal variation in telomere length mirrors changes in leucocyte profile. <i>Molecular Ecology</i> , 2017, 26, 5603-5613.	3.9	23
21	Feeding on ripening and over-ripening fruit: interactions between sugar, ethanol and polyphenol contents in a tropical butterfly. <i>Journal of Experimental Biology</i> , 2017, 220, 3127-3134.	1.7	13
22	A Bird in the House: The Challenge of Being Ecologically Relevant in Captivity. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	17
23	Reproducing butterflies do not increase intake of antioxidants when they could benefit from them. <i>Biology Letters</i> , 2016, 12, 20150941.	2.3	5
24	Oxidative stress and life histories: unresolved issues and current needs. <i>Ecology and Evolution</i> , 2015, 5, 5745-5757.	1.9	169
25	Reproduction alters oxidative status when it is traded-off against longevity. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1786-1796.	2.3	41
26	Relationships between isotopic values and oxidative status: insights from populations of gentoo penguins. <i>Oecologia</i> , 2015, 177, 1211-1220.	2.0	11
27	New insights into the huddling dynamics of emperor penguins. <i>Animal Behaviour</i> , 2015, 110, 91-98.	1.9	23
28	Behavioural antioxidant strategies to cope with high temperatures: a study in a tropical butterfly. <i>Animal Behaviour</i> , 2015, 109, 89-99.	1.9	13
29	Old male sex: large ejaculate, many sperm, but few offspring. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1543-1552.	1.4	8
30	Self-supplementation and effects of dietary antioxidants during acute thermal stress. <i>Journal of Experimental Biology</i> , 2014, 217, 370-5.	1.7	19
31	Comparison of optimal foraging versus life-history decisions during nestling care in <i>Lincoln's parrows</i> ( <i>Melospiza lincolni</i> ) through stable isotope analysis. <i>Ibis</i> , 2014, 156, 424-432.	1.9	6
32	The oxidative cost of unstable social dominance. <i>Journal of Experimental Biology</i> , 2014, 217, 2629-32.	1.7	54
33	Contrast influences female attraction to performance-based sexual signals in a songbird. <i>Biology Letters</i> , 2014, 10, 20140588.	2.3	12
34	Biomarkers of oxidative status: missing tools in conservation physiology. , 2014, 2, cou014-cou014.		94
35	The proper time for antioxidant consumption. <i>Physiology and Behavior</i> , 2014, 128, 54-59.	2.1	18
36	Rethinking the role of dietary antioxidants through the lens of self-medication. <i>Animal Behaviour</i> , 2013, 86, 17-24.	1.9	55

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37	The origin of traveling waves in an emperor penguin huddle. <i>New Journal of Physics</i> , 2013, 15, 125022.	2.9	30
38	The long engagement of the emperor penguin. <i>Polar Biology</i> , 2013, 36, 573-577.	1.2	5
39	The different breeding strategies of penguins: A review. <i>Comptes Rendus - Biologies</i> , 2013, 336, 1-12.	0.2	32
40	Integrating oxidative ecology into conservation physiology. , 2013, 1, cot004-cot004.		33
41	Estradiol-dependent modulation of serotonergic markers in auditory areas of a seasonally breeding songbird.. <i>Behavioral Neuroscience</i> , 2012, 126, 110-122.	1.2	39
42	Song in the cold is "hot": memory of and preference for sexual signals perceived under thermal challenge. <i>Biology Letters</i> , 2012, 8, 751-753.	2.3	13
43	One meadow for two sparrows: resource partitioning in a high elevation habitat. <i>Oecologia</i> , 2012, 170, 529-540.	2.0	23
44	Rapid Effects of Hearing Song on Catecholaminergic Activity in the Songbird Auditory Pathway. <i>PLoS ONE</i> , 2012, 7, e39388.	2.5	34
45	Exogenous corticosterone and nest abandonment: A study in a long-lived bird, the Adelie penguin. <i>Hormones and Behavior</i> , 2011, 60, 362-370.	2.1	56
46	Oxidative status and telomere length in a long-lived bird facing a costly reproductive event. <i>Functional Ecology</i> , 2011, 25, 577-585.	3.6	104
47	Exogenous corticosterone mimics a late fasting stage in captive Adelie penguins ( <i>Pygoscelis</i> ). <i>Overlook</i> 300, R1241-R1249.	1.8	18
48	Adverse effects of instrumentation in incubating Adelie penguins ( <i>Pygoscelis adeliae</i> ). <i>Polar Biology</i> , 2010, 33, 485-492.	1.2	25
49	Diving behaviour of chick-rearing Adelie Penguins at Edmonson Point, Ross Sea. <i>Polar Biology</i> , 2010, 33, 969-978.	1.2	5
50	Is abdominal implantation of devices a good alternative to external attachment? A comparative study in Adelie penguins. <i>Journal of Ornithology</i> , 2010, 151, 579-586.	1.1	7
51	When sea-ice clock is ahead of Adelie penguins' clock. <i>Functional Ecology</i> , 2010, 24, 93-102.	3.6	24
52	Foraging in an oxidative environment: relationship between $\delta^{13}C$ values and oxidative status in Adelie penguins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1087-1092.	2.6	54
53	Lack of leptin activity in blood samples of Adelie penguin and bar-tailed godwit. <i>Journal of Endocrinology</i> , 2010, 207, 113-122.	2.6	26
54	Should I stay or should I go? Hormonal control of nest abandonment in a long-lived bird, the Adelie penguin. <i>Hormones and Behavior</i> , 2010, 58, 762-768.	2.1	68

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55	Ecophysiological response of Ad�lie penguins facing an experimental increase in breeding constraints. <i>Journal of Experimental Biology</i> , 2010, 213, 33-39.	1.7	17
56	Dive efficiency versus depth in foraging emperor penguins. <i>Aquatic Biology</i> , 2010, 8, 269-277.	1.4	39
57	Sex-specific parental strategies according to the sex of offspring in the Ad�lie penguin. <i>Behavioral Ecology</i> , 2009, 20, 878-883.	2.2	16
58	Emperor penguin mates: keeping together in the crowd. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2163-2169.	2.6	15
59	Can a handicapped parent rely on its partner? An experimental study within Ad�lie penguin pairs. <i>Animal Behaviour</i> , 2009, 78, 313-320.	1.9	21
60	Alloparental feeding in Ad�lie penguins: why is it uncommon?. <i>Journal of Ornithology</i> , 2009, 150, 637-643.	1.1	8
61	Practical method of estimating fresh mass of Ad�lie penguin eggs. <i>Polar Biology</i> , 2009, 32, 1091-1093.	1.2	2
62	Diving into the world of biologging. <i>Endangered Species Research</i> , 2009, 10, 21-27.	2.4	68
63	Seeing the light: depth and time restrictions in the foraging capacity of emperor penguins at Pointe G�ologie, Antarctica. <i>Aquatic Biology</i> , 2008, 3, 217-226.	1.4	21
64	Foraging movements of emperor penguins at Pointe G�ologie, Antarctica. <i>Polar Biology</i> , 2007, 31, 229-243.	1.2	52