

# Oliver P Love

## List of Publications by Year in descending order

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89  
papers

3,389  
citations

159358

30  
h-index

161609

54  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress Hormones: A Link between Maternal Condition and Sex-Biased Reproductive Investment. <i>American Naturalist</i> , 2005, 166, 751-766.	1.0	283
2	The Adaptive Value of Stress-Induced Phenotypes: Effects of Maternally Derived Corticosterone on Sex-Biased Investment, Cost of Reproduction, and Maternal Fitness. <i>American Naturalist</i> , 2008, 172, E135-E149.	1.0	216
3	Mediation of a corticosterone-induced reproductive conflict. <i>Hormones and Behavior</i> , 2004, 46, 59-65.	1.0	188
4	Maternal adversity and ecological stressors in natural populations: the role of stress axis programming in individuals, with implications for populations and communities. <i>Functional Ecology</i> , 2013, 27, 81-92.	1.7	173
5	Plasticity in the adrenocortical response of a free-living vertebrate: The role of pre- and post-natal developmental stress. <i>Hormones and Behavior</i> , 2008, 54, 496-505.	1.0	164
6	Ten years tracking the migrations of small landbirds: Lessons learned in the golden age of bio-logging. <i>Auk</i> , 2018, 135, 834-856.	0.7	115
7	Juveniles exposed to embryonic corticosterone have enhanced flight performance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 499-505.	1.2	94
8	The Need for a Predictive, Context-Dependent Approach to the Application of Stress Hormones in Conservation. <i>Conservation Biology</i> , 2014, 28, 283-287.	2.4	89
9	Individual optimization of reproduction in a long-lived migratory bird: a test of the condition-dependent model of laying date and clutch size. <i>Functional Ecology</i> , 2011, 25, 671-681.	1.7	85
10	Glucocorticoid manipulations in free-living animals: considerations of dose delivery, life-history context and reproductive state. <i>Functional Ecology</i> , 2016, 30, 116-125.	1.7	79
11	Corticosterone levels during post-natal development in captive American kestrels ( <i>Falco sparverius</i> ). <i>General and Comparative Endocrinology</i> , 2003, 130, 135-141.	0.8	78
12	Brood size and environmental conditions sex-specifically affect nestling immune response in the European starling <i>Sturnus vulgaris</i> . <i>Journal of Avian Biology</i> , 2005, 36, 549-554.	0.6	78
13	Integrating Ecological and Evolutionary Context in the Study of Maternal Stress. <i>Integrative and Comparative Biology</i> , 2017, 57, 437-449.	0.9	77
14	Ecological insights from three decades of animal movement tracking across a changing Arctic. <i>Science</i> , 2020, 370, 712-715.	6.0	75
15	Pre-laying climatic cues can time reproduction to optimally match offspring hatching and ice conditions in an Arctic marine bird. <i>Oecologia</i> , 2010, 164, 277-286.	0.9	71
16	Plasma corticosterone in American kestrel siblings: effects of age, hatching order, and hatching asynchrony. <i>Hormones and Behavior</i> , 2003, 43, 480-488.	1.0	64
17	Effects of dietary PCB exposure on adrenocortical function in captive American kestrels ( <i>Falco</i> ) <i>Tj ETQq1 1 0.784314,rgBT /Overlock 10</i>	1.1	62
18	Sex-Specific Variability in the Immune System across Life-History Stages. <i>American Naturalist</i> , 2008, 172, E99-E112.	1.0	60

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19	Evidence for baseline glucocorticoids as mediators of reproductive investment in a wild bird. <i>General and Comparative Endocrinology</i> , 2014, 199, 65-69.	0.8	58
20	Revisiting the condition-dependence of melanin-based plumage. <i>Journal of Avian Biology</i> , 2014, 45, 29-33.	0.6	55
21	Feather corticosterone reveals effect of moulting conditions in the autumn on subsequent reproductive output and survival in an Arctic migratory bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142085.	1.2	54
22	The Circadian Clock Gene, <i>Bmal1</i> , Regulates Intestinal Stem Cell Signaling and Represses Tumor Initiation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1847-1872.e0.	2.3	43
23	Uncoupling Basal and Summit Metabolic Rates in White-Throated Sparrows: Digestive Demand Drives Maintenance Costs, but Changes in Muscle Mass Are Not Needed to Improve Thermogenic Capacity. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 153-165.	0.6	42
24	Repeated Restraint and Sampling Results in Reduced Corticosterone Levels in Developing and Adult Captive American Kestrels ( <i>Falco sparverius</i> ). <i>Physiological and Biochemical Zoology</i> , 2003, 76, 753-761.	0.6	40
25	Effectiveness of baseline corticosterone as a monitoring tool for fitness: a meta-analysis in seabirds. <i>Oecologia</i> , 2017, 183, 353-365.	0.9	40
26	Evaluating gonadosomatic index as an estimator of reproductive condition in the invasive round goby, <i>Neogobius melanostomus</i> . <i>Journal of Great Lakes Research</i> , 2014, 40, 164-171.	0.8	36
27	Mid-winter temperatures, not spring temperatures, predict breeding phenology in the European starling <i>&lt;i&gt;Sturnus vulgaris&lt;/i&gt;</i> . <i>Royal Society Open Science</i> , 2015, 2, 140301.	1.1	34
28	The Power of Physiology in Changing Landscapes: Considerations for the Continued Integration of Conservation and Physiology. <i>Integrative and Comparative Biology</i> , 2015, 55, 545-553.	0.9	33
29	Assessing baseline stress physiology as an integrator of environmental quality in a wild avian population: Implications for use as a conservation biomarker. <i>Biological Conservation</i> , 2015, 192, 409-417.	1.9	33
30	Manipulating rearing conditions reveals developmental sensitivity in the smaller sex of a passerine bird, the European starling <i>&lt;i&gt;Sturnus vulgaris&lt;/i&gt;</i> . <i>Journal of Avian Biology</i> , 2007, 38, 612-618.	0.6	32
31	Primary and secondary sexual characters in alternative reproductive tactics of Chinook salmon: Associations with androgens and the maturation-inducing steroid. <i>General and Comparative Endocrinology</i> , 2012, 175, 449-456.	0.8	32
32	Error management theory and the adaptive significance of transgenerational maternal stress effects on offspring phenotype. <i>Ecology and Evolution</i> , 2018, 8, 6473-6482.	0.8	32
33	Large-scale oceanographic fluctuations drive Antarctic petrel survival and reproduction. <i>Ecography</i> , 2016, 39, 496-505.	2.1	30
34	Pre-breeding energetic management in a mixed-strategy breeder. <i>Oecologia</i> , 2015, 177, 235-243.	0.9	29
35	Do baseline glucocorticoids simultaneously represent fitness and environmental quality in a declining aerial insectivore?. <i>Oikos</i> , 2016, 125, 1824-1837.	1.2	29
36	One hundred research questions in conservation physiology for generating actionable evidence to inform conservation policy and practice. , 2021, 9, coab009.		29

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37	Shifts in Metabolic Demands in Growing Altricial Nestlings Illustrate Context-Specific Relationships between Basal Metabolic Rate and Body Composition. <i>Physiological and Biochemical Zoology</i> , 2009, 82, 248-257.	0.6	28
38	Multiple achromatic plumage ornaments signal to multiple receivers. <i>Behavioral Ecology</i> , 2013, 24, 672-682.	1.0	28
39	Cold tolerance, and not earlier arrival on breeding grounds, explains why males winter further north in an Arctic breeding songbird. <i>Journal of Avian Biology</i> , 2016, 47, 7-15.	0.6	28
40	Chickadees Faced with Unpredictable Food Increase Fat Reserves but Certain Components of Their Immune Function Decline. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 190-200.	0.6	26
41	Baseline glucocorticoids are drivers of body mass gain in a diving seabird. <i>Ecology and Evolution</i> , 2016, 6, 1702-1711.	0.8	25
42	Energetic Physiology Mediates Individual Optimization of Breeding Phenology in a Migratory Arctic Seabird. <i>American Naturalist</i> , 2016, 188, 434-445.	1.0	25
43	DNA Methylation Profiles Suggest Intergenerational Transfer of Maternal Effects. <i>Molecular Biology and Evolution</i> , 2020, 37, 540-548.	3.5	25
44	Reframing conservation physiology to be more inclusive, integrative, relevant and forward-looking: reflections and a horizon scan. , 2020, 8, coaa016.		25
45	Avian cholera, post-hatching survival and selection on hatch characteristics in a long-lived bird, the common eider <i>Somateria mollissima</i> . <i>Journal of Avian Biology</i> , 2011, 42, 39-48.	0.6	23
46	Limited heat tolerance in a cold-adapted seabird: implications of a warming Arctic. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	21
47	Consequences of being phenotypically mismatched with the environment: rapid muscle ultrastructural changes in cold-shocked black-capped chickadees ( <i>Poecile atricapillus</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R274-R283.	0.9	20
48	An evaluation of feather corticosterone as a biomarker of fitness and an ecologically relevant stressor during breeding in the wild. <i>Oecologia</i> , 2017, 183, 987-996.	0.9	19
49	Stable isotopes can be used to infer the overwintering locations of prebreeding marine birds in the Canadian Arctic. <i>Ecology and Evolution</i> , 2017, 7, 8742-8752.	0.8	17
50	Linking pre-laying energy allocation and timing of breeding in a migratory arctic raptor. <i>Oecologia</i> , 2017, 183, 653-666.	0.9	16
51	Limited heat tolerance in an Arctic passerine: Thermoregulatory implications for cold-specialized birds in a rapidly warming world. <i>Ecology and Evolution</i> , 2021, 11, 1609-1619.	0.8	16
52	Sex differences in DHEA and estradiol during development in a wild songbird: Jugular versus brachial plasma. <i>Hormones and Behavior</i> , 2008, 54, 194-202.	1.0	15
53	Unpredictable perturbation reduces breeding propensity regardless of pre-laying reproductive readiness in a partial capital breeder. <i>Journal of Avian Biology</i> , 2016, 47, 880-886.	0.6	15
54	Flexible response to short-term weather in a cold-adapted songbird. <i>Journal of Avian Biology</i> , 2019, 50, .	0.6	15

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55	Condition-dependent auditory processing in the round goby ( <i>Neogobius melanostomus</i> ): links to sex, reproductive condition, and female estrogen levels.. Journal of Experimental Biology, 2013, 216, 1075-84.	0.8	14
56	Alula size signals male condition and predicts reproductive performance in an Arctic breeding passerine. Journal of Avian Biology, 2013, 44, 209-215.	0.6	13
57	Drought at a coastal wetland affects refuelling and migration strategies of shorebirds. Oecologia, 2021, 197, 661-674.	0.9	13
58	The Oxidative Cost of Acoustic Signals: Examining Steroid Versus Aerobic Activity Hypotheses in a Wild Bird. Ethology, 2015, 121, 1081-1090.	0.5	12
59	Wintering Snow Buntings Elevate Cold Hardiness to Extreme Levels but Show No Changes in Maintenance Costs. Physiological and Biochemical Zoology, 2020, 93, 417-433.	0.6	12
60	Habitat loss on the breeding grounds is a major contributor to population declines in a long-distance migratory songbird. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20203164.	1.2	12
61	Polar bears are inefficient predators of seabird eggs. Royal Society Open Science, 2021, 8, 210391.	1.1	12
62	Effects of artificial light at night on fishes: A synthesis with future research priorities. Fish and Fisheries, 2022, 23, 631-647.	2.7	12
63	Prenatal Stress Exposure Generates Higher Early Survival and Smaller Size without Impacting Developmental Rate in a Pacific Salmon. Journal of Experimental Zoology, 2016, 325, 641-650.	1.2	11
64	Domestic-wild hybridization to improve aquaculture performance in Chinook salmon. Aquaculture, 2019, 511, 734255.	1.7	11
65	Foraging tactics in dynamic sea-ice habitats affect individual state in a long-ranging seabird. Functional Ecology, 2020, 34, 1839-1856.	1.7	11
66	Multigenerational outbreeding effects in Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ). Genetica, 2014, 142, 281-293.	0.5	10
67	Exposure to exogenous egg cortisol does not rescue juvenile Chinook salmon body size, condition, or survival from the effects of elevated water temperatures. Ecology and Evolution, 2020, 10, 2466-2477.	0.8	10
68	Sources of diel variation in energetic physiology in an Arctic-breeding, diving seaduck. General and Comparative Endocrinology, 2015, 216, 39-45.	0.8	9
69	Costs of reproduction and carry-over effects in breeding albatrosses. Antarctic Science, 2017, 29, 155-164.	0.5	9
70	Higher rates of prebreeding condition gain positively impacts clutch size: A mechanistic test of the condition-dependent individual optimization model. Functional Ecology, 2018, 32, 2019-2028.	1.7	9
71	Tracking Landscape-Scale Movements of Snow Buntings and Weather-Driven Changes in Flock Composition During the Temperate Winter. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	9
72	Phenotypic integration of behavioural and physiological traits is related to variation in growth among stocks of Chinook salmon. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 2271-2279.	0.7	8

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73	Variation in Plasma Corticosterone in Migratory Songbirds: A Test of the Migration-Modulation Hypothesis. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 695-703.	0.6	6
74	Behavioural and morphological changes in fish exposed to ecologically relevant boat noises. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1845-1853.	0.7	6
75	Baseline corticosterone does not reflect iridescent plumage traits in female tree swallows. <i>General and Comparative Endocrinology</i> , 2019, 270, 123-130.	0.8	6
76	Researcher perspectives on challenges and opportunities in conservation physiology revealed from an online survey. , 2021, 9, coab030.		6
77	Snow buntings preparing for migration increase muscle fiber size and myonuclear domain in parallel with a major gain in fat mass. <i>Journal of Avian Biology</i> , 2021, 52, .	0.6	6
78	Coping with the worst of both worlds: Phenotypic adjustments for cold acclimatization benefit northward migration and arrival in the cold in an Arctic breeding songbird. <i>Functional Ecology</i> , 2021, 35, 1240-1254.	1.7	6
79	Snow Buntings Maintain Winter-Level Cold Endurance While Migrating to the High Arctic. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	6
80	A call for more physiology at conservation conferences. <i>Biodiversity and Conservation</i> , 2017, 26, 2507-2515.	1.2	5
81	Environmental and life-history factors influence inter-colony multidimensional niche metrics of a breeding Arctic marine bird. <i>Science of the Total Environment</i> , 2021, 796, 148935.	3.9	4
82	Exposure to cumulative stressors affects the laying phenology and incubation behaviour of an Arctic-breeding marine bird. <i>Science of the Total Environment</i> , 2022, 807, 150882.	3.9	4
83	The utility of drones for studying polar bear behaviour in the Canadian Arctic: opportunities and recommendations. <i>Journal of Unmanned Vehicle Systems</i> , 2022, 10, 97-110.	0.6	4
84	Plasma mammalian leptin analogue predicts reproductive phenology, but not reproductive output in a capital income breeding seaduck. <i>Ecology and Evolution</i> , 2019, 9, 1512-1522.	0.8	3
85	Mimicking Transgenerational Signals of Future Stress: Thermal Tolerance of Juvenile Chinook Salmon Is More Sensitive to Elevated Rearing Temperature Than Exogenously Increased Egg Cortisol. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	3
86	Favorable spring conditions can buffer the impact of winter carryover effects on a key breeding decision in an Arctic breeding seabird. <i>Ecology and Evolution</i> , 2022, 12, e8588.	0.8	3
87	Herd immunity drives the epidemic fadeout of avian cholera in Arctic-nesting seabirds. <i>Scientific Reports</i> , 2021, 11, 1046.	1.6	2
88	Snow buntings sing individually distinctive songs and show inter-annual variation in song structure. <i>Wilson Journal of Ornithology</i> , 2014, 126, 333-338.	0.1	1
89	Stable isotopes of carbon reveal flexible pairing strategies in a migratory Arctic bird. <i>Journal of Ornithology</i> , 2019, 160, 607-616.	0.5	1