

Oxidative damage, ageing, and life-history evolution: w

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Citation Report

#	ARTICLE	IF	CITATIONS
1	OXIDATIVE DAMAGE INCREASES WITH REPRODUCTIVE ENERGY EXPENDITURE AND IS REDUCED BY FOOD-SUPPLEMENTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 67, no-no.	1.1	78
2	Sex-Related Effects of Reproduction on Biomarkers of Oxidative Damage in Free-living Barn Swallows (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2012, 7, e48955.	1.1	20
3	High saturated fat and low carbohydrate diet decreases lifespan independent of body weight in mice. <i>Longevity & Healthspan</i> , 2013, 2, 10.	6.7	12
4	The effects of partial mortality on the fecundity of three common Caribbean corals. <i>Marine Biology</i> , 2013, 160, 2561-2565.	0.7	15
5	Deleterious consequences of antioxidant supplementation on lifespan in a wild-derived mammal. <i>Biology Letters</i> , 2013, 9, 20130432.	1.0	48
6	The oxidative costs of territory quality and offspring provisioning. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2558-2565.	0.8	23
7	Circulating carotenoid levels are negatively associated with previous reproductive success in Florida Scrub-Jays (<i>Aphelocoma coerulescens</i>). <i>Canadian Journal of Zoology</i> , 2013, 91, 64-70.	0.4	1
8	Testing the predictions of energy allocation decisions in the evolution of life-history trade-offs. <i>Functional Ecology</i> , 2013, 27, 1382-1391.	1.7	41
9	Does reproduction cause oxidative stress? An open question. <i>Trends in Ecology and Evolution</i> , 2013, 28, 347-350.	4.2	158
10	Diet, development and the optimization of warning signals in post-metamorphic green and black poison frogs. <i>Functional Ecology</i> , 2013, 27, 816-829.	1.7	14
11	On the methodological limitations of detecting oxidative stress: effects of paraquat on measures of oxidative status in greenfinches. <i>Journal of Experimental Biology</i> , 2013, 216, 2713-21.	0.8	33
12	Fecal cortisol levels predict breeding but not survival of females in the short-lived rodent, <i>Octodon degus</i> . <i>General and Comparative Endocrinology</i> , 2013, 186, 164-171.	0.8	41
13	Effects of reproduction on immuno-suppression and oxidative damage, and hence support or otherwise for their roles as mechanisms underpinning life history trade-offs, are tissue and assay dependent. <i>Journal of Experimental Biology</i> , 2013, 216, 4242-50.	0.8	67
14	The evolution of predictive adaptive responses in human life history. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131343.	1.2	240
15	Aging and muscle. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 21-26.	1.3	129
16	Manipulating reproductive effort leads to changes in female reproductive scheduling but not oxidative stress. <i>Ecology and Evolution</i> , 2013, 3, 4161-4171.	0.8	21
17	Atypical aging in down syndrome. <i>Developmental Disabilities Research Reviews</i> , 2013, 18, 51-67.	2.9	202
18	Limits to sustained energy intake. XV. Effects of wheel running on the energy budget during lactation. <i>Journal of Experimental Biology</i> , 2013, 216, 2316-2327.	0.8	36

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19	Physiological adaptations to reproduction I. Experimentally increasing litter size enhances aspects of antioxidant defence but does not cause oxidative damage in mice. <i>Journal of Experimental Biology</i> , 2013, 216, 2879-88.	0.8	47
20	Hyperoxygenation Attenuated a Murine Model of Atopic Dermatitis through Raising Skin Level of ROS. <i>PLoS ONE</i> , 2014, 9, e109297.	1.1	14
21	Cellular Metabolic Rate Is Influenced by Life-History Traits in Tropical and Temperate Birds. <i>PLoS ONE</i> , 2014, 9, e87349.	1.1	28
22	Chronic Predation Risk Reduces Escape Speed by Increasing Oxidative Damage: A Deadly Cost of an Adaptive Antipredator Response. <i>PLoS ONE</i> , 2014, 9, e101273.	1.1	39
23	Reproduction Is Associated with a Tissue-Dependent Reduction of Oxidative Stress in Eusocial Female Damaraland Mole-Rats (<i>Fukomys damarensis</i>). <i>PLoS ONE</i> , 2014, 9, e103286.	1.1	41
24	Increased brood size leads to persistent eroded telomeres. <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	1.1	62
25	Dietary restriction and the pursuit of effective mimetics. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 260-270.	0.4	35
26	Multivariate intralocus sexual conflict in seed beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3457-3469.	1.1	65
27	Assessment of oxidative stress in serum by d-ROMs test. <i>Free Radical Research</i> , 2014, 48, 883-889.	1.5	53
28	Oxidative stress as a cost of reproduction: Beyond the simplistic trade-off model. <i>BioEssays</i> , 2014, 36, 93-106.	1.2	178
29	Quantifying long-term stress in brown bears with the hair cortisol concentration: a biomarker that may be confounded by rapid changes in response to capture and handling. , 2014, 2, cou026-cou026.		69
30	Soybean concentrated extract counteracts oxidative stress in the uterus of rats. <i>Climacteric</i> , 2014, 17, 402-409.	1.1	7
31	Oxidative stress in response to natural and experimentally elevated reproductive effort is tissue dependent. <i>Functional Ecology</i> , 2014, 28, 402-410.	1.7	51
32	Senescence in cell oxidative status in two bird species with contrasting life expectancy. <i>Oecologia</i> , 2014, 174, 1097-1105.	0.9	29
33	Life-prolonging measures for a dead theory?. <i>Age</i> , 2014, 36, 533-534.	3.0	2
34	Blood cell telomere lengths and shortening rates of chimpanzee and human females. <i>American Journal of Human Biology</i> , 2014, 26, 452-460.	0.8	22
35	Physiological underpinnings associated with differences in pace of life and metabolic rate in north temperate and neotropical birds. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 545-561.	0.7	39
36	Adaptive phylogeography: functional divergence between haemoglobins derived from different glacial refugia in the bank vole. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140021.	1.2	28

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37	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.	1.3	69
38	Chronic mitochondrial uncoupling treatment prevents acute cold-induced oxidative stress in birds. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 1021-1029.	0.7	44
39	Differences in Muscle Fiber Size and Associated Energetic Costs in Phylogenetically Paired Tropical and Temperate Birds. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 752-761.	0.6	13
40	Inbreeding-related trade-offs in stress resistance in the ant <i>Formica exsecta</i> . <i>Biology Letters</i> , 2014, 10, 20140805.	1.0	7
41	Plumage ornaments and reproductive investment in relation to oxidative status in the Iberian Pied Flycatcher (<i>Ficedula hypoleuca iberiae</i>). <i>Canadian Journal of Zoology</i> , 2014, 92, 1019-1027.	0.4	18
42	Population Biology of Aging in the Wild. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 421-443.	3.8	49
43	New covalent modifications of phosphatidylethanolamine by alkanals: mass spectrometry based structural characterization and biological effects. <i>Journal of Mass Spectrometry</i> , 2014, 49, 557-569.	0.7	17
44	Influence of reproductive condition of the Manila clam <i>Ruditapes philippinarum</i> on hemocyte parameters during early post-spawning period. <i>Aquaculture</i> , 2014, 434, 241-248.	1.7	22
45	How and why oxidative stress shapes life's diversity. <i>Trends in Ecology and Evolution</i> , 2014, 29, 487-488.	4.2	1
46	Endogenous ROS levels in <i>C. elegans</i> under exogenous stress support revision of oxidative stress theory of life-history tradeoffs. <i>BMC Evolutionary Biology</i> , 2014, 14, 161.	3.2	23
47	Lifespan Modulation in Mice and the Confounding Effects of Genetic Background. <i>Journal of Genetics and Genomics</i> , 2014, 41, 497-503.	1.7	34
48	Frugivory is associated with low measures of plasma oxidative stress and high antioxidant concentration in free-ranging bats. <i>Die Naturwissenschaften</i> , 2014, 101, 285-290.	0.6	30
49	Age-dependent effects of carotenoids on sexual ornaments and reproductive performance of a long-lived seabird. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 115-126.	0.6	24
50	A new way in nanosensors: Gold nanorods for sensing of Fe(III) ions in aqueous media. <i>Microchemical Journal</i> , 2014, 113, 77-82.	2.3	50
51	Linkages between Mitochondrial Lipids and Life History in Temperate and Tropical Birds. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 265-275.	0.6	13
52	Litter size manipulation in laboratory mice: an example of how proteomic analysis can uncover new mechanisms underlying the cost of reproduction. <i>Frontiers in Zoology</i> , 2014, 11, 41.	0.9	18
53	The proper time for antioxidant consumption. <i>Physiology and Behavior</i> , 2014, 128, 54-59.	1.0	18
54	Stress hormones in relation to breeding status and territory location in colonial king penguin: a role for social density?. <i>Oecologia</i> , 2014, 175, 763-772.	0.9	24

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55	Metabolic Scaling in Complex Living Systems. <i>Systems</i> , 2014, 2, 451-540.	1.2	140
56	Oxidative stress and life histories: unresolved issues and current needs. <i>Ecology and Evolution</i> , 2015, 5, 5745-5757.	0.8	169
57	Plasma markers of oxidative stress are uncorrelated in a wild mammal. <i>Ecology and Evolution</i> , 2015, 5, 5096-5108.	0.8	22
58	The (Mostly) Good, the (Few) Bad, and the (Couple of) Ugly Chapters in <i>Sturkie's Avian Physiology</i> . Edited by Colin G. Scanes. Waltham, MA: Academic Press, 2014. ISBN 978-0-124-07160-5. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 685-689.	0.6	0
59	The oxidative costs of reproduction are group-size dependent in a wild cooperative breeder. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152031.	1.2	26
60	Ageing and Caloric Restriction in a Marine Planktonic Copepod. <i>Scientific Reports</i> , 2015, 5, 14962.	1.6	25
61	Ants medicate to fight disease. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2979-2984.	1.1	36
62	Resting and daily energy expenditures during reproduction are adjusted in opposite directions in free-living birds. <i>Functional Ecology</i> , 2015, 29, 250-258.	1.7	48
63	Revisiting the link between breeding effort and oxidative balance through field evaluation of two sympatric sibling insect species. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 815-822.	1.1	10
64	Constraints on adaptation of <i>Escherichia coli</i> to mixed-resource environments increase over time. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2067-2078.	1.1	44
65	Live Fast, Die Young: Experimental Evidence of Population Extinction Risk due to Climate Change. <i>PLoS Biology</i> , 2015, 13, e1002281.	2.6	119
66	Oxidative Damage Does Not Occur in Striped Hamsters Raising Natural and Experimentally Increased Litter Size. <i>PLoS ONE</i> , 2015, 10, e0141604.	1.1	6
67	The metabolic rate of cultured muscle cells from hybrid Coturnix quail is intermediate to that of muscle cells from fast-growing and slow-growing Coturnix quail. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015, 185, 547-557.	0.7	3
68	Physiological responses to increased brood size and ectoparasite infestation: Adult great tits favour self-maintenance. <i>Physiology and Behavior</i> , 2015, 141, 127-134.	1.0	25
69	Oxidative stress, activity behaviour and body mass in captive parrots. , 2015, 3, cov045.		12
70	Interactive effects of early and later nutritional conditions on the adult antioxidant defence system in zebra finches. <i>Journal of Experimental Biology</i> , 2015, 218, 2211-7.	0.8	20
71	Temperature experienced during incubation affects antioxidant capacity but not oxidative damage in hatchling red-eared slider turtles (<i>Trachemys scripta elegans</i>). <i>Journal of Experimental Biology</i> , 2015, 219, 561-70.	0.8	9
72	Sex- and melanic-specific variations in the oxidative status of adult tawny owls in response to manipulated reproductive effort. <i>Journal of Experimental Biology</i> , 2015, 219, 73-9.	0.8	12

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73	Daily energy expenditure during lactation is strongly selected in a free-living mammal. <i>Functional Ecology</i> , 2015, 29, 195-208.	1.7	14
74	Oxidative status and social dominance in a wild cooperative breeder. <i>Functional Ecology</i> , 2015, 29, 229-238.	1.7	42
75	Both sexes pay a cost of reproduction in a frog with biparental care. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 211-218.	0.7	18
76	Reduced resistance to oxidative stress during reproduction as a cost of early-life stress. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 183, 9-13.	0.8	13
77	Male quality, dominance rank, and mating success in free-ranging rhesus macaques. <i>Behavioral Ecology</i> , 2015, 26, 763-772.	1.0	42
78	Repeated stressors in adulthood increase the rate of biological ageing. <i>Frontiers in Zoology</i> , 2015, 12, 4.	0.9	63
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80	Early-late life trade-offs and the evolution of ageing in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150209.	1.2	280
81	Oxidative stress as an indicator of the costs of reproduction among free-ranging rhesus macaques. <i>Journal of Experimental Biology</i> , 2015, 218, 1981-5.	0.8	24
82	Multifactorial processes to slowing the biological clock: Insights from a comparative approach. <i>Experimental Gerontology</i> , 2015, 71, 27-37.	1.2	10
83	Circadian desynchronization triggers premature cellular aging in a diurnal rodent. <i>FASEB Journal</i> , 2015, 29, 4794-4803.	0.2	39
84	Effect of temperature on oxidative stress, antioxidant levels and uncoupling protein expression in striped hamsters. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 189, 84-90.	0.8	25
85	Omega-3 and -6 fatty acids allocate somatic and germline lipids to ensure fitness during nutrient and oxidative stress in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15378-15383.	3.3	73
86	Telomeres shorten more slowly in slow-aging wild animals than in fast-aging ones. <i>Experimental Gerontology</i> , 2015, 71, 38-47.	1.2	82
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88	Is metabolic rate a universal "pacemaker" for biological processes?. <i>Biological Reviews</i> , 2015, 90, 377-407.	4.7	249
89	The known and unknown sources of reactive oxygen and nitrogen species in haemocytes of marine bivalve molluscs. <i>Fish and Shellfish Immunology</i> , 2015, 42, 91-97.	1.6	56
90	Honest Signaling and Oxidative Stress: The Special Case of Avian Acoustic Communication. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	11

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91	Evidence of Oxidative Shielding of Offspring in a Wild Mammal. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	27
92	Rapid evolution of antioxidant defence in a natural population of <i>Daphnia magna</i> . <i>Journal of Evolutionary Biology</i> , 2016, 29, 1328-1337.	0.8	13
93	Evolutionary ecology of aging: time to reconcile field and laboratory research. <i>Ecology and Evolution</i> , 2016, 6, 2988-3000.	0.8	20
94	Mutually honest? Physiological "qualities" signalled by colour ornaments in monomorphic king penguins. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 200-214.	0.7	22
95	The role of the antioxidant system during intense endurance exercise: lessons from migrating birds. <i>Journal of Experimental Biology</i> , 2016, 219, 3684-3695.	0.8	59
96	Marker-dependent associations among oxidative stress, growth and survival during early life in a wild mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161407.	1.2	20
97	Nutrition, Epigenetics and Health: Evolutionary Perspectives. , 2016, , 177-199.		1
98	Physiological underpinnings in life-history trade-offs in man's most popular selection experiment: the dog. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 813-827.	0.7	47
99	All or nothing: Survival, reproduction and oxidative balance in Spotted Wing Drosophila (<i>Drosophila</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	32
100	Food restriction attenuates oxidative stress in brown adipose tissue of striped hamsters acclimated to a warm temperature. <i>Journal of Thermal Biology</i> , 2016, 58, 72-79.	1.1	10
101	A critical look at proximate causes of social insect senescence: damage accumulation or hyperfunction?. <i>Current Opinion in Insect Science</i> , 2016, 16, 69-75.	2.2	26
102	The oxidative debt of fasting: evidence for short to medium-term costs of advanced fasting in adult king penguins. <i>Journal of Experimental Biology</i> , 2016, 219, 3284-3293.	0.8	21
103	Variation in the Markers of Nutritional and Oxidative State in a Long-Lived Seabird: Associations with Age and Longevity. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 417-440.	0.6	13
104	Prenatal acoustic communication programs offspring for high posthatching temperatures in a songbird. <i>Science</i> , 2016, 353, 812-814.	6.0	118
105	Integration of omic networks in a developmental atlas of maize. <i>Science</i> , 2016, 353, 814-818.	6.0	411
106	Oxidative costs of reproduction in mouse strains selected for different levels of food intake and which differ in reproductive performance. <i>Scientific Reports</i> , 2016, 6, 36353.	1.6	16
107	Blood miRNomes and transcriptomes reveal novel longevity mechanisms in the long-lived bat, <i>Myotis myotis</i> . <i>BMC Genomics</i> , 2016, 17, 906.	1.2	47
108	High-resolution kinetics and modeling of hydrogen peroxide degradation in live cells. <i>Free Radical Biology and Medicine</i> , 2016, 101, 143-153.	1.3	13

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109	Current versus future reproduction and longevity: a re-evaluation of predictions and mechanisms. <i>Journal of Experimental Biology</i> , 2016, 219, 3177-3189.	0.8	54
110	Age, oxidative stress exposure and fitness in a long-lived seabird. <i>Functional Ecology</i> , 2016, 30, 913-921.	1.7	36
111	Commercializing chemical warfare: citrus, cyanide, and an endless war. <i>Agriculture and Human Values</i> , 2016, 33, 3-26.	1.7	12
112	Oxidative costs of reproduction: Oxidative stress in mice fed standard and low antioxidant diets. <i>Physiology and Behavior</i> , 2016, 154, 1-7.	1.0	12
113	Oxidative shielding and the cost of reproduction. <i>Biological Reviews</i> , 2016, 91, 483-497.	4.7	143
114	Reproductive effort and oxidative stress: effects of offspring sex and number on the physiological state of a long-lived bird. <i>Functional Ecology</i> , 2017, 31, 1201-1209.	1.7	18
115	Using the MitoB method to assess levels of reactive oxygen species in ecological studies of oxidative stress. <i>Scientific Reports</i> , 2017, 7, 41228.	1.6	18
116	Digest: On the independence of aging pathologies*. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 808-809.	1.1	0
117	Oxidative status and fitness components in the Seychelles warbler. <i>Functional Ecology</i> , 2017, 31, 1210-1219.	1.7	15
118	Chlorpyrifos-induced oxidative damage is reduced under warming and predation risk: Explaining antagonistic interactions with a pesticide. <i>Environmental Pollution</i> , 2017, 226, 79-88.	3.7	41
119	Senescence in Mammalian Life History Traits. , 2017, , 126-155.		20
120	Environmental conditions can modulate the links among oxidative stress, age, and longevity. <i>Mechanisms of Ageing and Development</i> , 2017, 164, 100-107.	2.2	34
121	Redox changes in the brains of reproductive female rats during aging. <i>Experimental Gerontology</i> , 2017, 87, 8-15.	1.2	3
122	State transitions: a major mortality risk for seasonal species. <i>Ecology Letters</i> , 2017, 20, 883-891.	3.0	11
123	Reproductive senescence: new perspectives in the wild. <i>Biological Reviews</i> , 2017, 92, 2182-2199.	4.7	145
124	Age-related changes of physiological performance and survivorship of bank voles selected for high aerobic capacity. <i>Experimental Gerontology</i> , 2017, 98, 70-79.	1.2	13
125	Age, sex, mating status, but not social isolation interact to shape basal immunity in a group-living insect. <i>Journal of Insect Physiology</i> , 2017, 103, 64-70.	0.9	6
126	Morphological, physiological and dietary covariation in migratory and resident adult brown trout (<i>Salmo trutta</i>) Tj ETQq1 1 0.784314 rgBT ₆ /Overlook	0.6	

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127	Oxidative stress and partial migration in brown trout (<i>Salmo trutta</i>). Canadian Journal of Zoology, 2017, 95, 829-835.	0.4	13
128	The pace of life: A sex-specific link between metabolic rate and life history in bean beetles. Functional Ecology, 2017, 31, 2299-2309.	1.7	24
129	The Physiology of Exercise in Free-Living Vertebrates: What Can We Learn from Current Model Systems?. Integrative and Comparative Biology, 2017, 57, 195-206.	0.9	19
130	Coping with Salt Water Habitats: Metabolic and Oxidative Responses to Salt Intake in the Rufous-Collared Sparrow. Frontiers in Physiology, 2017, 8, 654.	1.3	14
131	Co-existence of multiple trade-off currencies shapes evolutionary outcomes. PLoS ONE, 2017, 12, e0189124.	1.1	23
132	DNA methylation levels in candidate genes associated with chronological age in mammals are not conserved in a long-lived seabird. PLoS ONE, 2017, 12, e0189181.	1.1	7
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134	A role for nutritional intervention in addressing the aging neuromuscular junction. Nutrition Research, 2018, 53, 1-14.	1.3	13
135	The role of telomeres in the mechanisms and evolution of life-history trade-offs and ageing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160452.	1.8	148
136	Oxidative physiology of reproduction in a passerine bird: a field experiment. Behavioral Ecology and Sociobiology, 2018, 72, 1.	0.6	18
137	Mitochondria, Temperature, and the Pace of Life. Integrative and Comparative Biology, 2018, 58, 578-590.	0.9	22
138	Decreased mitochondrial metabolic requirements in fasting animals carry an oxidative cost. Functional Ecology, 2018, 32, 2149-2157.	1.7	60
139	Canalisation in the wild: effects of developmental conditions on physiological traits are inversely linked to their association with fitness. Ecology Letters, 2018, 21, 857-864.	3.0	34
140	Thermal acclimation of fast-growing Japanese Quails (<i>Coturnix japonica</i>) exhibit decreased oxidative stress and increased muscle fiber diameters after acute heat challenges. Canadian Journal of Zoology, 2018, 96, 1097-1105.	0.4	8
141	Sexual activity affects the redox profile along the aging process in male rats. Biogerontology, 2018, 19, 13-21.	2.0	2
142	Maternal oxidative stress and reproduction: Testing the constraint, cost and shielding hypotheses in a wild mammal. Functional Ecology, 2018, 32, 722-735.	1.7	17
143	Early swelling response to phytohemagglutinin is lower in older toads. PeerJ, 2018, 6, e6104.	0.9	2
144	Long-lived birds suffer less from oxidative stress. Avian Research, 2018, 9, .	0.5	10

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146	Prey productivity and predictability drive different axes of life-history variation in carnivorous marsupials. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181291.	1.2	9
147	Females pay the oxidative cost of dominance in a highly social bird. <i>Animal Behaviour</i> , 2018, 144, 135-146.	0.8	21
148	Oxidative damage and antioxidant defense are assay and tissue-dependent both in captive and wild-caught bank voles (<i>Myodes glareolus</i>) before and after reproduction. <i>Ecology and Evolution</i> , 2018, 8, 7543-7552.	0.8	4
149	Cellular metabolic rates and oxidative stress profiles in primary fibroblast cells isolated from virgin females, reproductively experienced females, and male Sprague-Dawley rats. <i>Physiological Reports</i> , 2018, 6, e13909.	0.7	4
150	Increased reproductive investment associated with greater survival and longevity in Cassin's auklets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181464.	1.2	11
151	Effects of winter food provisioning on the phenotypes of breeding blue tits. <i>Ecology and Evolution</i> , 2018, 8, 5059-5068.	0.8	10
152	The Comparative Biology of Mitochondrial Function and the Rate of Aging. <i>Integrative and Comparative Biology</i> , 2018, 58, 559-566.	0.9	15
153	Cellular metabolism and oxidative stress as a possible determinant for longevity in small breed and large breed dogs. <i>PLoS ONE</i> , 2018, 13, e0195832.	1.1	35
154	Oxidative stress in wild European rabbits naturally infected with myxoma virus and rabbit haemorrhagic disease virus. <i>European Journal of Wildlife Research</i> , 2018, 64, 1.	0.7	2
155	Neural and musculotendinous mechanisms underpinning age-related force reductions. <i>Mechanisms of Ageing and Development</i> , 2018, 175, 17-23.	2.2	25
156	Life History Trade-offs within the Context of Mitochondrial Hormesis. <i>Integrative and Comparative Biology</i> , 2018, 58, 567-577.	0.9	35
157	The Mitochondrial Contribution to Animal Performance, Adaptation, and Life-History Variation. <i>Integrative and Comparative Biology</i> , 2018, 58, 480-485.	0.9	39
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