Jonathan D Blount

List of Publications by Year
in descending order

100 papers	6,644 citations	87888 38 h-index	64796 79 g-index
103 all docs	103 docs citations	103 times ranked	6041 citing authors

#	Article	IF	Citations
1	Untangling the oxidative cost of reproduction: An analysis in wild banded mongooses. Ecology and Evolution, 2022, 12, e8644.	1.9	4
2	Methodological confounds of measuring urinary oxidative stress in wild animals. Ecology and Evolution, 2022, 12, .	1.9	5
3	Oxidative stress in response to heat stress in wild caught Namaqua rock mice, Micaelamys namaquensis. Journal of Thermal Biology, 2021, 98, 102958.	2.5	5
4	Phthalate diversity in eggs and associations with oxidative stress in the European herring gull (Larus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	5
5	Selection on age of female reproduction in the marula fruit fly, Ceratitis cosyra (Walker) (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 2020, 125, 104084.	2.0	4
6	Consistent measures of oxidative balance predict survival but not reproduction in a longâ€distance migrant. Journal of Animal Ecology, 2020, 89, 1872-1882.	2.8	7
7	Heat and dehydration induced oxidative damage and antioxidant defenses following incubator heat stress and a simulated heat wave in wild caught four-striped field mice Rhabdomys dilectus. PLoS ONE, 2020, 15, e0242279.	2.5	21
8	Title is missing!. , 2020, 15, e0242279.		0
9	Title is missing!. , 2020, 15, e0242279.		0
10	Title is missing!. , 2020, 15, e0242279.		0
11	Title is missing!. , 2020, 15, e0242279.		0
12	Title is missing!. , 2020, 15, e0242279.		0
13	Title is missing!. , 2020, 15, e0242279.		0
14	Measures of oxidative state are primarily driven by extrinsic factors in a long-distance migrant. Biology Letters, 2019, 15, 20180750.	2.3	4
15	No evidence of quantitative signal honesty across species of aposematic burnet moths (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	10
16	Effects of an earlyâ€life paraquat exposure on adult resistance to oxidative stress, plumage colour and sperm performance in a wild bird. Journal of Animal Ecology, 2018, 87, 1137-1148.	2.8	7
17	Telomere dynamics in wild banded mongooses: Evaluating longitudinal and quasi-longitudinal markers of senescence. Experimental Gerontology, 2018, 107, 67-73.	2.8	6
18	Effects of supplementary feeding on interspecific dominance hierarchies in garden birds. PLoS ONE, 2018, 13, e0202152.	2.5	28

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19	Parental phenotype not predator cues influence egg warning coloration and defence levels. Animal Behaviour, 2018, 140, 177-186.	1.9	7
20	Sex differences but no evidence of quantitative honesty in the warning signals of six-spot burnet moths (Zygaena filipendulae L.)*. Evolution; International Journal of Organic Evolution, 2018, 72, 1460-1474.	2.3	8
21	Effects of winter food provisioning on the phenotypes of breeding blue tits. Ecology and Evolution, 2018, 8, 5059-5068.	1.9	10
22	Invasive Egg Predators and Food Availability Interactively Affect Maternal Investment in Egg Chemical Defense. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	3
23	Evidence of Oxidative Shielding of Offspring in a Wild Mammal. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	27
24	Marker-dependent associations among oxidative stress, growth and survival during early life in a wild mammal. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161407.	2.6	20
25	Oxidative shielding and the cost of reproduction. Biological Reviews, 2016, 91, 483-497.	10.4	143
26	Oxidative stress and life histories: unresolved issues and current needs. Ecology and Evolution, 2015, 5, 5745-5757.	1.9	169
27	Plasma markers of oxidative stress are uncorrelated in a wild mammal. Ecology and Evolution, 2015, 5, 5096-5108.	1.9	22
28	Body size but not warning signal luminance influences predation risk in recently metamorphosed poison frogs. Ecology and Evolution, 2015, 5, 4603-4616.	1.9	12
29	The oxidative costs of reproduction are group-size dependent in a wild cooperative breeder. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152031.	2.6	26
30	Testing the Effects of DL-Alpha-Tocopherol Supplementation on Oxidative Damage, Total Antioxidant Protection and the Sex-Specific Responses of Reproductive Effort and Lifespan to Dietary Manipulation in Australian Field Crickets (Teleogryllus commodus). Antioxidants, 2015, 4, 768-792.	5.1	14
31	Rival male chemical cues evoke changes in male pre- and post-copulatory investment in a flour beetle. Behavioral Ecology, 2015, 26, 1021-1029.	2.2	23
32	Food Supplementation Reveals Constraints and Adaptability of Egg Quality in the Magpie Pica Pica. Avian Biology Research, 2015, 8, 244-253.	0.9	4
33	Oxidative status and social dominance in a wild cooperative breeder. Functional Ecology, 2015, 29, 229-238.	3.6	42
34	Immune Response in a Wild Bird Is Predicted by Oxidative Status, but Does Not Cause Oxidative Stress. PLoS ONE, 2015, 10, e0122421.	2.5	25
35	Reproduction in Risky Environments: The Role of Invasive Egg Predators in Ladybird Laying Strategies. PLoS ONE, 2015, 10, e0139404.	2.5	7
36	Reproduction Is Associated with a Tissue-Dependent Reduction of Oxidative Stress in Eusocial Female Damaraland Mole-Rats (Fukomys damarensis). PLoS ONE, 2014, 9, e103286.	2.5	41

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37	Maternal effects and warning signal honesty in eggs and offspring of an aposematic ladybird beetle. Functional Ecology, 2014, 28, 1187-1196.	3.6	34
38	Fat provisioning in winter impairs egg production during the following spring: a landscapeâ€scale study of blue tits. Journal of Animal Ecology, 2013, 82, 673-682.	2.8	33
39	Diet, development and the optimization of warning signals in postâ€metamorphic green and black poison frogs. Functional Ecology, 2013, 27, 816-829.	3.6	14
40	Nestling erythrocyte resistance to oxidative stress predicts fledging success but not local recruitment in a wild bird. Biology Letters, 2013, 9, 20120888.	2.3	35
41	Chemical egg defence in the large milkweed bug, <scp>O</scp>ncopeltus fasciatus, derives from maternal but not paternal diet. Entomologia Experimentalis Et Applicata, 2013, 149, 197-205.	1.4	14
42	Telomere length in early life predicts lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1743-1748.	7.1	722
43	Unusual whitish eggs in the poison frogDendrobates auratusGirard, 1855. Tropical Zoology, 2012, 25, 67-73.	0.6	1
44	Fine-scale thermal adaptation in a green turtle nesting population. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1077-1084.	2.6	71
45	Telomere Length in Early Life Predicts Life Span. Obstetrical and Gynecological Survey, 2012, 67, 283-284.	0.4	6
46	Environmental effects shape the maternal transfer of carotenoids and vitamin E to the yolk. Frontiers in Zoology, 2012, 9, 17.	2.0	12
47	Oxidative damage, ageing, and life-history evolution: where now?. Trends in Ecology and Evolution, 2012, 27, 570-577.	8.7	286
48	Individual Consistency and Covariation of Measures of Oxidative Status in Greenfinches. Physiological and Biochemical Zoology, 2012, 85, 299-307.	1.5	32
49	Coccidian Infection Causes Oxidative Damage in Greenfinches. PLoS ONE, 2012, 7, e36495.	2.5	34
50	Deleterious effects of light exposure on immunity and sexual coloration in birds. Functional Ecology, 2012, 26, 37-45.	3.6	13
51	Synergistic effects of supplementation of dietary antioxidants during growth on adult phenotype in ringâ€necked pheasants,Phasianus colchicus. Functional Ecology, 2012, 26, 254-264.	3.6	18
52	How the ladybird got its spots: effects of resource limitation on the honesty of aposematic signals. Functional Ecology, 2012, 26, 334-342.	3.6	72
53	Antioxidant supplementation during early development reduces parasite load but does not affect sexual ornament expression in adult ring-necked pheasants. Functional Ecology, 2012, 26, 688-700.	3.6	17
54	Hatching asynchrony can have long-term consequences for offspring fitness in zebra finches under captive conditions. Biological Journal of the Linnean Society, 2012, 106, 430-438.	1.6	17

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55	MALDI-TOF mass spectrometry as a simple tool to determine the phospholipid/glycolipid composition of sperm: Pheasant spermatozoa as one selected example. Animal Reproduction Science, 2011, 123, 270-278.	1.5	17
56	Male attractiveness, fertility and susceptibility to oxidative stress are influenced by inbreeding in Drosophila simulans. Journal of Evolutionary Biology, 2011, 24, 363-371.	1.7	53
57	Carry-over effects as drivers of fitness differences in animals. Journal of Animal Ecology, 2011, 80, 4-18.	2.8	670
58	Rate of egg maturation in marine turtles exhibits â€˜universal temperature dependenceâ€™. Journal of Animal Ecology, 2011, 80, 1034-1041.	2.8	20
59	How integument colour reflects its carotenoid content: a sticklebackâ€™s perspective. Functional Ecology, 2011, 25, 297-304.	3.6	30
60	Patterns of egg yolk antioxidant co-variation in an avian brood parasiteâ€“host system. Behavioral Ecology and Sociobiology, 2011, 65, 313-323.	1.4	10
61	Immune Activation Reduces Sperm Quality in the Great Tit. PLoS ONE, 2011, 6, e22221.	2.5	48
62	Does oxidative stress mediate the tradeâ€off between growth and selfâ€maintenance in structured families?. Functional Ecology, 2010, 24, 365-373.	3.6	87
63	Sperm of colourful males are better protected against oxidative stress. Ecology Letters, 2010, 13, 213-222.	6.4	131
64	Diversification of honest signals in a predatorâ€“prey system. Ecology Letters, 2010, 13, 744-753.	6.4	31
65	Oxidative stress and the effect of parasites on a carotenoid-based ornament. Journal of Experimental Biology, 2010, 213, 400-407.	1.7	56
66	Oxidative stress and the effect of parasites on a carotenoid-based ornament. Journal of Experimental Biology, 2010, 213, 1796-1796.	1.7	2
67	Dietary carotenoid availability, sexual signalling and functional fertility in sticklebacks. Biology Letters, 2010, 6, 191-193.	2.3	65
68	Dietary carotenoid availability and reproductive effort influence the age-related decline in performance. Behavioral Ecology, 2010, 21, 1048-1053.	2.2	12
69	Temporal variability in a multicomponent trait: nuptial coloration of female two-spotted gobies. Behavioral Ecology, 2009, 20, 346-353.	2.2	23
70	Warning displays may function as honest signals of toxicity. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 871-877.	2.6	112
71	Honest sexual signalling mediated by parasite and testosterone effects on oxidative balance. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1093-1100.	2.6	80
72	Life history correlates of oxidative damage in a freeâ€living mammal population. Functional Ecology, 2009, 23, 809-817.	3.6	169

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73	Strength and cost of an induced immune response are associated with a heritable melaninâ€based colour trait in female tawny owls. Journal of Animal Ecology, 2009, 78, 608-616.	2.8	107
74	Female ornamentation and egg carotenoids of six sympatric gobies. Journal of Fish Biology, 2009, 75, 2777-2787.	1.6	16
75	Optimization of Resource Allocation Can Explain the Temporal Dynamics and Honesty of Sexual Signals. American Naturalist, 2009, 174, 515-525.	2.1	48
76	Control and Function of Carotenoid Coloration in Birds. , 2009, , 487-510.		2
77	Corticosterone mediates the condition-dependent component of melanin-based coloration. Animal Behaviour, 2008, 75, 1351-1358.	1.9	135
78	Signal Functions of Carotenoid Colouration. , 2008, , 213-236.		48
79	Carotenoids, oxidative stress and female mating preference for longer lived males. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1591-1596.	2.6	117
80	Dietary carotenoid availability influences a male's ability to provide parental care. Behavioral Ecology, 2007, 18, 1100-1105.	2.2	38
81	Availability of non-carotenoid antioxidants affects the expression of a carotenoid-based sexual ornament. Biology Letters, 2007, 3, 353-356.	2.3	66
82	Sex-specific differences in compensation for poor neonatal nutrition in the zebra finch Taeniopygia guttata. Journal of Avian Biology, 2007, 38, 356-366.	1.2	40
83	Multiple pathways of maternal effects in black-headed gull eggs: constraint and adaptive compensatory adjustment. Journal of Evolutionary Biology, 2006, 19, 1304-1313.	1.7	77
84	Effects of neonatal nutrition on adult reproduction in a passerine bird. Ibis, 2006, 148, 509-514.	1.9	62
85	Does female nuptial coloration reflect egg carotenoids and clutch quality in the Two-Spotted Goby (Gobiusculus flavescens, Gobiidae)?. Functional Ecology, 2006, 20, 689-698.	3.6	57
86	Effects of carotenoid supply on escape flight responses in zebra finches, Taeniopygia guttata. Animal Behaviour, 2006, 72, 595-601.	1.9	40
87	Intra-specific interactions influence egg composition in the lesser black-backed gull (Larus fuscus). Behavioral Ecology and Sociobiology, 2005, 57, 357-365.	1.4	58
88	Eggâ€“laying capacity is limited by carotenoid pigment availability in wild gulls Larus fuscus. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S79-81.	2.6	104
89	Carotenoids and life-history evolution in animals. Archives of Biochemistry and Biophysics, 2004, 430, 10-15.	3.0	134
90	Do individual branches of immune defence correlate? A comparative case study of scavenging and non-scavenging birds. Oikos, 2003, 102, 340-350.	2.7	78

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91	Carotenoid Modulation of Immune Function and Sexual Attractiveness in Zebra Finches. Science, 2003, 300, 125-127.	12.6	597
92	Neonatal nutrition, adult antioxidant defences and sexual attractiveness in the zebra finch. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1691-1696.	2.6	186
93	Carotenoids and egg quality in the lesser black-backed gullLarus fuscus: a supplemental feeding study of maternal effects. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 29-36.	2.6	267
94	Patterns of yolk enrichment with dietary carotenoids in gulls: the roles of pigment acquisition and utilization. Functional Ecology, 2002, 16, 445-453.	3.6	85
95	Carotenoid discrimination by the avian embryo: a lesson from wild birds. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 128, 743-750.	1.6	93
96	Antioxidants, showy males and sperm quality. Ecology Letters, 2001, 4, 393-396.	6.4	109
97	Effects of piscivory on the fatty acid profiles and antioxidants of avian yolk: studies on eggs of the gannet, skua, pelican and cormorant. Journal of Zoology, 2001, 255, 305-312.	1.7	54
98	The relative effectiveness of manipulable feeders and olfactory enrichment for Kinkajous. International Zoo Yearbook, 2000, 37, 381-394.	0.9	7
99	Why egg yolk is yellow. Trends in Ecology and Evolution, 2000, 15, 47-49.	8.7	255
100	Redevelopment of a disused enclosure for housing Sulawesi crested macaques Macaca nigra at Newquay Zoo. International Zoo Yearbook, 1998, 36, 56-63.	0.9	3