

Fabrice Helfenstein

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,444
citations

279487

23
h-index

344852

36
g-index

56
all docs

56
docs citations

56
times ranked

1665
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Vaccine Alpha and Delta Variant Breakthrough Infections Are Rare and Mild but Can Happen Relatively Early after Vaccination. <i>Microorganisms</i> , 2022, 10, 857.	1.6	8
2	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.	1.3	4
3	Contamination by neonicotinoid insecticides in barn owls (<i>Tyto alba</i>) and Alpine swifts (<i>Tachymarptis</i>) Tj ETQq1 1 0,784314 rgBT /Over	3.9	18
4	Morphological and physiological consequences of a dietary restriction during early life in bats. <i>Behavioral Ecology</i> , 2020, 31, 475-486.	1.0	5
5	Oxidative costs of cooperation in cooperatively breeding Damaraland mole-rats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201023.	1.2	9
6	A sublethal dose of the neonicotinoid insecticide acetamiprid reduces sperm density in a songbird.. <i>Environmental Research</i> , 2019, 177, 108589.	3.7	26
7	Experimental manipulation of reproductive tactics in <i>Seba's</i> short-tailed bats: consequences on sperm quality and oxidative status. <i>Environmental Epigenetics</i> , 2019, 65, 609-616.	0.9	2
8	Behavioural avoidance of sperm ageing depends on genetic similarity of mates in a monogamous seabird. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 170-180.	0.7	2
9	A guide for ecologists to build a low-cost selective trap using radio frequency identification detection. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	4
10	A nationwide survey of neonicotinoid insecticides in agricultural land with implications for agri-environment schemes. <i>Journal of Applied Ecology</i> , 2019, 56, 1502-1514.	1.9	71
11	Social dominance, but not parasite load, affects sperm quality and sperm redox status in house sparrows. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	4
12	A large-scale survey of house sparrows feathers reveals ubiquitous presence of neonicotinoids in farmlands. <i>Science of the Total Environment</i> , 2019, 660, 1091-1097.	3.9	52
13	Effects of an early-life paraquat exposure on adult resistance to oxidative stress, plumage colour and sperm performance in a wild bird. <i>Journal of Animal Ecology</i> , 2018, 87, 1137-1148.	1.3	7
14	Relationships between sperm morphological traits and sperm swimming performance in wild Great Tits (<i>Parus major</i>). <i>Journal of Ornithology</i> , 2018, 159, 805-814.	0.5	5
15	Is sperm morphology functionally related to sperm swimming ability? A case study in a wild passerine bird with male hierarchies. <i>BMC Evolutionary Biology</i> , 2018, 18, 142.	3.2	9
16	Sperm collection in Black-legged Kittiwakes and characterization of sperm velocity and morphology. <i>Avian Research</i> , 2018, 9, .	0.5	4
17	Bird health and sperm quality in relation to environmental levels of neonicotinoids. , 2018, , .		0
18	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

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19	Oxidative stress affects sperm performance and ejaculate redox status in subordinate House Sparrows. <i>Journal of Experimental Biology</i> , 2017, 220, 2577-2588.	0.8	13
20	Alternative reproductive tactics, sperm mobility and oxidative stress in <i>Carollia perspicillata</i> (Seba's short-tailed bat). <i>Journal of Experimental Biology</i> , 2017, 220, 2577-2588.	0.6	20
21	Sensitive and selective quantification of free and total malondialdehyde in plasma using UHPLC-HRMS. <i>Journal of Lipid Research</i> , 2017, 58, 1924-1931.	2.0	23
22	Social dominance explains within-ejaculate variation in sperm design in a passerine bird. <i>BMC Evolutionary Biology</i> , 2017, 17, 66.	3.2	6
23	Editorial: Oxidative Stress and Signal Honesty. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	1
24	Antioxidant allocation modulates sperm quality across changing social environments. <i>PLoS ONE</i> , 2017, 12, e0176385.	1.1	20
25	Badge Size Reflects Sperm Oxidative Status within Social Groups in the House Sparrow <i>Passer domesticus</i> . <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	9
26	Maternal effects as drivers of sibling competition in a parent's offspring conflict context? An experimental test. <i>Ecology and Evolution</i> , 2016, 6, 3699-3710.	0.8	11
27	Modification of sperm quality after sexual abstinence in Seba's short-tailed bat, <i>Carollia perspicillata</i> . <i>Journal of Experimental Biology</i> , 2016, 219, 1363-1368.	0.8	9
28	Electroejaculation and semen buffer evaluation in the microbat <i>Carollia perspicillata</i> . <i>Theriogenology</i> , 2015, 83, 904-910.	0.9	14
29	Microbiome affects egg carotenoid investment, nestling development and adult oxidative costs of reproduction in Great tits. <i>Functional Ecology</i> , 2015, 29, 1048-1058.	1.7	37
30	Corticosterone: effects on feather quality and deposition into feathers. <i>Methods in Ecology and Evolution</i> , 2015, 6, 237-246.	2.2	101
31	Resistance to oxidative stress shows low heritability and high common environmental variance in a wild bird. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1990-2000.	0.8	23
32	Nestling erythrocyte resistance to oxidative stress predicts fledging success but not local recruitment in a wild bird. <i>Biology Letters</i> , 2013, 9, 20120888.	1.0	35
33	Brood Reduction via Intra-clutch Variation in Testosterone - An Experimental Test in the Great Tit. <i>PLoS ONE</i> , 2013, 8, e56672.	1.1	8
34	Higher <i>in vitro</i> resistance to oxidative stress in extra-pair offspring. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2525-2530.	0.8	4
35	Behavioral and physiological responses to male handicap in chick-rearing black-legged kittiwakes. <i>Behavioral Ecology</i> , 2011, 22, 1156-1165.	1.0	31
36	Reproductive effort transiently reduces antioxidant capacity in a wild bird. <i>Behavioral Ecology</i> , 2011, 22, 1218-1226.	1.0	38

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37	Immune Activation Reduces Sperm Quality in the Great Tit. PLoS ONE, 2011, 6, e22221.	1.1	48
38	Sperm morphology, swimming velocity, and longevity in the house sparrow <i>Passer domesticus</i> . Behavioral Ecology and Sociobiology, 2010, 64, 557-565.	0.6	63
39	Sperm of colourful males are better protected against oxidative stress. Ecology Letters, 2010, 13, 213-222.	3.0	131
40	Effect of sibling competition and male carotenoid supply on offspring condition and oxidative stress. Behavioral Ecology, 2010, 21, 1271-1277.	1.0	13
41	Family size and sex-specific parental effort in black-legged kittiwakes. Behaviour, 2010, 147, 1841-1862.	0.4	14
42	Evidence that pairing with genetically similar mates is maladaptive in a monogamous bird. BMC Evolutionary Biology, 2009, 9, 147.	3.2	35
43	Betweenâ€male variation in sperm size, velocity and longevity in sand martins <i>Riparia riparia</i> . Journal of Avian Biology, 2008, 39, 647-652.	0.6	26
44	Sexâ€related effects of maternal egg investment on offspring in relation to carotenoid availability in the great tit. Journal of Animal Ecology, 2008, 77, 74-82.	1.3	28
45	Females of carotenoid-supplemented males are more faithful and produce higher quality offspring. Behavioral Ecology, 2008, 19, 1165-1172.	1.0	12
46	Multiple deleterious effects of experimentally aged sperm in a monogamous bird. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13947-13952.	3.3	48
47	Nestling begging intensity and parental effort in relation to prelaying carotenoid availability. Behavioral Ecology, 2007, 19, 108-115.	1.0	36
48	Cellular immune response, stress resistance and competitiveness in nestling great tits in relation to maternally transmitted carotenoids. Functional Ecology, 2007, 21, 335-343.	1.7	35
49	Female choice of young sperm in a genetically monogamous bird. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S134-7.	1.2	50
50	Is Male Unpredictability a Paternity Assurance Strategy?. Behaviour, 2004, 141, 675-690.	0.4	0
51	Assortative Mating and Sexual Size Dimorphism in Black-legged Kittiwakes. Waterbirds, 2004, 27, 350-354.	0.2	43
52	LOW FREQUENCY OF EXTRA-PAIR PATERNITY AND HIGH FREQUENCY OF ADOPTION IN BLACK-LEGGED KITTIWAKES. Condor, 2004, 106, 149.	0.7	48
53	Sexual conflict over sperm ejection in monogamous pairs of kittiwakes <i>Rissa tridactyla</i> . Behavioral Ecology and Sociobiology, 2003, 54, 370-376.	0.6	27
54	Functions of courtship feeding in black-legged kittiwakes: natural and sexual selection. Animal Behaviour, 2003, 65, 1027-1033.	0.8	49

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55	Polymorphic microsatellites in the black-legged kittiwake <i>Rissa tridactyla</i> . <i>Molecular Ecology Notes</i> , 2002, 2, 431-433.	1.7	32
56	Colonies as byproducts of commodity selection. <i>Behavioral Ecology</i> , 2000, 11, 572-573.	1.0	55