Fabrice Helfenstein

List of Publications by Year
in descending order

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56	1,444	279798 23	345221 36
papers	citations	h-index	g-index

56	56	56	1665
all docs	docs citations	times ranked	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. Microorganisms, 2022, 10, 857.	3.6	8
2	Birds of different morphs use slightly different strategies to achieve similar reproductive performance following heatwave exposure. Journal of Animal Ecology, 2021, 90, 2594-2608.	2.8	4
3	Contamination by neonicotinoid insecticides in barn owls (Tyto alba) and Alpine swifts (Tachymarptis) Tj ETQq1 1 0.784314 rgBT /Ov	8.0	18
4	Morphological and physiological consequences of a dietary restriction during early life in bats. Behavioral Ecology, 2020, 31, 475-486.	2.2	5
5	Oxidative costs of cooperation in cooperatively breeding Damaraland mole-rats. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201023.	2.6	9
6	A sublethal dose of the neonicotinoid insecticide acetamiprid reduces sperm density in a songbird.. Environmental Research, 2019, 177, 108589.	7.5	26
7	Experimental manipulation of reproductive tactics in Sebaâ€™s short-tailed bats: consequences on sperm quality and oxidative status. Environmental Epigenetics, 2019, 65, 609-616.	1.8	2
8	Behavioural avoidance of sperm ageing depends on genetic similarity of mates in a monogamous seabird. Biological Journal of the Linnean Society, 2019, 128, 170-180.	1.6	2
9	A guide for ecologists to build a low-cost selective trap using radio frequency identification detection. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	4
10	A nationâ€wide survey of neonicotinoid insecticides in agricultural land with implications for agriâ€environment schemes. Journal of Applied Ecology, 2019, 56, 1502-1514.	4.0	71
11	Social dominance, but not parasite load, affects sperm quality and sperm redox status in house sparrows. Journal of Experimental Biology, 2019, 222, .	1.7	4
12	A large-scale survey of house sparrows feathers reveals ubiquitous presence of neonicotinoids in farmlands. Science of the Total Environment, 2019, 660, 1091-1097.	8.0	52
13	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
14	Relationships between sperm morphological traits and sperm swimming performance in wild Great Tits (Parus major). Journal of Ornithology, 2018, 159, 805-814.	1.1	5
15	Is sperm morphology functionally related to sperm swimming ability? A case study in a wild passerine bird with male hierarchies. BMC Evolutionary Biology, 2018, 18, 142.	3.2	9
16	Sperm collection in Black-legged Kittiwakes and characterization of sperm velocity and morphology. Avian Research, 2018, 9, .	1.2	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 longâ€lived bird. Functional Ecology, 2017, 31, 1201-1209.	3.6	18

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19	Oxidative stress affects sperm performance and ejaculate redox status in subordinate House Sparrows. Journal of Experimental Biology, 2017, 220, 2577-2588.	1.7	13
20	Alternative reproductive tactics, sperm mobility and oxidative stress in Carollia perspicillata (Sebaâ€™s) Tj ETQq0 0 0 rgBT /Overlock 10	1.4	20
21	Sensitive and selective quantification of free and total malondialdehyde in plasma using UHPLC-HRMS. Journal of Lipid Research, 2017, 58, 1924-1931.	4.2	23
22	Social dominance explains within-ejaculate variation in sperm design in a passerine bird. BMC Evolutionary Biology, 2017, 17, 66.	3.2	6
23	Editorial: Oxidative Stress and Signal Honesty. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	1
24	Antioxidant allocation modulates sperm quality across changing social environments. PLoS ONE, 2017, 12, e0176385.	2.5	20
25	Badge Size Reflects Sperm Oxidative Status within Social Groups in the House Sparrow Passer domesticus. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	9
26	Maternal effects as drivers of sibling competition in a parentâ€“offspring conflict context? An experimental test. Ecology and Evolution, 2016, 6, 3699-3710.	1.9	11
27	Modification of sperm quality after sexual abstinence in Seba's short-tailed bat,Carollia perspicillata. Journal of Experimental Biology, 2016, 219, 1363-1368.	1.7	9
28	Electroejaculation and semen buffer evaluation in the microbat Carollia perspicillata. Theriogenology, 2015, 83, 904-910.	2.1	14
29	Microbiome affects egg carotenoid investment, nestling development and adult oxidative costs of reproduction in Great tits. Functional Ecology, 2015, 29, 1048-1058.	3.6	37
30	Corticosterone: effects on feather quality and deposition into feathers. Methods in Ecology and Evolution, 2015, 6, 237-246.	5.2	101
31	Resistance to oxidative stress shows low heritability and high common environmental variance in a wild bird. Journal of Evolutionary Biology, 2014, 27, 1990-2000.	1.7	23
32	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
33	Brood Reduction via Intra-clutch Variation in Testosterone - An Experimental Test in the Great Tit. PLoS ONE, 2013, 8, e56672.	2.5	8
34	Higher in vitro resistance to oxidative stress in extraâ€pair offspring. Journal of Evolutionary Biology, 2011, 24, 2525-2530.	1.7	4
35	Behavioral and physiological responses to male handicap in chick-rearing black-legged kittiwakes. Behavioral Ecology, 2011, 22, 1156-1165.	2.2	31
36	Reproductive effort transiently reduces antioxidant capacity in a wild bird. Behavioral Ecology, 2011, 22, 1218-1226.	2.2	38

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37	Immune Activation Reduces Sperm Quality in the Great Tit. PLoS ONE, 2011, 6, e22221.	2.5	48
38	Sperm morphology, swimming velocity, and longevity in the house sparrow Passer domesticus. Behavioral Ecology and Sociobiology, 2010, 64, 557-565.	1.4	63
39	Sperm of colourful males are better protected against oxidative stress. Ecology Letters, 2010, 13, 213-222.	6.4	131
40	Effect of sibling competition and male carotenoid supply on offspring condition and oxidative stress. Behavioral Ecology, 2010, 21, 1271-1277.	2.2	13
41	Family size and sex-specific parental effort in black-legged kittiwakes. Behaviour, 2010, 147, 1841-1862.	0.8	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 Riparia riparia. Journal of Avian Biology, 2008, 39, 647-652.	1.2	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.	2.8	28
45	Females of carotenoid-supplemented males are more faithful and produce higher quality offspring. Behavioral Ecology, 2008, 19, 1165-1172.	2.2	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.	7.1	48
47	Nestling begging intensity and parental effort in relation to prelaying carotenoid availability. Behavioral Ecology, 2007, 19, 108-115.	2.2	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.	3.6	35
49	Female choice of young sperm in a genetically monogamous bird. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S134-7.	2.6	50
50	Is Male Unpredictability a Paternity Assurance Strategy?. Behaviour, 2004, 141, 675-690.	0.8	0
51	Assortative Mating and Sexual Size Dimorphism in Black-legged Kittiwakes. Waterbirds, 2004, 27, 350-354.	0.3	43
52	LOW FREQUENCY OF EXTRA-PAIR PATERNITY AND HIGH FREQUENCY OF ADOPTION IN BLACK-LEGGED KITTIWAKES. Condor, 2004, 106, 149.	1.6	48
53	Sexual conflict over sperm ejection in monogamous pairs of kittiwakes Rissa tridactyla. Behavioral Ecology and Sociobiology, 2003, 54, 370-376.	1.4	27
54	Functions of courtship feeding in black-legged kittiwakes: natural and sexual selection. Animal Behaviour, 2003, 65, 1027-1033.	1.9	49

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55	Polymorphic microsatellites in the black-legged kittiwake Rissa tridactyla. Molecular Ecology Notes, 2002, 2, 431-433.	1.7	32
56	Colonies as byproducts of commodity selection. Behavioral Ecology, 2000, 11, 572-573.	2.2	55