Franz Bairlein

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2173546/publications.pdf

Version: 2024-02-01

37	9,463	361296	345118
papers	citations	20 h-index	36 g-index

40	40	40	13657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ecological responses to recent climate change. Nature, 2002, 416, 389-395.	13.7	7,926
2	The decline of <scp>A</scp>froâ€<scp>P</scp>alaearctic migrants and an assessment of potential causes. Ibis, 2014, 156, 1-22.	1.0	314
3	Cross-hemisphere migration of a 25 g songbird. Biology Letters, 2012, 8, 505-507.	1.0	190
4	Is There a â€œMigratory Syndromeâ€•Common to All Migrant Birds?. Annals of the New York Academy of Sciences, 2005, 1046, 282-293.	1.8	113
5	Migratory birds under threat. Science, 2016, 354, 547-548.	6.0	106
6	Endogenous Rhythms of Seasonal Migratory Body Mass Changes and Nocturnal Restlessness in Different Populations of Northern WheatearOenanthe oenanthe. Journal of Biological Rhythms, 2010, 25, 268-276.	1.4	75
7	Migratory restlessness in captive individuals predicts actual departure in the wild. Biology Letters, 2014, 10, 20140154.	1.0	68
8	The influence of weather on avian spring migration phenology: What, where and when?. Global Change Biology, 2018, 24, 5769-5788.	4.2	62
9	Proximate causes of avian protandry differ between subspecies with contrasting migration challenges. Behavioral Ecology, 2016, 27, 321-331.	1.0	61
10	Energy Expenditure and Metabolic Changes of Free-Flying Migrating Northern Bald Ibis. PLoS ONE, 2015, 10, e0134433.	1.1	55
11	Weather at the winter and stopover areas determines spring migration onset, progress, and advancements in Afro-Palearctic migrant birds. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17056-17062.	3.3	53
12	Autumn bird migration phenology: A potpourri of wind, precipitation and temperature effects. Global Change Biology, 2019, 25, 4064-4080.	4.2	52
13	Innate Sex Differences in the Timing of Spring Migration in a Songbird. PLoS ONE, 2012, 7, e31271.	1.1	50
14	Challenging a 15â€yearâ€old claim: The North Atlantic Oscillation index as a predictor of spring migration phenology of birds. Global Change Biology, 2018, 24, 1523-1537.	4.2	38
15	Geomagnetic information modulates nocturnal migratory restlessness but not fueling in a long distance migratory songbird. Journal of Avian Biology, 2017, 48, 75-82.	0.6	33
16	Recurrence of some palaearctic migrant passerine species in West Africa. Ringing and Migration, 2000, 20, 29-30.	0.2	30
17	Corticosterone, food intake and refueling in a long-distance migrant. Hormones and Behavior, 2014, 65, 480-487.	1.0	28
18	Unravelling migration connectivity reveals unsustainable hunting of the declining ortolan bunting. Science Advances, 2019, 5, eaau2642.	4.7	28

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19	Food availability and fuel loss predict Zugunruhe. Journal of Ornithology, 2014, 155, 65-70.	0.5	27
20	Endogenous control of migratory behavior in Alaskan Northern Wheatears Oenanthe oenanthe. Journal of Ornithology, 2013, 154, 567-570.	0.5	22
21	A handy way to estimate lean body mass and fuel load from wing length: a quantitative approach using magnetic resonance data. Ringing and Migration, 2019, 34, 8-24.	0.2	17
22	Transcriptome signatures in the brain of a migratory songbird. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 34, 100681.	0.4	16
23	Routes to genes: unravelling the control of avian migrationâ€"an integrated approach using Northern Wheatear Oenanthe oenanthe as model organism. Journal of Ornithology, 2015, 156, 3-14.	0.5	15
24	Migratory body mass increase in Northern Wheatears (Oenanthe oenanthe) is the accumulation of fat as proven by quantitative magnetic resonance. Journal of Ornithology, 2019, 160, 389-397.	0.5	13
25	Revealing the control of migratory fueling: An integrated approach combining laboratory and field studies in northern wheatears Oenanthe oenanthe. Environmental Epigenetics, 2013, 59, 381-392.	0.9	12
26	An exception to the rule: Captivity does not stress wild migrating northern wheatears. General and Comparative Endocrinology, 2019, 275, 25-29.	0.8	10
27	No apparent effect of a magnetic pulse on free-flight behaviour in northern wheatears (Oenanthe) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	9
28	De novo annotation of the transcriptome of the Northern Wheatear (Oenanthe) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	0.9	8
29	Transcriptome signature changes in the liver of a migratory passerine. Genomics, 2022, 114, 110283.	1.3	8
30	Endogenous control of fuelling in a migratory songbird. Die Naturwissenschaften, 2017, 104, 93.	0.6	7
31	Endogenous migratory behaviour in a diurnally migrating songbird. Journal of Ornithology, 2017, 158, 717-724.	0.5	6
32	The avian lightweights: Transâ€Saharan migrants show lower lean body mass than shortâ€mediumâ€distance migrants. Journal of Evolutionary Biology, 2021, 34, 1010-1021.	0.8	4
33	The role of ketogenesis in the migratory fattening of the northern wheatearOenanthe oenanthe. Biology Letters, 2021, 17, 20210195.	1.0	4
34	Bird migration. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 381-382.	0.7	1
35	Earlier spring passage of â€˜Greenlandicâ€™ Northern Wheatears Oenanthe o. leucorhoa on the coast of Belgium. Ringing and Migration, 2019, 34, 52-56.	0.2	1
36	Days to visit an offshore island: effect of weather conditions on arrival fuel load and potential flight range for common blackbirds Turdus merula migrating over the North Sea. Movement Ecology, 2021, 9, 53.	1.3	1

#	Article	IF	Citations
37	Editorial for the proceedings of the 26th international ornithological congress. Journal of Ornithology, 2015, 156, 1-1.	0.5	0