Great Tit HapMap Consortium

List of Publications by Year
in descending order

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52 papers	2,053 citations	257101 24 h-index	264894 42 g-index
61 all docs	61 docs citations	61 times ranked	2905 citing authors

#	Article	IF	Citations
1	Evolutionary signals of selection on cognition from the great tit genome and methylome. Nature Communications, 2016, 7, 10474.	5.8	172
2	Climate change induced hybridization in flying squirrels. Global Change Biology, 2010, 16, 113-121.	4.2	157
3	Applications of graph theory to landscape genetics. Evolutionary Applications, 2008, 1, 620-630.	1.5	104
4	Social network analysis of mixed-species flocks: exploring the structure and evolution of interspecific social behaviour. Animal Behaviour, 2012, 84, 1271-1277.	0.8	104
5	The Effect of Map Boundary on Estimates of Landscape Resistance to Animal Movement. PLoS ONE, 2010, 5, e11785.	1.1	101
6	Do social networks of female northern long-eared bats vary with reproductive period and age?. Behavioral Ecology and Sociobiology, 2010, 64, 899-913.	0.6	92
7	The role of social and ecological processes in structuring animal populations: a case study from automated tracking of wild birds. Royal Society Open Science, 2015, 2, 150057.	1.1	91
8	Inferring social structure from temporal data. Behavioral Ecology and Sociobiology, 2015, 69, 857-866.	0.6	86
9	Thermal Properties of Tree Cavities During Winter in a Northern Hardwood Forest. Journal of Wildlife Management, 2010, 74, 1875-1881.	0.7	79
10	Collective decision making and social interaction rules in mixed-species flocks of songbirds. Animal Behaviour, 2014, 95, 173-182.	0.8	71
11	Nonrandom association patterns at northern long-eared bat maternity roosts. Canadian Journal of Zoology, 2007, 85, 956-964.	0.4	67
12	Continent-wide effects of urbanization on bird and mammal genetic diversity. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192497.	1.2	63
13	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	6.0	62
14	The genetic signature of rapid range expansion by flying squirrels in response to contemporary climate warming. Global Change Biology, 2011, 17, 1760-1769.	4.2	56
15	Using a genetic network to parameterize a landscape resistance surface for fishers, Martes pennanti. Molecular Ecology, 2011, 20, 3978-3988.	2.0	56
16	FINE-SCALE GENETIC STRUCTURE IN A WILD BIRD POPULATION: THE ROLE OF LIMITED DISPERSAL AND ENVIRONMENTALLY BASED SELECTION AS CAUSAL FACTORS. Evolution; International Journal of Organic Evolution, 2013, 67, 3488-3500.	1.1	44
17	Molecular data provide strong evidence of natural hybridization between native and introduced lineages of Phragmites australis in North America. Biological Invasions, 2010, 12, 2967-2973.	1.2	43
18	Landscape resistance and American marten gene flow. Landscape Ecology, 2012, 27, 29-43.	1.9	37

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19	How to Quantify Urbanization When Testing for Urban Evolution?. , 2020, , 13-35.		37
20	The quantitative effects of population density and winter weather on the body condition of white-tailed deer (Odocoileus virginianus) in Nova Scotia, Canada. Canadian Journal of Zoology, 2005, 83, 1246-1256.	0.4	34
21	Day roost characteristics of northern long-eared bats (Myotis septentrionalis) in relation to female reproductive status. Ecoscience, 2008, 15, 89-93.	0.6	33
22	Individual variation in winter supplementary food consumption and its consequences for reproduction in wild birds. Journal of Avian Biology, 2016, 47, 678-689.	0.6	32
23	Complex social structure of southern flying squirrels is related to spatial proximity but not kinship. Behavioral Ecology and Sociobiology, 2013, 67, 113-122.	0.6	31
24	Individual Variability in Migration Timing Can Explain Long-Term, Population-Level Advances in a Songbird. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	30
25	Ecological causes of multilevel covariance between size and firstâ€year survival in a wild bird population. Journal of Animal Ecology, 2015, 84, 208-218.	1.3	29
26	The role of ecology, neutral processes and antagonistic coevolution in an apparent sexual arms race. Ecology Letters, 2017, 20, 1107-1117.	3.0	27
27	Killer whale abundance and predicted narwhal consumption in the Canadian Arctic. Global Change Biology, 2020, 26, 4276-4283.	4.2	26
28	The Sensitivity of Genetic Connectivity Measures to Unsampled and Under-Sampled Sites. PLoS ONE, 2013, 8, e56204.	1.1	22
29	Ultrasonic Vocalizations Emitted by Flying Squirrels. PLoS ONE, 2013, 8, e73045.	1.1	20
30	Adjustment of Reproductive Investment and Offspring Sex Ratio in White-tailed Deer (Odocoileus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	19
31	The population genetics of urban and rural amphibians in North America. Molecular Ecology, 2021, 30, 3918-3929.	2.0	18
32	Characterization of the diversification of phospholipid:diacylglycerol acyltransferases in the green lineage. Plant Journal, 2020, 103, 2025-2038.	2.8	17
33	Reproductive consequences of the timing of seasonal movements in a nonmigratory wild bird population. Ecology, 2015, 96, 1641-1649.	1.5	15
34	Spatial, temporal and individualâ€based differences in nestâ€site visits and subsequent reproductive success in wild great tits. Journal of Avian Biology, 2018, 49, e01740.	0.6	15
35	Urbanization and artificial light at night reduce the functional connectivity of migratory aerial habitat. Ecography, 2022, 2022, .	2.1	14
36	Urban behavioural adaptation. Molecular Ecology, 2013, 22, 3430-3432.	2.0	13

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37	The conservation utility of mitochondrial genetic diversity in macrogenetic research. Conservation Genetics, 2021, 22, 323-327.	0.8	13
38	Wherever I may roam: social viscosity and kin affiliation in a wild population despite natal dispersal. Behavioral Ecology, 2016, 27, 1263-1268.	1.0	12
39	Timing to temperature: Eggâ€laying dates respond to temperature and are under stronger selection at northern latitudes. Ecosphere, 2019, 10, e02974.	1.0	12
40	Genetic and speciesâ€level biodiversity patterns are linked by demography and ecological opportunity. Evolution; International Journal of Organic Evolution, 2022, 76, 86-100.	1.1	11
41	Winter nest trees of sympatric northern (Glaucomys sabrinus) and southern (Glaucomys) Tj ETQq1 1 0.784314 rgBT /Overl 2021, 99, 859-866.	0.4	10
42	Social and spatial effects on genetic variation between foraging flocks in a wild bird population. Molecular Ecology, 2017, 26, 5807-5819.	2.0	8
43	Causes and consequences of individual variation in the extent of post-juvenile moult in the blue titCyanistes caeruleus(Passeriformes: Paridae). Biological Journal of the Linnean Society, 2015, 116, 341-351.	0.7	7
44	A review of sea lamprey dispersal and population structure in the Great Lakes and the implications for control. Journal of Great Lakes Research, 2021, 47, S549-S569.	0.8	7
45	Recurrent expansions of B30.2-associated immune receptor families in fish. Immunogenetics, 2022, 74, 129-147.	1.2	6
46	Testing the parasite-mediated competition hypothesis between sympatric northern and southern flying squirrels. International Journal for Parasitology: Parasites and Wildlife, 2022, 17, 83-90.	0.6	5
47	Bats use social information within and across species. Journal of Animal Ecology, 2019, 88, 1444-1446.	1.3	4
48	The socioeconomic status of cities covaries with avian lifeâ€history strategies. Ecosphere, 2022, 13, .	1.0	4
49	Digest: Local adaptation at close quarters*. Evolution; International Journal of Organic Evolution, 2018, 72, 1531-1532.	1.1	3
50	Genomic evidence for parallel adaptation to cities. Molecular Ecology, 2020, 29, 3397-3399.	2.0	3
51	Population demography maintains biogeographic boundaries. Ecology Letters, 2022, 25, 1905-1913.	3.0	3
52	Perspectives on social network analyses of bird populations. , 2014, , 171-183.		2