Marcel E Visser

List of Publications by Citations

234 papers	17,948 citations	65 h-index	130 g-index
251 ext. papers	20,575 ext. citations	6.9 avg, IF	7.09 L-index

#	Paper	IF	Citations
234	Climate change and population declines in a long-distance migratory bird. *Nature*, **2006**, 441, 81-3	50.4	951
233	Shifts in phenology due to global climate change: the need for a yardstick. *Proceedings of the Royal Society B: Biological Sciences*, **2005**, 272, 2561-9	4.4	898
232	Adjustment to climate change is constrained by arrival date in a long-distance migrant bird. *Nature*, **2001**, 411, 296-8	50.4	724
231	Keeping up with a warming world; assessing the rate of adaptation to climate change. *Proceedings of the Royal Society B: Biological Sciences*, **2008**, 275, 649-59	4.4	716
230	Warmer springs lead to mistimed reproduction in great tits (Parus major). *Proceedings of the Royal Society B: Biological Sciences*, **1998**, 265, 1867-1870	4.4	679
229	Superparasitism as an adaptive strategy for insect parasitoids. *Annual Review of Entomology*, **1990**, 35, 59-79	21.8	543
228	WHY BREEDING TIME HAS NOT RESPONDED TO SELECTION FOR EARLIER BREEDING IN A SONGBIRD POPULATION. *Evolution; International Journal of Organic Evolution*, **2006**, 60, 2381-2388	3.8	516
227	Predicting species distribution and abundance responses to climate change: why it is essential to include biotic interactions across trophic levels. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 2025-34	5.8	496
226	Selection on heritable phenotypic plasticity in a wild bird population. *Science*, **2005**, 310, 304-6	33.3	468
225	Climate change and unequal phenological changes across four trophic levels: constraints or adaptations?. *Journal of Animal Ecology*, **2009**, 78, 73-83	4.7	452
224	Shifts in caterpillar biomass phenology due to climate change and its impact on the breeding biology of an insectivorous bird. *Oecologia*, **2006**, 147, 164-72	2.9	429
223	Warmer springs disrupt the synchrony of oak and winter moth phenology. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 289-94	4.4	381
222	Phenology of forest caterpillars and their host trees: the importance of synchrony. *Annual Review of Entomology*, **2007**, 52, 37-55	21.8	345
221	Global Climate Change Leads to Mistimed Avian Reproduction. *Advances in Ecological Research*, **2004**, 35, 89-110	4.6	329
220	Large-scale geographical variation confirms that climate change causes birds to lay earlier. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 1657-62	4.4	308
219	The biological impacts of artificial light at night: the research challenge. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370,	5.8	258
218	The costs of egg production and incubation in great tits (Parus major). *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 1271-7	4.4	233

217	The Importance of Being Large: The Relationship between Size and Fitness in Females of the Parasitoid Aphaereta minuta (Hymenoptera: Braconidae). *Journal of Animal Ecology*, **1994**, 63, 963	4.7	227
216	Travelling through a warming world: climate change and migratory species. *Endangered Species Research*, **2009**, 7, 87-99	2.5	225
215	Variable responses to large-scale climate change in European Parus populations. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 367-72	4.4	219
214	Phenology, seasonal timing and circannual rhythms: towards a unified framework. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 3113-27	5.8	215
213	Climate change leads to decreasing bird migration distances. *Global Change Biology*, **2009**, 15, 1859-1865	11.4	196
212	Temperature has a causal effect on avian timing of reproduction. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 2323-31	4.4	191
211	Seasonal Variation in Local Recruitment of Great Tits: The Importance of Being Early. *Oikos*, **1998**, 81, 511	4	190
210	Phenological mismatch strongly affects individual fitness but not population demography in a woodland passerine. *Journal of Animal Ecology*, **2013**, 82, 131-44	4.7	181
209	Density□dependent recruitment rates in great tits: the importance of being heavier. *Proceedings of the Royal Society B: Biological Sciences*, **1999**, 266, 465-469	4.4	166
208	Predicting adaptation of phenology in response to climate change, an insect herbivore example. *Global Change Biology*, **2007**, 13, 1596-1604	11.4	160
207	The effect of climate change on the correlation between avian life-history traits. *Global Change Biology*, **2005**, 11, 1606-1613	11.4	152
206	Population growth in a wild bird is buffered against phenological mismatch. *Science*, **2013**, 340, 488-91	33.3	143
205	Adaptive responses of animals to climate change are most likely insufficient. *Nature Communications*, **2019**, 10, 3109	17.4	141
204	Generation time and temporal scaling of bird population dynamics. *Nature*, **2005**, 436, 99-102	50.4	136
203	Great tits can reduce caterpillar damage in apple orchards. *Journal of Applied Ecology*, **2002**, 39, 888-899	5.8	133
202	Contrasting patterns of phenotypic plasticity in reproductive traits in two great tit (Parus major) populations. *Evolution; International Journal of Organic Evolution*, **2010**, 64, 2221-37	3.8	131
201	Evolutionary and demographic consequences of phenological mismatches. *Nature Ecology and Evolution*, **2019**, 3, 879-885	12.3	129
200	Evolutionary signals of selection on cognition from the great tit genome and methylome. *Nature Communications*, **2016**, 7, 10474	17.4	125

199	Increasing temperature, not mean temperature, is a cue for avian timing of reproduction. *American Naturalist*, **2012**, 179, E55-69	3.7	122
198	Climatic effects on timing of spring migration and breeding in a long-distance migrant, the pied flycatcher Ficedula hypoleuca. *Journal of Avian Biology*, **2005**, 36, 368-373	1.9	116
197	Speeding up microevolution: the effects of increasing temperature on selection and genetic variance in a wild bird population. *PLoS Biology*, **2011**, 9, e1000585	9.7	114
196	Life-History Variation Predicts the Effects of Demographic Stochasticity on Avian Population Dynamics. *American Naturalist*, **2004**, 164, 793-802	3.7	109
195	Dose-dependent responses of avian daily rhythms to artificial light at night. *Physiology and Behavior* , **2016**, 155, 172-9	3.5	105
194	Recent natural selection causes adaptive evolution of an avian polygenic trait. *Science*, **2017**, 358, 365-368	33.3	101
193	Disrupted seasonal biology impacts health, food security and ecosystems. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20151453	4.4	100
192	International scientists formulate a roadmap for insect conservation and recovery. *Nature Ecology and Evolution*, **2020**, 4, 174-176	12.3	98
191	Experimental illumination of natural habitat--an experimental set-up to assess the direct and indirect ecological consequences of artificial light of different spectral composition. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370,	5.8	96
190	Birds exploit herbivore-induced plant volatiles to locate herbivorous prey. *Ecology Letters*, **2013**, 16, 1348-55	8.5	94
189	Adaptive phenological mismatches of birds and their food in a warming world. *Journal of Ornithology*, **2012**, 153, 75-84	1.5	94
188	Evolutionary response of the egg hatching date of a herbivorous insect under climate change. *Nature Climate Change*, **2013**, 3, 244-248	21.4	90
187	Predicting demographically sustainable rates of adaptation: can great tit breeding time keep pace with climate change?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2013**, 368, 20120289	5.8	90
186	Effects of spring temperatures on the strength of selection on timing of reproduction in a long-distance migratory bird. *PLoS Biology*, **2015**, 13, e1002120	9.7	88
185	Adaptive Superparasitism and Patch Time Allocation in Solitary Parasitoids: the Influence of the Number of Parasitoids Depleting a Patch. *Behaviour*, **1990**, 114, 21-36	1.4	88
184	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation. *Journal of Animal Ecology*, **2012**, 81, 926-36	4.7	86
183	Adaptive superparasitism in solitary parasitoids: marking of parasitized hosts in relation to the pay-off from superparasitism. *Ecological Entomology*, **1992**, 17, 76-82	2.1	83
182	Adaptive Superparasitism and Patch Time Allocation in Solitary Parasitoids: An ESS Model. *Journal of Animal Ecology*, **1992**, 61, 93	4.7	81

181	Restless roosts: Light pollution affects behavior, sleep, and physiology in a free-living songbird. *Global Change Biology*, **2017**, 23, 4987-4994	11.4	79
180	Adaptive superparasitism and patch time allocation in solitary parasitoids : the influence of pre-patch experience. *Behavioral Ecology and Sociobiology*, **1992**, 31, 163-171	2.5	79
179	Behavioural, ecological and evolutionary responses to extreme climatic events: challenges and directions. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	76
178	Archiving Primary Data: Solutions for Long-Term Studies. *Trends in Ecology and Evolution*, **2015**, 30, 581-589	16.9	72
177	Evidence for the effect of learning on timing of reproduction in blue tits. *Science*, **2002**, 296, 136-8	33.3	72
176	Genome-wide SNP detection in the great tit Parus major using high throughput sequencing. *Molecular Ecology*, **2010**, 19 Suppl 1, 89-99	5.7	71
175	Decline in the frequency and benefits of multiple brooding in great tits as a consequence of a changing environment. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1845-54	4.4	71
174	The case of the missing mechanism: how does temperature influence seasonal timing in endotherms?. *PLoS Biology*, **2013**, 11, e1001517	9.7	69
173	Why climate change will invariably alter selection pressures on phenology. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281,	4.4	68
172	Climate variation and regional gradients in population dynamics of two hole-nesting passerines. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 2397-404	4.4	67
171	A new statistical tool to predict phenology under climate change scenarios. *Global Change Biology*, **2005**, 11, 600-606	11.4	67
170	The extended Moran effect and large-scale synchronous fluctuations in the size of great tit and blue tit populations. *Journal of Animal Ecology*, **2007**, 76, 315-25	4.7	65
169	Activity patterns during food provisioning are affected by artificial light in free living great tits (Parus major). *PLoS ONE*, **2012**, 7, e37377	3.7	64
168	Two sides of a coin: ecological and chronobiological perspectives of timing in the wild. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	63
167	Density dependence, territoriality, and divisibility of resources: from optimality models to population processes. *American Naturalist*, **2003**, 161, 326-36	3.7	61
166	Information Processing by Foragers: Effects of Intra-Patch Experience on the Leaving Tendency of Leptopilina heterotoma. *Journal of Animal Ecology*, **1991**, 60, 93	4.7	61
165	Brominated flame retardants and organochlorines in the European environment using great tit eggs as a biomonitoring tool. *Environment International*, **2009**, 35, 310-7	12.9	60
164	Breeding territory size affects fitness: an experimental study on competition at the individual level. *Journal of Animal Ecology*, **2000**, 69, 1021-1030	4.7	59

163	Testing mechanisms of Bergmann's rule: phenotypic decline but no genetic change in body size in three passerine bird populations. *American Naturalist*, **2011**, 178, 202-13	3.7	58
162	Response of bats to light with different spectra: light-shy and agile bat presence is affected by white and green, but not red light. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	57
161	Heritable circadian period length in a wild bird population. *Proceedings of the Royal Society B: Biological Sciences*, **2010**, 277, 3335-42	4.4	57
160	Spatial and temporal variation in the relative contribution of density dependence, climate variation and migration to fluctuations in the size of great tit populations. *Journal of Animal Ecology*, **2009**, 78, 447-59	4.7	56
159	Stressful colours: corticosterone concentrations in a free-living songbird vary with the spectral composition of experimental illumination. *Biology Letters*, **2015**, 11,	3.6	55
158	Effects of nocturnal illumination on life-history decisions and fitness in two wild songbird species. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370,	5.8	54
157	Estimating the variation, autocorrelation, and environmental sensitivity of phenotypic selection. *Evolution; International Journal of Organic Evolution*, **2015**, 69, 2319-32	3.8	54
156	Demographic routes to variability and regulation in bird populations. *Nature Communications*, **2016**, 7, 12001	17.4	54
155	The Genome of Winter Moth (Operophtera brumata) Provides a Genomic Perspective on Sexual Dimorphism and Phenology. *Genome Biology and Evolution*, **2015**, 7, 2321-32	3.9	53
154	TIME TO EXTINCTION OF BIRD POPULATIONS. *Ecology*, **2005**, 86, 693-700	4.6	53
153	Smelling Out Predators is Innate in Birds. *Ardea*, **2011**, 99, 177-184	0.9	52
152	Long-Term Fitness Effects of Fledging Date in Great Tits. *Oikos*, **1999**, 85, 445	4	51
151	Artificial light at night as a driver of evolution across urban-rural landscapes. *Frontiers in Ecology and the Environment*, **2018**, 16, 472-479	5.5	51
150	Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and eco-evolutionary implications. *New Phytologist*, **2018**, 220, 739-749	9.8	50
149	Genetic variation in cue sensitivity involved in avian timing of reproduction. *Functional Ecology*, **2011**, 25, 868-877	5.6	50
148	Temporal differences in food abundance promote coexistence between two congeneric passerines. *Oecologia*, **2010**, 162, 873-84	2.9	50
147	Replicated analysis of the genetic architecture of quantitative traits in two wild great tit populations. *Molecular Ecology*, **2015**, 24, 6148-62	5.7	48
146	ADAPTIVE DENSITY DEPENDENCE OF AVIAN CLUTCH SIZE. *Ecology*, **2000**, 81, 3391-3403	4.6	48

145	The design and cross-population application of a genome-wide SNP chip for the great tit Parus major. *Molecular Ecology Resources*, **2012**, 12, 753-70	8.4	46
144	Understanding Evolutionary Impacts of Seasonality: An Introduction to the Symposium. *Integrative and Comparative Biology*, **2017**, 57, 921-933	2.8	45
143	Climate change leads to differential shifts in the timing of annual cycle stages in a migratory bird. *Global Change Biology*, **2018**, 24, 823-835	11.4	45
142	Great tits (Parus major) reduce caterpillar damage in commercial apple orchards. *PLoS ONE*, **2007**, 2, e203	3.7	45
141	Timing in a fluctuating environment: environmental variability and asymmetric fitness curves can lead to adaptively mismatched avian reproduction. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 3161-9	4.4	43
140	Introduction. Integration of ecology and endocrinology in avian reproduction: a new synthesis. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2008**, 363, 1581-8	5.8	43
139	Phenological sensitivity to climate change is higher in resident than in migrant bird populations among European cavity breeders. *Global Change Biology*, **2018**, 24, 3780-3790	11.4	40
138	Maternal effects in an insect herbivore as a mechanism to adapt to host plant phenology. *Functional Ecology*, **2010**, 24, 1103-1109	5.6	39
137	Chronobiology of interspecific interactions in a changing world. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	38
136	Meta-analysis of multidecadal biodiversity trends in Europe. *Nature Communications*, **2020**, 11, 3486	17.4	38
135	Replicated high-density genetic maps of two great tit populations reveal fine-scale genomic departures from sex-equal recombination rates. *Heredity*, **2014**, 112, 307-16	3.6	37
134	Individual variation in avian reproductive physiology does not reliably predict variation in laying date. *General and Comparative Endocrinology*, **2012**, 179, 53-62	3	37
133	Why breeding time has not responded to selection for earlier breeding in a songbird population. *Evolution; International Journal of Organic Evolution*, **2006**, 60, 2381-8	3.8	35
132	Density dependence and stochastic variation in a newly established population of a small songbird. *Oikos*, **2002**, 99, 331-337	4	33
131	Testing for effects of climate change on competitive relationships and coexistence between two bird species. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20141958	4.4	32
130	Evidence for r- and K-selection in a wild bird population: a reciprocal link between ecology and evolution. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	32
129	Host dispersal shapes the population structure of a tick-borne bacterial pathogen. *Molecular Ecology*, **2020**, 29, 485-501	5.7	31
128	Effects of experimentally manipulated yolk thyroid hormone levels on offspring development in a wild bird species. *Hormones and Behavior*, **2016**, 81, 38-44	3.7	30

127	Interference among insect parasitoids: a multi-patch experiment. *Journal of Animal Ecology*, **1999**, 68, 108-120	4.7	29
126	The effect of competition on oviposition decisions of Leptopilina heterotoma (Hymenoptera: Eucoilidae). *Animal Behaviour*, **1995**, 49, 1677-1687	2.8	29
125	Indirect Mutual Interference in Parasitoids. *Animal Biology*, **1990**, 41, 214-227		29
124	Multisensory pollution: Artificial light at night and anthropogenic noise have interactive effects on activity patterns of great tits (Parus major). *Environmental Pollution*, **2020**, 256, 113314	9.3	29
123	Spring phenology does not affect timing of reproduction in the great tit (Parus major). *Journal of Experimental Biology*, **2011**, 214, 3664-71	3	27
122	Sleeping birds do not respond to predator odour. *PLoS ONE*, **2011**, 6, e27576	3.7	27
121	Temperature-induced elevation of basal metabolic rate does not affect testis growth in great tits. *Journal of Experimental Biology*, **2009**, 212, 1995-9	3	27
120	The influence of competition between foragers on clutch size decisions in an insect parasitoid with scramble larval competition. *Behavioral Ecology*, **1996**, 7, 109-114	2.3	27
119	A high-density SNP chip for genotyping great tit (Parus major) populations and its application to studying the genetic architecture of exploration behaviour. *Molecular Ecology Resources*, **2018**, 18, 877-891	8.4	25
118	Phenology: Interactions of climate change and species. *Nature*, **2016**, 535, 236-7	50.4	25
117	Dose-response effects of light at night on the reproductive physiology of great tits (Parus major): Integrating morphological analyses with candidate gene expression. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, **2018**, 329, 473-487	1.9	25
116	Early Birds by Light at Night: Effects of Light Color and Intensity on Daily Activity Patterns in Blue Tits. *Journal of Biological Rhythms*, **2017**, 32, 323-333	3.2	25
115	Geographical variation in egg mass and egg content in a passerine bird. *PLoS ONE*, **2011**, 6, e25360	3.7	25
114	Artificial Light at Night Reduces Daily Energy Expenditure in Breeding Great Tits (Parus major). *Frontiers in Ecology and Evolution*, **2017**, 5,	3.7	24
113	Environment-Dependent Genotype-Phenotype Associations in Avian Breeding Time. *Frontiers in Genetics*, **2017**, 8, 102	4.5	24
112	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 31969-31978	11.5	24
111	The preference and costs of sleeping under light at night in forest and urban great tits. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20190872	4.4	23
110	Seasonal Variation in Genome-Wide DNA Methylation Patterns and the Onset of Seasonal Timing of Reproduction in Great Tits. *Genome Biology and Evolution*, **2019**, 11, 970-983	3.9	23

109	Effects of temperature on circadian clock and chronotype: an experimental study on a passerine bird. *Chronobiology International*, **2012**, 29, 1062-71	3.6	23
108	Genomic selection on breeding time in a wild bird population. *Evolution Letters*, **2019**, 3, 142-151	5.3	22
107	How to do meta-analysis of open datasets. *Nature Ecology and Evolution*, **2018**, 2, 1053-1056	12.3	22
106	Large-scale geographical variation in eggshell metal and calcium content in a passerine bird (Ficedula hypoleuca). *Environmental Science and Pollution Research*, **2014**, 21, 3304-17	5.1	22
105	Possible fitness consequences of experimentally advanced laying dates in Great Tits: differences between populations in different habitats. *Functional Ecology*, **2006**, 20, 180-185	5.6	22
104	The Ability To Distinguish Between Hosts Containing Different Numbers of Parasitoid Eggs By the Solitary Parasitoid Leptopilina Heterotoma (Thomson) (Hym., Cynip.). *Animal Biology*, **1989**, 40, 514-520		22
103	Experimental illumination of a forest: no effects of lights of different colours on the onset of the dawn chorus in songbirds. *Royal Society Open Science*, **2017**, 4, 160638	3.3	21
102	Navigating the unfolding open data landscape in ecology and evolution. *Nature Ecology and Evolution*, **2018**, 2, 420-426	12.3	21
101	Climate change, phenological shifts, eco-evolutionary responses and population viability: toward a unifying predictive approach. *International Journal of Biometeorology*, **2011**, 55, 905-19	3.7	21
100	Central assumptions of predator-prey models fail in a semi-natural experimental system. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271 Suppl 3, S85-7	4.4	21
99	Do Wild Great Tits Avoid Exposure to Light at Night?. *PLoS ONE*, **2016**, 11, e0157357	3.7	21
98	Artificial light at night shifts daily activity patterns but not the internal clock in the great tit (). *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	19
97	Environmental coupling of heritability and selection is rare and of minor evolutionary significance in wild populations. *Nature Ecology and Evolution*, **2018**, 2, 1093-1103	12.3	19
96	Phenological mismatch drives selection on elevation, but not on slope, of breeding time plasticity in a wild songbird. *Evolution; International Journal of Organic Evolution*, **2019**, 73, 175-187	3.8	19
95	Simulated moult reduces flight performance but overlap with breeding does not affect breeding success in a long-distance migrant. *Functional Ecology*, **2018**, 32, 389-401	5.6	18
94	Climate change relaxes the time constraints for late-born offspring in a long-distance migrant. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	18
93	Experimental manipulation of food availability leads to short-term intra-clutch adjustment in egg mass but not in yolk androgen or thyroid hormones. *Journal of Avian Biology*, **2016**, 47, 36-46	1.9	18
92	Longitudinal data reveal ontogenetic changes in the wing morphology of a long-distance migratory bird. *Ibis*, **2014**, 156, 209-214	1.9	18

91	Experimental light at night has a negative long-term impact on macro-moth populations. *Current Biology*, **2020**, 30, R694-R695	6.3	17
90	Temperature-induced variation in yolk androgen and thyroid hormone levels in avian eggs. *General and Comparative Endocrinology*, **2016**, 235, 29-37	3	17
89	Forms of density regulation and (quasi-) stationary distributions of population sizes in birds. *Oikos*, **2008**, 117, 1197-1208	4	17
88	Density dependence in an age-structured population of great tits: identifying the critical age classes. *Ecology*, **2016**, 97, 2479-2490	4.6	17
87	Density dependence and microevolution interactively determine effects of phenology mismatch on population dynamics. *Oikos*, **2015**, 124, 81-91	4	16
86	Is microevolution the only emergency exit in a warming world? Temperature influences egg laying but not its underlying mechanisms in great tits. *General and Comparative Endocrinology*, **2013**, 190, 164-9	3	16
85	Variation in eggshell traits between geographically distant populations of pied flycatchers Ficedula hypoleuca. *Journal of Avian Biology*, **2013**, 44, 111-120	1.9	16
84	Consequences of dispersal for the quantitative study of adaptation in small-scale plots: a case study of an avian island population. *Ecography*, **2000**, 23, 525-530	6.5	16
83	Genetic variation in variability: Phenotypic variability of fledging weight and its evolution in a songbird population. *Evolution; International Journal of Organic Evolution*, **2016**, 70, 2004-16	3.8	16
82	Mismatched reproduction is energetically costly for chick feeding female great tits. *Functional Ecology*, **2011**, 25, 1302-1308	5.6	15
81	Are naïve birds attracted to herbivore-induced plant defences?. *Behaviour*, **2016**, 153, 353-366	1.4	14
80	Feather mass and winter moult extent are heritable but not associated with fitness-related traits in a long-distance migratory bird. *Evolutionary Ecology*, **2013**, 27, 1199-1216	1.8	14
79	Artificial light at night, in interaction with spring temperature, modulates timing of reproduction in a passerine bird. *Ecological Applications*, **2020**, 30, e02062	4.9	14
78	Heritable variation in maternally derived yolk androgens, thyroid hormones and immune factors. *Heredity*, **2016**, 117, 184-90	3.6	14
77	Geographical trends in the yolk carotenoid composition of the pied flycatcher (Ficedula hypoleuca). *Oecologia*, **2011**, 165, 277-87	2.9	13
76	Low but contrasting neutral genetic differentiation shaped by winter temperature in European great tits. *Biological Journal of the Linnean Society*, **2016**, 118, 668-685	1.9	13
75	Exploration of tissue-specific gene expression patterns underlying timing of breeding in contrasting temperature environments in a song bird. *BMC Genomics*, **2019**, 20, 693	4.5	12
74	Modeling winter moth Operophtera brumata egg phenology: nonlinear effects of temperature and developmental stage on developmental rate. *Oikos*, **2016**, 125, 1772-1781	4	12

73	Energy expenditure during egg laying is equal for early and late breeding free-living female great tits. *Oecologia*, **2012**, 168, 631-8	2.9	12
72	Synchronisation of egg hatching of brown hairstreak (Thecla betulae) and budburst of blackthorn (Prunus spinosa) in a warmer future. *Journal of Insect Conservation*, **2011**, 15, 311-319	2.1	12
71	Similar patterns of age-specific reproduction in an island and mainland population of great tits Parus major. *Journal of Avian Biology*, **2010**, 41, 615-620	1.9	12
70	The Influence of Competition between Foragers on Clutch Size Decisions in Insect Parasitoids. *Biological Control*, **1998**, 11, 169-174	3.8	12
69	Exploring the unmapped DNA and RNA reads in a songbird genome. *BMC Genomics*, **2019**, 20, 19	4.5	12
68	Prey Selection By Predators Depleting a Patch; an Ess Model. *Animal Biology*, **1990**, 41, 63-80		11
67	Testing for biases in selection on avian reproductive traits and partitioning direct and indirect selection using quantitative genetic models. *Evolution; International Journal of Organic Evolution*, **2016**, 70, 2211-2225	3.8	11
66	No effect of artificial light of different colors on commuting Daubenton‘s bats (Myotis daubentonii) in a choice experiment. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology* , **2018**, 329, 506-510	1.9	11
65	Early arrival is not associated with more extra-pair fertilizations in a long-distance migratory bird. *Journal of Avian Biology*, **2017**, 48, 854-861	1.9	10
64	Genetic and phenotypic responses to genomic selection for timing of breeding in a wild songbird. *Functional Ecology*, **2019**, 33, 1708-1721	5.6	10
63	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al. *Trends in Ecology and Evolution*, **2016**, 31, 85-87	10.9	10
62	Mate preference of female blue tits varies with experimental photoperiod. *PLoS ONE*, **2014**, 9, e92527	3.7	10
61	A single long day triggers follicle growth in captive female great tits (Parus major) in winter but does not affect laying dates in the wild in spring. *PLoS ONE*, **2012**, 7, e35617	3.7	10
60	Temporally replicated DNA methylation patterns in great tit using reduced representation bisulfite sequencing. *Scientific Data*, **2019**, 6, 136	8.2	9
59	Components of Parasitoid Interference. *Oikos*, **1997**, 79, 179	4	9
58	Analysing population numbers of the house sparrow in the Netherlands with a matrix model and suggestions for conservation measures. *Acta Biotheoretica*, **2006**, 54, 161-78	1.1	9
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