

Ben C Sheldon

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279
papers

23,282
citations

82
h-index

145
g-index

297
ext. papers

26,011
ext. citations

7.4
avg, IF

7.19
L-index

#	Paper	IF	Citations
279	Ecological immunology: costly parasite defences and trade-offs in evolutionary ecology. <i>Trends in Ecology and Evolution</i> , 1996 , 11, 317-21	10.9	1918
278	Adaptive phenotypic plasticity in response to climate change in a wild bird population. <i>Science</i> , 2008 , 320, 800-3	33.3	849
277	Differential allocation: tests, mechanisms and implications. <i>Trends in Ecology and Evolution</i> , 2000 , 15, 397-402	10.9	566
276	Individuals and populations: the role of long-term, individual-based studies of animals in ecology and evolutionary biology. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 562-73	10.9	560
275	Experimentally induced innovations lead to persistent culture via conformity in wild birds. <i>Nature</i> , 2015 , 518, 538-41	50.4	468
274	Constraints in the evolution of sex ratio adjustment. <i>Science</i> , 2002 , 295, 1685-8	33.3	378
273	Ultraviolet colour variation influences blue tit sex ratios. <i>Nature</i> , 1999 , 402, 874-877	50.4	365
272	Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas. <i>Heredity</i> , 1999 , 83 (Pt 2), 103-9	3.6	356
271	Maternal dominance, maternal condition, and offspring sex ratio in ungulate mammals. <i>American Naturalist</i> , 2004 , 163, 40-54	3.7	339
270	A quantitative review of heterozygosity-fitness correlations in animal populations. <i>Molecular Ecology</i> , 2009 , 18, 2746-65	5.7	329
269	Explaining stasis: microevolutionary studies in natural populations. <i>Genetica</i> , 2001 , 112/113, 199-222	1.5	321
268	Microsatellite 'evolution': directionality or bias?. <i>Nature Genetics</i> , 1995 , 11, 360-2	36.3	319
267	Sex ratio adjustment in relation to paternal attractiveness in a wild bird population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 11723-8	11.5	308
266	Trade-offs between life-history traits and a secondary sexual character in male collared flycatchers. <i>Nature</i> , 1995 , 375, 311-313	50.4	294
265	Male phenotype, fertility, and the pursuit of extra-pair copulations by female birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1994 , 257, 25-30	4.4	289
264	Sexually antagonistic genetic variation for fitness in red deer. <i>Nature</i> , 2007 , 447, 1107-10	50.4	284
263	Genetic basis of fitness differences in natural populations. <i>Nature</i> , 2008 , 452, 169-75	50.4	273

262	Senescence rates are determined by ranking on the fast-slow life-history continuum. <i>Ecology Letters</i> , 2008 , 11, 664-73	10	268
261	The misuse of BLUP in ecology and evolution. <i>American Naturalist</i> , 2010 , 175, 116-25	3.7	266
260	Evolution driven by differential dispersal within a wild bird population. <i>Nature</i> , 2005 , 433, 60-5	50.4	247
259	Climatic effects on breeding and morphology: evidence for phenotypic plasticity. <i>Journal of Animal Ecology</i> , 2000 , 69, 395-403	4.7	246
258	Hybridization and adaptive mate choice in flycatchers. <i>Nature</i> , 2001 , 411, 45-50	50.4	238
257	Recent studies of avian sex ratios. <i>Heredity</i> , 1998 , 80, 397-402	3.6	231
256	Overlapping community detection using Bayesian non-negative matrix factorization. <i>Physical Review E</i> , 2011 , 83, 066114	2.4	227
255	Social networks predict patch discovery in a wild population of songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 4199-205	4.4	227
254	Individual personalities predict social behaviour in wild networks of great tits (<i>Parus major</i>). <i>Ecology Letters</i> , 2013 , 16, 1365-72	10	221
253	Natural selection and inheritance of breeding time and clutch size in the collared flycatcher. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 406-20	3.8	216
252	Cryptic evolution in a wild bird population. <i>Nature</i> , 2001 , 412, 76-9	50.4	212
251	Paternal genetic contribution to offspring condition predicted by size of male secondary sexual character. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997 , 264, 297-302	4.4	210
250	Sexual selection resulting from extrapair paternity in collared flycatchers. <i>Animal Behaviour</i> , 1999 , 57, 285-298	2.8	199
249	Precipitation drives global variation in natural selection. <i>Science</i> , 2017 , 355, 959-962	33.3	187
248	Phenotypic selection on a heritable size trait revisited. <i>American Naturalist</i> , 2001 , 158, 557-71	3.7	187
247	Adaptive plasticity in mate preference linked to differences in reproductive effort. <i>Nature</i> , 2000 , 405, 344-7	50.4	184
246	Chronic malaria infections increase family inequalities and reduce parental fitness: experimental evidence from a wild bird population. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 557-69	2.3	171
245	Components of variance underlying fitness in a natural population of the great tit <i>Parus major</i> . <i>American Naturalist</i> , 2004 , 164, E62-72	3.7	166

244	Sex chromosome evolution and speciation in Ficedula flycatchers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 53-9	4.4	166
243	Within-population variation in prevalence and lineage distribution of avian malaria in blue tits, <i>Cyanistes caeruleus</i> . <i>Molecular Ecology</i> , 2007 , 16, 3263-73	5.7	161
242	Elevated reproductive effort increases blood parasitaemia and decreases immune function in birds: a meta-regression approach. <i>Functional Ecology</i> , 2009 , 23, 405-415	5.6	152
241	Severe inbreeding depression in collared flycatchers (<i>Ficedula albicollis</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 1581-9	4.4	152
240	Individual-level personality influences social foraging and collective behaviour in wild birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20141016	4.4	145
239	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019 , 10, 3109	17.4	141
238	Heterogeneous selection on a heritable temperament trait in a variable environment. <i>Journal of Animal Ecology</i> , 2009 , 78, 1203-15	4.7	139
237	Great tits growing old: selective disappearance and the partitioning of senescence to stages within the breeding cycle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 2769-77	4.4	134
236	Association between DRD4 gene polymorphism and personality variation in great tits: a test across four wild populations. <i>Molecular Ecology</i> , 2010 , 19, 832-43	5.7	133
235	Contrasting patterns of phenotypic plasticity in reproductive traits in two great tit (<i>Parus major</i>) populations. <i>Evolution; International Journal of Organic Evolution</i> , 2010 , 64, 2221-37	3.8	131
234	Microsatellite evolution--a reciprocal study of repeat lengths at homologous loci in cattle and sheep. <i>Molecular Biology and Evolution</i> , 1997 , 14, 854-60	8.3	128
233	NATURAL SELECTION AND GENETIC VARIATION FOR REPRODUCTIVE REACTION NORMS IN A WILD BIRD POPULATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 1362-1371	3.8	128
232	Natural selection on the genetical component of variance in body condition in a wild bird population. <i>Journal of Evolutionary Biology</i> , 2001 , 14, 918-929	2.3	128
231	Relating paternity to paternal care. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002 , 357, 341-50	5.8	128
230	Seasonal variation in Plasmodium prevalence in a population of blue tits <i>Cyanistes caeruleus</i> . <i>Journal of Animal Ecology</i> , 2008 , 77, 540-8	4.7	126
229	Evolutionary signals of selection on cognition from the great tit genome and methylome. <i>Nature Communications</i> , 2016 , 7, 10474	17.4	125
228	Evolution. The benefits of allocating sex. <i>Science</i> , 2000 , 290, 288-90	33.3	123
227	Quantitative genetics of age at reproduction in wild swans: support for antagonistic pleiotropy models of senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 6587-92	11.5	122

226	New tools for sex identification and the study of sex allocation in birds. <i>Trends in Ecology and Evolution</i> , 1997 , 12, 255-9	10.9	119
225	Quantitative assessment of the importance of phenotypic plasticity in adaptation to climate change in wild bird populations. <i>PLoS Biology</i> , 2013 , 11, e1001605	9.7	117
224	Sex ratios. <i>Heredity</i> , 2002 , 88, 117-24	3.6	115
223	Interspecific social networks promote information transmission in wild songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142804	4.4	114
222	Habitat quality, nestling diet, and provisioning behaviour in great tits <i>Parus major</i> . <i>Journal of Avian Biology</i> , 2009 , 40, 135-145	1.9	114
221	Seasonal changes in a ultraviolet structural colour signal in blue tits, <i>Parus caeruleus</i> . <i>Biological Journal of the Linnean Society</i> , 2002 , 76, 237-245	1.9	114
220	Fitness effects of endemic malaria infections in a wild bird population: the importance of ecological structure. <i>Journal of Animal Ecology</i> , 2011 , 80, 1196-206	4.7	113
219	Dispersal as a means of inbreeding avoidance in a wild bird population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 703-11	4.4	111
218	Age-specific reproduction in a long-lived species: the combined effects of senescence and individual quality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 963-70	4.4	111
217	Why do male birds not discriminate between their own and extra-pair offspring?. <i>Animal Behaviour</i> , 1996 , 51, 1165-1173	2.8	109
216	The Challenges of Integrating Oxidative Stress into Life-history Biology. <i>BioScience</i> , 2011 , 61, 194-202	5.7	107
215	Correlations between ultraviolet coloration, overwinter survival and offspring sex ratio in the blue tit. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 1045-54	2.3	107
214	GENDER AND ENVIRONMENTAL SENSITIVITY IN NESTLING COLLARED FLYCATCHERS. <i>Ecology</i> , 1998 , 79, 1939-1948	4.6	107
213	Milk bottles revisited: social learning and individual variation in the blue tit, <i>Cyanistes caeruleus</i> . <i>Animal Behaviour</i> , 2013 , 85, 1225-1232	2.8	106
212	SEX-RATIO ADJUSTMENT WHEN RELATIVES INTERACT: A TEST OF CONSTRAINTS ON ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005 , 59, 1211-1228	3.8	106
211	Inferring social network structure in ecological systems from spatio-temporal data streams. <i>Journal of the Royal Society Interface</i> , 2012 , 9, 3055-66	4.1	105
210	Evolution in a changing environment: a case study with great tit fledging mass. <i>American Naturalist</i> , 2004 , 164, E115-29	3.7	104
209	Molecular epidemiology of malaria prevalence and parasitaemia in a wild bird population. <i>Molecular Ecology</i> , 2011 , 20, 1062-76	5.7	103

208	Experimental analysis of sperm competition mechanisms in a wild bird population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 5466-70	11.5	102
207	Recent natural selection causes adaptive evolution of an avian polygenic trait. <i>Science</i> , 2017 , 358, 365-368	9.3	101
206	The forms and fitness cost of senescence: age-specific recapture, survival, reproduction, and reproductive value in a wild bird population. <i>American Naturalist</i> , 2012 , 179, E15-27	3.7	94
205	Density effects on life-history traits in a wild population of the great tit <i>Parus major</i> : analyses of long-term data with GIS techniques. <i>Journal of Animal Ecology</i> , 2006 , 75, 604-15	4.7	94
204	Consistent individual differences in the social phenotypes of wild great tits,. <i>Animal Behaviour</i> , 2015 , 108, 117-127	2.8	93
203	Speciation, introgressive hybridization and nonlinear rate of molecular evolution in flycatchers. <i>Molecular Ecology</i> , 2001 , 10, 737-49	5.7	89
202	Social network analysis of mixed-species flocks: exploring the structure and evolution of interspecific social behaviour. <i>Animal Behaviour</i> , 2012 , 84, 1271-1277	2.8	88
201	Age-dependent genetic variance in a life-history trait in the mute swan. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 225-32	4.4	88
200	Avian haematozoan parasites and their associations with mosquitoes across Southwest Pacific Islands. <i>Molecular Ecology</i> , 2008 , 17, 4545-55	5.7	85
199	Individual variation in rates of senescence: natal origin effects and disposable soma in a wild bird population. <i>Journal of Animal Ecology</i> , 2010 , 79, 1251-61	4.7	84
198	The Cost of Reproduction and Sexual Selection. <i>Oikos</i> , 1998 , 83, 478	4	82
197	Phenotypic correlates of Clock gene variation in a wild blue tit population: evidence for a role in seasonal timing of reproduction. <i>Molecular Ecology</i> , 2009 , 18, 2444-56	5.7	80
196	Inbreeding depression along a life-history continuum in the great tit. <i>Journal of Evolutionary Biology</i> , 2007 , 20, 1531-43	2.3	80
195	Genomic dissection of variation in clutch size and egg mass in a wild great tit (<i>Parus major</i>) population. <i>Molecular Ecology</i> , 2013 , 22, 3949-62	5.7	78
194	Characterization and 454 pyrosequencing of major histocompatibility complex class I genes in the great tit reveal complexity in a passerine system. <i>BMC Evolutionary Biology</i> , 2012 , 12, 68	3	78
193	Site-occupancy modelling as a novel framework for assessing test sensitivity and estimating wildlife disease prevalence from imperfect diagnostic tests. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 339-348	7.7	77
192	Sex differences in the persistence of natal environmental effects on life histories. <i>Current Biology</i> , 2009 , 19, 1998-2002	6.3	77
191	When environmental variation short-circuits natural selection. <i>Trends in Ecology and Evolution</i> , 2003 , 18, 207-209	10.9	76

190	Cooperative breeders adjust offspring sex ratios to produce helpful helpers. <i>American Naturalist</i> , 2005 , 166, 628-32	3.7	72
189	Paternal effort related to experimentally manipulated paternity of male collared flycatchers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1737-1742	4.4	72
188	CLIMATIC AND TEMPORAL EFFECTS ON THE EXPRESSION OF SECONDARY SEXUAL CHARACTERS: GENETIC AND ENVIRONMENTAL COMPONENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 634-644	3.8	71
187	Infection dynamics of endemic malaria in a wild bird population: parasite species-dependent drivers of spatial and temporal variation in transmission rates. <i>Journal of Animal Ecology</i> , 2011 , 80, 1207-16	4.7	70
186	The effects of environmental heterogeneity on multivariate selection on reproductive traits in female great tits. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 61, 1546-59	3.8	69
185	Sperm competition in the chaffinch: the role of the female. <i>Animal Behaviour</i> , 1994 , 47, 163-173	2.8	69
184	Tritrophic phenological match-mismatch in space and time. <i>Nature Ecology and Evolution</i> , 2018 , 2, 970-975.3	5.3	68
183	Trans-generational effects on ageing in a wild bird population. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 636-42	2.3	68
182	A comparative study of sperm-egg interactions in birds. <i>Reproduction</i> , 1994 , 101, 353-61	3.8	68
181	Trading up: the fitness consequences of divorce in monogamous birds. <i>Biological Reviews</i> , 2015 , 90, 1015-34	5.34	67
180	Inferring social structure from temporal data. <i>Behavioral Ecology and Sociobiology</i> , 2015 , 69, 857-866	2.5	64
179	Mhc supertypes confer both qualitative and quantitative resistance to avian malaria infections in a wild bird population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20130134	4.4	64
178	Interspecific patterns of genetic diversity in birds: correlations with extinction risk. <i>Conservation Biology</i> , 2008 , 22, 1016-25	6	64
177	Partitioning of genetic variation across the genome using multimarker methods in a wild bird population. <i>Molecular Ecology</i> , 2013 , 22, 3963-80	5.7	61
176	Stability of genetic variance and covariance for reproductive characters in the face of climate change in a wild bird population. <i>Molecular Ecology</i> , 2008 , 17, 179-88	5.7	61
175	Offspring sex and paternity in the collared flycatcher. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996 , 263, 1017-1021	4.4	61
174	The role of social and ecological processes in structuring animal populations: a case study from automated tracking of wild birds. <i>Royal Society Open Science</i> , 2015 , 2, 150057	3.3	59
173	Phenotypic plasticity in the expression of sexually selected traits: neglected components of variation. <i>Animal Behaviour</i> , 2001 , 61, 987-993	2.8	59

172	Selection for territory acquisition is modulated by social network structure in a wild songbird. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 547-56	2.3	58
171	Variation of adult Great Tit <i>Parus major</i> body condition and blood parameters in relation to sex, age, year and season. <i>Journal of Ornithology</i> , 2009 , 150, 651	1.5	58
170	Testis size variation in the greenfinch <i>Carduelis chloris</i> : relevance for some recent models of sexual selection. <i>Behavioral Ecology and Sociobiology</i> , 1999 , 45, 115-123	2.5	58
169	Explaining variance of avian malaria infection in the wild: the importance of host density, habitat, individual life-history and oxidative stress. <i>BMC Ecology</i> , 2013 , 13, 15	2.7	57
168	Characterisation of the transcriptome of a wild great tit <i>Parus major</i> population by next generation sequencing. <i>BMC Genomics</i> , 2011 , 12, 283	4.5	57
167	Antagonistic natural selection revealed by molecular sex identification of nestling collared flycatchers. <i>Molecular Ecology</i> , 1997 , 6, 1167-1175	5.7	57
166	Evolutionary response to selection on clutch size in a long-term study of the mute swan. <i>American Naturalist</i> , 2006 , 167, 453-65	3.7	57
165	Collective decision making and social interaction rules in mixed-species flocks of songbirds. <i>Animal Behaviour</i> , 2014 , 95, 173-182	2.8	56
164	Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas		56
163	Experimental Evidence that Social Relationships Determine Individual Foraging Behavior. <i>Current Biology</i> , 2015 , 25, 3138-43	6.3	55
162	Scale and state dependence of the relationship between personality and dispersal in a great tit population. <i>Journal of Animal Ecology</i> , 2011 , 80, 918-28	4.7	55
161	Environmental sensitivity in relation to size and sex in birds: meta-regression analysis. <i>American Naturalist</i> , 2009 , 174, 122-33	3.7	55
160	Promiscuity, paternity and personality in the great tit. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 1724-30	4.4	55
159	Certainty of paternity and paternal effort in the collared flycatcher. <i>Behavioral Ecology</i> , 1997 , 8, 421-428	2.3	55
158	Sire coloration influences offspring survival under predation risk in the moorfrog. <i>Journal of Evolutionary Biology</i> , 2003 , 16, 1288-95	2.3	55
157	Biogeographical patterns of blood parasite lineage diversity in avian hosts from southern Melanesian islands. <i>Journal of Biogeography</i> , 2009 , 37, 120-132	4.1	52
156	Divergent patterns of age-dependence in ornamental and reproductive traits in the collared flycatcher. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 1623-36	3.8	51
155	Conformity does not perpetuate suboptimal traditions in a wild population of songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 7830-7837	11.5	51

154	Social carry-over effects underpin trans-seasonally linked structure in a wild bird population. <i>Ecology Letters</i> , 2016 , 19, 1324-1332	10	50
153	Temporal differences in food abundance promote coexistence between two congeneric passerines. <i>Oecologia</i> , 2010 , 162, 873-84	2.9	50
152	Copulation behavior and paternity in the chaffinch. <i>Behavioral Ecology and Sociobiology</i> , 1994 , 34, 149-156	5	50
151	Replicated analysis of the genetic architecture of quantitative traits in two wild great tit populations. <i>Molecular Ecology</i> , 2015 , 24, 6148-62	5.7	48
150	Scale-dependent phenological synchrony between songbirds and their caterpillar food source. <i>American Naturalist</i> , 2015 , 186, 84-97	3.7	48
149	Long-term familiarity promotes joining in neighbour nest defence. <i>Biology Letters</i> , 2012 , 8, 544-6	3.6	48
148	The design and cross-population application of a genome-wide SNP chip for the great tit <i>Parus major</i> . <i>Molecular Ecology Resources</i> , 2012 , 12, 753-70	8.4	46
147	Inbreeding avoidance under different null models of random mating in the great tit. <i>Journal of Animal Ecology</i> , 2009 , 78, 778-88	4.7	46
146	Personality and basal metabolic rate in a wild bird population. <i>Oikos</i> , 2014 , 123, 56-62	4	45
145	The use of GIS in estimating spatial variation in habitat quality: a case study of lay-date in the Great Tit <i>Parus major</i> . <i>Ibis</i> , 2007 , 149, 110-118	1.9	45
144	The Social Context of Life History Evolution. <i>Oikos</i> , 1998 , 83, 466	4	43
143	Genetic variation and natural selection on blue tit body condition in different environments. <i>Genetical Research</i> , 1999 , 73, 165-176	1.1	43
142	Calcium effects on life-history traits in a wild population of the great tit (<i>Parus major</i>): analysis of long-term data at several spatial scales. <i>Oecologia</i> , 2009 , 159, 463-72	2.9	42
141	Wild birds respond to flockmate loss by increasing their social network associations to others. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	41
140	Fine-scale genetic structure in a wild bird population: the role of limited dispersal and environmentally based selection as causal factors. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 3488-500	3.8	41
139	Experimental manipulation of avian social structure reveals segregation is carried over across contexts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	40
138	Emergence of a novel avian pox disease in British tit species. <i>PLoS ONE</i> , 2012 , 7, e40176	3.7	40
137	Mhc-linked survival and lifetime reproductive success in a wild population of great tits. <i>Molecular Ecology</i> , 2013 , 22, 384-96	5.7	39

136	Quantitative genetics of a carotenoid-based color: heritability and persistent natal environmental effects in the great tit. <i>American Naturalist</i> , 2012 , 179, 79-94	3.7	39
135	Environmental stability and the evolution of cooperative breeding in hornbills. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131297	4.4	39
134	Using cross-classified multivariate mixed response models with application to life history traits in great tits (<i>Parus major</i>). <i>Statistical Modelling</i> , 2007 , 7, 217-238	0.7	39
133	Effects of neighbor familiarity on reproductive success in the great tit (<i>Parus major</i>). <i>Behavioral Ecology</i> , 2012 , 23, 322-333	2.3	38
132	Pathways of information transmission among wild songbirds follow experimentally imposed changes in social foraging structure. <i>Biology Letters</i> , 2016 , 12,	3.6	37
131	Replicated high-density genetic maps of two great tit populations reveal fine-scale genomic departures from sex-equal recombination rates. <i>Heredity</i> , 2014 , 112, 307-16	3.6	37
130	The shifting phenological landscape: Within- and between-species variation in leaf emergence in a mixed-deciduous woodland. <i>Ecology and Evolution</i> , 2017 , 7, 1135-1147	2.8	36
129	Age, sex and beauty: methodological dependence of age- and sex-dichromatism in the great tit <i>Parus major</i> . <i>Biological Journal of the Linnean Society</i> , 2010 , 101, 777-796	1.9	35
128	Ecology. The Seven Ages of Pan. <i>Science</i> , 2010 , 327, 1207-8	33.3	35
127	The influence of nonrandom extra-pair paternity on heritability estimates derived from wild pedigrees. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 1336-44	3.8	33
126	Basal metabolic rate and the rate of senescence in the great tit. <i>Functional Ecology</i> , 2011 , 25, 829-838	5.6	33
125	Low variability and absence of phenotypic correlates of Clock gene variation in a great tit <i>Parus major</i> population. <i>Journal of Avian Biology</i> , 2010 , 41, 543-550	1.9	33
124	Testing genetic models of mate choice evolution in the wild. <i>Trends in Ecology and Evolution</i> , 2006 , 21, 417-9	10.9	33
123	Testing for effects of climate change on competitive relationships and coexistence between two bird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20141958	4.4	32
122	Locus-specific protocol for nine different innate immune genes (antimicrobial peptides: Defensins) across passerine bird species reveals within-species coding variation and a case of trans-species polymorphisms. <i>Molecular Ecology Resources</i> , 2011 , 11, 686-92	8.4	32
121	Plumage brightness in relation to haematozoan infections in the greenfinch <i>Carduelis chloris</i> : Bright males are a good bet. <i>Ecoscience</i> , 1999 , 6, 12-18	1.1	32
120	The evolution of labile traits in sex- and age-structured populations. <i>Journal of Animal Ecology</i> , 2016 , 85, 329-42	4.7	32
119	Predicting bird phenology from space: satellite-derived vegetation green-up signal uncovers spatial variation in phenological synchrony between birds and their environment. <i>Ecology and Evolution</i> , 2015 , 5, 5057-74	2.8	31

118	Integrating candidate gene and quantitative genetic approaches to understand variation in timing of breeding in wild tit populations. <i>Journal of Evolutionary Biology</i> , 2012 , 25, 813-23	2.3	30
117	The environmental dependence of inbreeding depression in a wild bird population. <i>PLoS ONE</i> , 2007 , 2, e1027	3.7	30
116	Counting conformity: evaluating the units of information in frequency-dependent social learning. <i>Animal Behaviour</i> , 2015 , 110, e5-e8	2.8	29
115	Data depth, data completeness, and their influence on quantitative genetic estimation in two contrasting bird populations. <i>Journal of Evolutionary Biology</i> , 2006 , 19, 994-1002	2.3	29
114	Environmental and genetic variation in body condition and blood profile of great tit <i>Parus major</i> nestlings. <i>Journal of Avian Biology</i> , 2009 , 40, 157-165	1.9	28
113	Context-dependent effects of parental effort on malaria infection in a wild bird population, and their role in reproductive trade-offs. <i>Oecologia</i> , 2010 , 164, 87-97	2.9	28
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