

Ben C Sheldon

List of Publications by Year in descending order

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Version: 2024-02-01

284
papers

28,304
citations

4388

86
h-index

6653

156
g-index

298
all docs

298
docs citations

298
times ranked

16787
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Ecological immunology: costly parasite defences and trade-offs in evolutionary ecology. <i>Trends in Ecology and Evolution</i> , 1996, 11, 317-321. | 8.7 | 2,188 |
| 2 | Adaptive Phenotypic Plasticity in Response to Climate Change in a Wild Bird Population. <i>Science</i> , 2008, 320, 800-803. | 12.6 | 1,057 |
| 3 | 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, 562-573. | 8.7 | 712 |
| 4 | Differential allocation: tests, mechanisms and implications. <i>Trends in Ecology and Evolution</i> , 2000, 15, 397-402. | 8.7 | 623 |
| 5 | Experimentally induced innovations lead to persistent culture via conformity in wild birds. <i>Nature</i> , 2015, 518, 538-541. | 27.8 | 597 |
| 6 | Constraints in the Evolution of Sex Ratio Adjustment. <i>Science</i> , 2002, 295, 1685-1688. | 12.6 | 429 |
| 7 | Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas. <i>Heredity</i> , 1999, 83, 103-109. | 2.6 | 406 |
| 8 | Maternal Dominance, Maternal Condition, and Offspring Sex Ratio in Ungulate Mammals. <i>American Naturalist</i> , 2004, 163, 40-54. | 2.1 | 406 |
| 9 | Ultraviolet colour variation influences blue tit sex ratios. <i>Nature</i> , 1999, 402, 874-877. | 27.8 | 388 |
| 10 | Explaining stasis: microevolutionary studies in natural populations. <i>Genetica</i> , 2001, 112/113, 199-222. | 1.1 | 388 |
| 11 | A quantitative review of heterozygosityâ€™fitness correlations in animal populations. <i>Molecular Ecology</i> , 2009, 18, 2746-2765. | 3.9 | 374 |
| 12 | 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, 11723-11728. | 7.1 | 356 |
| 13 | 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. | 2.6 | 349 |
| 14 | Microsatellite â€™evolutionâ€™™: directionality or bias?. <i>Nature Genetics</i> , 1995, 11, 360-362. | 21.4 | 342 |
| 15 | The Misuse of BLUP in Ecology and Evolution. <i>American Naturalist</i> , 2010, 175, 116-125. | 2.1 | 342 |
| 16 | Sexually antagonistic genetic variation for fitness in red deer. <i>Nature</i> , 2007, 447, 1107-1110. | 27.8 | 336 |
| 17 | Senescence rates are determined by ranking on the fastâ€™slow lifeâ€™history continuum. <i>Ecology Letters</i> , 2008, 11, 664-673. | 6.4 | 317 |
| 18 | Trade-offs between life-history traits and a secondary sexual character in male collared flycatchers. <i>Nature</i> , 1995, 375, 311-313. | 27.8 | 316 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Genetic basis of fitness differences in natural populations. <i>Nature</i> , 2008, 452, 169-175. | 27.8 | 304 |
| 20 | Overlapping community detection using Bayesian non-negative matrix factorization. <i>Physical Review E</i> , 2011, 83, 066114. | 2.1 | 300 |
| 21 | Individual personalities predict social behaviour in wild networks of great tits (<i>Parus major</i>). <i>Ecology Letters</i> , 2013, 16, 1365-1372. | 6.4 | 287 |
| 22 | Social networks predict patch discovery in a wild population of songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4199-4205. | 2.6 | 285 |
| 23 | Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019, 10, 3109. | 12.8 | 285 |
| 24 | Recent studies of avian sex ratios. <i>Heredity</i> , 1998, 80, 397-402. | 2.6 | 274 |
| 25 | Evolution driven by differential dispersal within a wild bird population. <i>Nature</i> , 2005, 433, 60-65. | 27.8 | 272 |
| 26 | Climatic effects on breeding and morphology: evidence for phenotypic plasticity. <i>Journal of Animal Ecology</i> , 2000, 69, 395-403. | 2.8 | 269 |
| 27 | Precipitation drives global variation in natural selection. <i>Science</i> , 2017, 355, 959-962. | 12.6 | 267 |
| 28 | Hybridization and adaptive mate choice in flycatchers. <i>Nature</i> , 2001, 411, 45-50. | 27.8 | 264 |
| 29 | 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. | 2.6 | 251 |
| 30 | Sexual selection resulting from extrapair paternity in collared flycatchers. <i>Animal Behaviour</i> , 1999, 57, 285-298. | 1.9 | 233 |
| 31 | NATURAL SELECTION AND INHERITANCE OF BREEDING TIME AND CLUTCH SIZE IN THE COLLARED FLYCATCHER. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 406-420. | 2.3 | 233 |
| 32 | Cryptic evolution in a wild bird population. <i>Nature</i> , 2001, 412, 76-79. | 27.8 | 231 |
| 33 | Phenotypic Selection on a Heritable Size Trait Revisited. <i>American Naturalist</i> , 2001, 158, 557-571. | 2.1 | 212 |
| 34 | Adaptive plasticity in mate preference linked to differences in reproductive effort. <i>Nature</i> , 2000, 405, 344-347. | 27.8 | 210 |
| 35 | 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, 557-569. | 1.7 | 204 |
| 36 | Sex chromosome evolution and speciation in <i>Ficedula</i> flycatchers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 53-59. | 2.6 | 196 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | 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. | 2.6 | 195 |
| 38 | Within-population variation in prevalence and lineage distribution of avian malaria in blue tits, <i>Cyanistes caeruleus</i> . <i>Molecular Ecology</i> , 2007, 16, 3263-3273. | 3.9 | 194 |
| 39 | Components of Variance Underlying Fitness in a Natural Population of the Great Tit <i>Parus major</i> . <i>American Naturalist</i> , 2004, 164, E62-E72. | 2.1 | 188 |
| 40 | Elevated reproductive effort increases blood parasitaemia and decreases immune function in birds: a meta-regression approach. <i>Functional Ecology</i> , 2009, 23, 405-415. | 3.6 | 173 |
| 41 | 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, 2769-2777. | 2.6 | 172 |
| 42 | Evolutionary signals of selection on cognition from the great tit genome and methylome. <i>Nature Communications</i> , 2016, 7, 10474. | 12.8 | 172 |
| 43 | Severe inbreeding depression in collared flycatchers (<i>Ficedula albicollis</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1581-1589. | 2.6 | 167 |
| 44 | Heterogeneous selection on a heritable temperament trait in a variable environment. <i>Journal of Animal Ecology</i> , 2009, 78, 1203-1215. | 2.8 | 163 |
| 45 | Recent natural selection causes adaptive evolution of an avian polygenic trait. <i>Science</i> , 2017, 358, 365-368. | 12.6 | 161 |
| 46 | Association between DRD4 gene polymorphism and personality variation in great tits: a test across four wild populations. <i>Molecular Ecology</i> , 2010, 19, 832-843. | 3.9 | 155 |
| 47 | EVOLUTION: The Benefits of Allocating Sex. <i>Science</i> , 2000, 290, 288-290. | 12.6 | 151 |
| 48 | 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. | 1.7 | 151 |
| 49 | Microsatellite evolution—a reciprocal study of repeat lengths at homologous loci in cattle and sheep. <i>Molecular Biology and Evolution</i> , 1997, 14, 854-860. | 8.9 | 150 |
| 50 | 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, 6587-6592. | 7.1 | 148 |
| 51 | CONTRASTING PATTERNS OF PHENOTYPIC PLASTICITY IN REPRODUCTIVE TRAITS IN TWO GREAT TIT (<i>PARUS</i>) Tj ET Og1 1 0.784314 rgB 2.3 148 | 2.3 | 148 |
| 52 | Interspecific social networks promote information transmission in wild songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142804. | 2.6 | 148 |
| 53 | Seasonal variation in <i>Plasmodium</i> prevalence in a population of blue tits <i>Cyanistes caeruleus</i> . <i>Journal of Animal Ecology</i> , 2008, 77, 540-548. | 2.8 | 147 |
| 54 | Relating paternity to paternal care. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 341-350. | 4.0 | 146 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | 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. | 2.3 | 145 |
| 56 | Habitat quality, nestling diet, and provisioning behaviour in great tits <i>Parus major</i> . <i>Journal of Avian Biology</i> , 2009, 40, 135-145. | 1.2 | 145 |
| 57 | Quantitative Assessment of the Importance of Phenotypic Plasticity in Adaptation to Climate Change in Wild Bird Populations. <i>PLoS Biology</i> , 2013, 11, e1001605. | 5.6 | 143 |
| 58 | Inferring social network structure in ecological systems from spatio-temporal data streams. <i>Journal of the Royal Society Interface</i> , 2012, 9, 3055-3066. | 3.4 | 142 |
| 59 | Milk bottles revisited: social learning and individual variation in the blue tit, <i>Cyanistes caeruleus</i> . <i>Animal Behaviour</i> , 2013, 85, 1225-1232. | 1.9 | 140 |
| 60 | 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, 963-970. | 2.6 | 139 |
| 61 | Consistent individual differences in the social phenotypes of wild great tits, <i>Parus major</i> . <i>Animal Behaviour</i> , 2015, 108, 117-127. | 1.9 | 137 |
| 62 | New tools for sex identification and the study of sex allocation in birds. <i>Trends in Ecology and Evolution</i> , 1997, 12, 255-259. | 8.7 | 136 |
| 63 | Fitness effects of endemic malaria infections in a wild bird population: the importance of ecological structure. <i>Journal of Animal Ecology</i> , 2011, 80, 1196-1206. | 2.8 | 136 |
| 64 | Sex ratios. <i>Heredity</i> , 2002, 88, 117-124. | 2.6 | 132 |
| 65 | Dispersal as a means of inbreeding avoidance in a wild bird population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 703-711. | 2.6 | 126 |
| 66 | 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. | 1.6 | 126 |
| 67 | 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, 5466-5470. | 7.1 | 123 |
| 68 | Why do male birds not discriminate between their own and extra-pair offspring?. <i>Animal Behaviour</i> , 1996, 51, 1165-1173. | 1.9 | 121 |
| 69 | GENDER AND ENVIRONMENTAL SENSITIVITY IN NESTLING COLLARED FLYCATCHERS. <i>Ecology</i> , 1998, 79, 1939-1948. | 3.2 | 121 |
| 70 | Correlations between ultraviolet coloration, overwinter survival and offspring sex ratio in the blue tit. <i>Journal of Evolutionary Biology</i> , 2003, 16, 1045-1054. | 1.7 | 119 |
| 71 | SEX-RATIO ADJUSTMENT WHEN RELATIVES INTERACT: A TEST OF CONSTRAINTS ON ADAPTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1211-1228. | 2.3 | 118 |
| 72 | Molecular epidemiology of malaria prevalence and parasitaemia in a wild bird population. <i>Molecular Ecology</i> , 2011, 20, 1062-1076. | 3.9 | 118 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | 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-E27. | 2.1 | 117 |
| 74 | The Challenges of Integrating Oxidative Stress into Life-history Biology. <i>BioScience</i> , 2011, 61, 194-202. | 4.9 | 115 |
| 75 | The Cost of Reproduction and Sexual Selection. <i>Oikos</i> , 1998, 83, 478. | 2.7 | 114 |
| 76 | Evolution in a Changing Environment: A Case Study with Great Tit Fledging Mass. <i>American Naturalist</i> , 2004, 164, E115-E129. | 2.1 | 112 |
| 77 | Tritrophic phenological matchâ€“mismatch in space and time. <i>Nature Ecology and Evolution</i> , 2018, 2, 970-975. | 7.8 | 108 |
| 78 | 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, 604-615. | 2.8 | 107 |
| 79 | Social network analysis of mixed-species flocks: exploring the structure and evolution of interspecific social behaviour. <i>Animal Behaviour</i> , 2012, 84, 1271-1277. | 1.9 | 104 |
| 80 | Trading up: the fitness consequences of divorce in monogamous birds. <i>Biological Reviews</i> , 2015, 90, 1015-1034. | 10.4 | 100 |
| 81 | Speciation, introgressive hybridization and nonlinear rate of molecular evolution in flycatchers. <i>Molecular Ecology</i> , 2001, 10, 737-749. | 3.9 | 99 |
| 82 | Phenotypic correlates of <i>Clock</i> gene variation in a wild blue tit population: evidence for a role in seasonal timing of reproduction. <i>Molecular Ecology</i> , 2009, 18, 2444-2456. | 3.9 | 97 |
| 83 | 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, 1251-1261. | 2.8 | 96 |
| 84 | 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, 225-232. | 2.6 | 93 |
| 85 | Avian haematozoan parasites and their associations with mosquitoes across Southwest Pacific Islands. <i>Molecular Ecology</i> , 2008, 17, 4545-4555. | 3.9 | 93 |
| 86 | Siteâ€“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. | 5.2 | 93 |
| 87 | 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, 3949-3962. | 3.9 | 93 |
| 88 | 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. | 2.4 | 91 |
| 89 | 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. | 2.6 | 88 |
| 90 | When environmental variation short-circuits natural selection. <i>Trends in Ecology and Evolution</i> , 2003, 18, 207-209. | 8.7 | 88 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | 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. | 3.2 | 88 |
| 92 | Social carry-over effects underpin trans-seasonally linked structure in a wild bird population. <i>Ecology Letters</i> , 2016, 19, 1324-1332. | 6.4 | 88 |
| 93 | Sex Differences in the Persistence of Natal Environmental Effects on Life Histories. <i>Current Biology</i> , 2009, 19, 1998-2002. | 3.9 | 87 |
| 94 | 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, 1207-1216. | 2.8 | 87 |
| 95 | A comparative study of sperm-egg interactions in birds. <i>Reproduction</i> , 1994, 101, 353-361. | 2.6 | 86 |
| 96 | Inbreeding depression along a life-history continuum in the great tit. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1531-1543. | 1.7 | 86 |
| 97 | <i>Mhc</i> 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. | 2.6 | 86 |
| 98 | Inferring social structure from temporal data. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 857-866. | 1.4 | 86 |
| 99 | Interspecific Patterns of Genetic Diversity in Birds: Correlations with Extinction Risk. <i>Conservation Biology</i> , 2008, 22, 1016-1025. | 4.7 | 84 |
| 100 | Sperm competition in the chaffinch: the role of the female. <i>Animal Behaviour</i> , 1994, 47, 163-173. | 1.9 | 83 |
| 101 | Cooperative Breeders Adjust Offspring Sex Ratios to Produce Helpful Helpers. <i>American Naturalist</i> , 2005, 166, 628-632. | 2.1 | 81 |
| 102 | Trans-generational effects on ageing in a wild bird population. <i>Journal of Evolutionary Biology</i> , 2010, 23, 636-642. | 1.7 | 81 |
| 103 | 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, 179-188. | 3.9 | 80 |
| 104 | Partitioning of genetic variation across the genome using multimarker methods in a wild bird population. <i>Molecular Ecology</i> , 2013, 22, 3963-3980. | 3.9 | 78 |
| 105 | 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. | 7.1 | 77 |
| 106 | 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, 1546-1559. | 2.3 | 76 |
| 107 | Selection for territory acquisition is modulated by social network structure in a wild songbird. <i>Journal of Evolutionary Biology</i> , 2015, 28, 547-556. | 1.7 | 75 |
| 108 | Experimental Evidence that Social Relationships Determine Individual Foraging Behavior. <i>Current Biology</i> , 2015, 25, 3138-3143. | 3.9 | 73 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | Offspring sex and paternity in the collared flycatcher. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996, 263, 1017-1021. | 2.6 | 72 |
| 110 | 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. | 2.3 | 72 |
| 111 | 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, 651-660. | 1.1 | 71 |
| 112 | Collective decision making and social interaction rules in mixed-species flocks of songbirds. <i>Animal Behaviour</i> , 2014, 95, 173-182. | 1.9 | 71 |
| 113 | Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978. | 7.1 | 69 |
| 114 | Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016. | 12.6 | 69 |
| 115 | Promiscuity, paternity and personality in the great tit. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1724-1730. | 2.6 | 68 |
| 116 | Genetic architecture of fitness and nonfitness traits: empirical patterns and development of ideas. <i>Heredity</i> , 1999, 83, 103-109. | 2.6 | 68 |
| 117 | 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. | 2.8 | 67 |
| 118 | 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. | 1.4 | 66 |
| 119 | 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. | 3.0 | 66 |
| 120 | Scale-Dependent Phenological Synchrony between Songbirds and Their Caterpillar Food Source. <i>American Naturalist</i> , 2015, 186, 84-97. | 2.1 | 66 |
| 121 | Long-term familiarity promotes joining in neighbour nest defence. <i>Biology Letters</i> , 2012, 8, 544-546. | 2.3 | 64 |
| 122 | Evolutionary Response to Selection on Clutch Size in a Long-Term Study of the Mute Swan. <i>American Naturalist</i> , 2006, 167, 453-465. | 2.1 | 63 |
| 123 | Scale and state dependence of the relationship between personality and dispersal in a great tit population. <i>Journal of Animal Ecology</i> , 2011, 80, 918-928. | 2.8 | 63 |
| 124 | Antagonistic natural selection revealed by molecular sex identification of nestling collared flycatchers. <i>Molecular Ecology</i> , 1997, 6, 1167-1175. | 3.9 | 62 |
| 125 | Certainty of paternity and paternal effort in the collared flycatcher. <i>Behavioral Ecology</i> , 1997, 8, 421-428. | 2.2 | 61 |
| 126 | Phenotypic plasticity in the expression of sexually selected traits: neglected components of variation. <i>Animal Behaviour</i> , 2001, 61, 987-993. | 1.9 | 61 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Environmental Sensitivity in Relation to Size and Sex in Birds: Meta-Regression Analysis. <i>American Naturalist</i> , 2009, 174, 122-133. | 2.1 | 61 |
| 128 | Replicated analysis of the genetic architecture of quantitative traits in two wild great tit populations. <i>Molecular Ecology</i> , 2015, 24, 6148-6162. | 3.9 | 61 |
| 129 | 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. | 1.9 | 60 |
| 130 | DIVERGENT PATTERNS OF AGE-DEPENDENCE IN ORNAMENTAL AND REPRODUCTIVE TRAITS IN THE COLLARED FLYCATCHER. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1623-1636. | 2.3 | 59 |
| 131 | Copulation behavior and paternity in the chaffinch. <i>Behavioral Ecology and Sociobiology</i> , 1994, 34, 149-156. | 1.4 | 57 |
| 132 | Temporal differences in food abundance promote coexistence between two congeneric passerines. <i>Oecologia</i> , 2010, 162, 873-884. | 2.0 | 57 |
| 133 | Biogeographical patterns of blood parasite lineage diversity in avian hosts from southern Melanesian islands. <i>Journal of Biogeography</i> , 2010, 37, 120-132. | 3.0 | 56 |
| 134 | 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, 753-770. | 4.8 | 56 |
| 135 | Sire coloration influences offspring survival under predation risk in the moorfrog. <i>Journal of Evolutionary Biology</i> , 2003, 16, 1288-1295. | 1.7 | 55 |
| 136 | Pathways of information transmission among wild songbirds follow experimentally imposed changes in social foraging structure. <i>Biology Letters</i> , 2016, 12, 20160144. | 2.3 | 55 |
| 137 | The use of GIS in estimating spatial variation in habitat quality: a case study of laydate in the Great Tit <i>Parus major</i> . <i>Ibis</i> , 2007, 149, 110-118. | 1.9 | 54 |
| 138 | Effects of neighbor familiarity on reproductive success in the great tit (<i>Parus major</i>). <i>Behavioral Ecology</i> , 2012, 23, 322-333. | 2.2 | 54 |
| 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, 20142350. | 2.6 | 54 |
| 140 | Emergence of a Novel Avian Pox Disease in British Tit Species. <i>PLoS ONE</i> , 2012, 7, e40176. | 2.5 | 53 |
| 141 | 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, 307-316. | 2.6 | 53 |
| 142 | Personality and basal metabolic rate in a wild bird population. <i>Oikos</i> , 2014, 123, 56-62. | 2.7 | 53 |
| 143 | Strengthening the evidence base for temperature-mediated phenological asynchrony and its impacts. <i>Nature Ecology and Evolution</i> , 2021, 5, 155-164. | 7.8 | 53 |
| 144 | The Social Context of Life History Evolution. <i>Oikos</i> , 1998, 83, 466. | 2.7 | 52 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | <i>Linked survival and lifetime reproductive success in a wild population of great tits. Molecular Ecology, 2013, 22, 384-396.</i> | 3.9 | 51 |
| 146 | <i>Wild birds respond to flockmate loss by increasing their social network associations to others. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170299.</i> | 2.6 | 50 |
| 147 | <i>Inbreeding avoidance under different null models of random mating in the great tit. Journal of Animal Ecology, 2009, 78, 778-788.</i> | 2.8 | 49 |
| 148 | <i>Environmental stability and the evolution of cooperative breeding in hornbills. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131297.</i> | 2.6 | 48 |
| 149 | <i>Genetic variation and natural selection on blue tit body condition in different environments. Genetical Research, 1999, 73, 165-176.</i> | 0.9 | 47 |
| 150 | <i>Low variability and absence of phenotypic correlates of <i>Clock</i> gene variation in a great tit <i>Parus major</i> population. Journal of Avian Biology, 2010, 41, 543-550.</i> | 1.2 | 47 |
| 151 | <i>Plumage brightness in relation to haematozoan infections in the greenfinch <i>Carduelis chloris</i>: Bright males are a good bet. Ecoscience, 1999, 6, 12-18.</i> | 1.4 | 46 |
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