

Samuel Caro

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,049
citations

279487

23
h-index

276539

41
g-index

41
all docs

41
docs citations

41
times ranked

2220
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Phenology, seasonal timing and circannual rhythms: towards a unified framework. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3113-3127. | 1.8 | 276 |
| 2 | Temperature has a causal effect on avian timing of reproduction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2323-2331. | 1.2 | 232 |
| 3 | Increasing Temperature, Not Mean Temperature, Is a Cue for Avian Timing of Reproduction. <i>American Naturalist</i> , 2012, 179, E55-E69. | 1.0 | 143 |
| 4 | Local adaptation of timing of reproduction: females are in the driver's seat. <i>Functional Ecology</i> , 2009, 23, 172-179. | 1.7 | 103 |
| 5 | The perfume of reproduction in birds: Chemosignaling in avian social life. <i>Hormones and Behavior</i> , 2015, 68, 25-42. | 1.0 | 102 |
| 6 | Habitat quality as a predictor of spatial variation in blue tit reproductive performance: a multi-plot analysis in a heterogeneous landscape. <i>Oecologia</i> , 2004, 141, 555-561. | 0.9 | 98 |
| 7 | The Case of the Missing Mechanism: How Does Temperature Influence Seasonal Timing in Endotherms?. <i>PLoS Biology</i> , 2013, 11, e1001517. | 2.6 | 96 |
| 8 | Pheromones in birds: myth or reality?. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 751-766. | 0.7 | 91 |
| 9 | Effect of human presence and handling on circulating corticosterone levels in breeding blue tits (<i>Parus caeruleus</i>). <i>General and Comparative Endocrinology</i> , 2006, 148, 163-171. | 0.8 | 84 |
| 10 | Evidence from pyrosequencing indicates that natural variation in animal personality is associated with <i>DRD4</i> DNA methylation. <i>Molecular Ecology</i> , 2016, 25, 1801-1811. | 2.0 | 66 |
| 11 | Female Lincoln's sparrows modulate their behavior in response to variation in male song quality. <i>Behavioral Ecology</i> , 2010, 21, 562-569. | 1.0 | 60 |
| 12 | Genetic variation in cue sensitivity involved in avian timing of reproduction. <i>Functional Ecology</i> , 2011, 25, 868-877. | 1.7 | 55 |
| 13 | Evidence that blue petrel, <i>Halobaena caerulea</i> , fledglings can detect and orient to dimethyl sulfide. <i>Journal of Experimental Biology</i> , 2006, 209, 2165-2169. | 0.8 | 54 |
| 14 | Sleeping Birds Do Not Respond to Predator Odour. <i>PLoS ONE</i> , 2011, 6, e27576. | 1.1 | 51 |
| 15 | Simultaneous pituitary-gonadal recrudescence in two Corsican populations of male blue tits with asynchronous breeding dates. <i>Hormones and Behavior</i> , 2006, 50, 347-360. | 1.0 | 45 |
| 16 | Individual variation in avian reproductive physiology does not reliably predict variation in laying date. <i>General and Comparative Endocrinology</i> , 2012, 179, 53-62. | 0.8 | 45 |
| 17 | Circulating corticosterone levels in breeding blue tits <i>Parus caeruleus</i> differ between island and mainland populations and between habitats. <i>General and Comparative Endocrinology</i> , 2007, 154, 128-136. | 0.8 | 42 |
| 18 | Early Birds by Light at Night: Effects of Light Color and Intensity on Daily Activity Patterns in Blue Tits. <i>Journal of Biological Rhythms</i> , 2017, 32, 323-333. | 1.4 | 40 |

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|----|---|-----|-----------|
| 19 | Early seasonal development of brain song control nuclei in male blue tits. <i>Neuroscience Letters</i> , 2005, 386, 139-144. | 1.0 | 38 |
| 20 | Non-photoperiodic factors and timing of breeding in blue tits: Impact of environmental and social influences in semi-natural conditions. <i>Behavioural Processes</i> , 2007, 75, 1-7. | 0.5 | 31 |
| 21 | Temperature-induced elevation of basal metabolic rate does not affect testis growth in great tits. <i>Journal of Experimental Biology</i> , 2009, 212, 1995-1999. | 0.8 | 31 |
| 22 | Endocrine correlates of the breeding asynchrony between two corsican populations of blue tits (<i>Parus caeruleus</i>). <i>General and Comparative Endocrinology</i> , 2005, 140, 52-60. | 0.8 | 29 |
| 23 | Avian ecologists and physiologists have different sexual preferences. <i>General and Comparative Endocrinology</i> , 2012, 176, 1-8. | 0.8 | 28 |
| 24 | Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , 2021, 90, 2147-2160. | 1.3 | 25 |
| 25 | Aromatic plants in blue tit <i>Cyanistes caeruleus</i> nests: no negative effect on blood-sucking <i>Protocalliphora</i> blow fly larvae. <i>Journal of Avian Biology</i> , 2008, 39, 127-132. | 0.6 | 23 |
| 26 | Olfactory Sex Recognition Investigated in Antarctic Prions. <i>PLoS ONE</i> , 2009, 4, e4148. | 1.1 | 23 |
| 27 | Is microevolution the only emergency exit in a warming world? Temperature influences egg laying but not its underlying mechanisms in great tits. <i>General and Comparative Endocrinology</i> , 2013, 190, 164-169. | 0.8 | 17 |
| 28 | Mate Preference of Female Blue Tits Varies with Experimental Photoperiod. <i>PLoS ONE</i> , 2014, 9, e92527. | 1.1 | 13 |
| 29 | Exploring Biotic and Abiotic Determinants of Nest Size in Mediterranean Great Tits (<i>Parus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.5 | 13 |
| 30 | Song Repertoires in a Western European Population of Yellowhammers <i>Emberiza citrinella</i> . <i>Acta Ornithologica</i> , 2009, 44, 9-16. | 0.1 | 12 |
| 31 | Change in offspring sex ratio over a very short season in Lincoln's Sparrows: the potential role of bill development. <i>Journal of Field Ornithology</i> , 2011, 82, 44-51. | 0.3 | 11 |
| 32 | Fine-tuning of seasonal timing of breeding is regulated downstream in the underlying neuro-endocrine system in a small songbird. <i>Journal of Experimental Biology</i> , 2019, 222, . | 0.8 | 11 |
| 33 | Gene flow does not prevent personality and morphological differentiation between two blue tit populations. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1127-1137. | 0.8 | 10 |
| 34 | Do Blue Tits time their breeding based on cues obtained by consuming buds?. <i>Journal of Field Ornithology</i> , 2006, 77, 399-403. | 0.3 | 9 |
| 35 | Olfactory detection of trace amounts of plant volatiles is correlated with testosterone in a passerine bird. <i>Hormones and Behavior</i> , 2021, 136, 105045. | 1.0 | 9 |
| 36 | Song Competition Affects Monoamine Levels in Sensory and Motor Forebrain Regions of Male Lincoln's Sparrows (<i>Melospiza lincolnii</i>). <i>PLoS ONE</i> , 2013, 8, e59857. | 1.1 | 8 |

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|----|--|-----|-----------|
| 37 | Personality and gonadal development as sources of individual variation in response to GnRH challenge in female great tits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190142. | 1.2 | 7 |
| 38 | Mutual mate preferences and assortative mating in relation to a carotenoid-based color trait in blue tits. <i>Behavioral Ecology</i> , 2021, 32, 1171-1182. | 1.0 | 7 |
| 39 | Experimental manipulation of photoperiod and temperature does not influence nest size in Blue and Great tits. <i>Auk</i> , 2018, 135, 218-227. | 0.7 | 4 |
| 40 | Manipulation of photoperiod perception advances gonadal growth but not laying date in the great tit. <i>Journal of Avian Biology</i> , 2019, 50, . | 0.6 | 4 |
| 41 | Surface temperatures of non-incubated eggs in great tits (<i>Parus major</i>) are strongly associated with ambient temperature. <i>International Journal of Biometeorology</i> , 2020, 64, 1767-1775. | 1.3 | 3 |