

# Ella F Cole

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

1,373  
citations

16  
h-index

36  
g-index

36  
ext. papers

1,691  
ext. citations

6.4  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
35	Cognitive ability influences reproductive life history variation in the wild. <i>Current Biology</i> , <b>2012</b> , 22, 1808-1812	13.2	165
34	Studying the evolutionary ecology of cognition in the wild: a review of practical and conceptual challenges. <i>Biological Reviews</i> , <b>2016</b> , 91, 367-89	13.5	141
33	Individual variation in spontaneous problem-solving performance among wild great tits. <i>Animal Behaviour</i> , <b>2011</b> , 81, 491-498	2.8	141
32	Personality and problem-solving performance explain competitive ability in the wild. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 1168-75	4.4	140
31	Who are the innovators? A field experiment with 2 passerine species. <i>Behavioral Ecology</i> , <b>2011</b> , 22, 1241-1248	3.48	110
30	Recent natural selection causes adaptive evolution of an avian polygenic trait. <i>Science</i> , <b>2017</b> , 358, 365-368	39.3	101
29	Shy birds play it safe: personality in captivity predicts risk responsiveness during reproduction in the wild. <i>Biology Letters</i> , <b>2014</b> , 10, 20140178	3.6	67
28	Scale and state dependence of the relationship between personality and dispersal in a great tit population. <i>Journal of Animal Ecology</i> , <b>2011</b> , 80, 918-28	4.7	55
27	Personality and parasites: sex-dependent associations between avian malaria infection and multiple behavioural traits. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 1459-1471	2.5	55
26	Taking the Operant Paradigm into the Field: Associative Learning in Wild Great Tits. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133821	3.7	51
25	Scale-dependent phenological synchrony between songbirds and their caterpillar food source. <i>American Naturalist</i> , <b>2015</b> , 186, 84-97	3.7	48
24	The shifting phenological landscape: Within- and between-species variation in leaf emergence in a mixed-deciduous woodland. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 1135-1147	2.8	36
23	Environmental and genetic determinants of innovativeness in a natural population of birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	35
22	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> , <b>2015</b> , 5, 5057-74	2.8	31
21	Personality shapes pair bonding in a wild bird social system. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1696-1699	16.99	26
20	Male great tits assort by personality during the breeding season. <i>Animal Behaviour</i> , <b>2017</b> , 128, 21-32	2.8	21
19	Incubation behavior adjustments, driven by ambient temperature variation, improve synchrony between hatch dates and caterpillar peak in a wild bird population. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 9415-9425	2.8	15

18	Strengthening the evidence base for temperature-mediated phenological asynchrony and its impacts. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 155-164	12.3	15
17	To graze or gorge: consistency and flexibility of individual foraging tactics in tits. <i>Journal of Animal Ecology</i> , <b>2017</b> , 86, 826-836	4.7	14
16	Who escapes detection? Quantifying the causes and consequences of sampling biases in a long-term field study. <i>Journal of Animal Ecology</i> , <b>2015</b> , 84, 1520-9	4.7	14
15	Cue identification in phenology: A case study of the predictive performance of current statistical tools. <i>Journal of Animal Ecology</i> , <b>2019</b> , 88, 1428-1440	4.7	12
14	Phenological asynchrony: a ticking time-bomb for seemingly stable populations?. <i>Ecology Letters</i> , <b>2020</b> , 23, 1766-1775	10	12
13	Social learning of acoustic anti-predator cues occurs between wild bird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20192513	4.4	9
12	Studying microevolutionary processes in cognitive traits: a comment on Rowe and Healy. <i>Behavioral Ecology</i> , <b>2014</b> , 25, 1297-1298	2.3	9
11	Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 2147-2160	4.7	9
10	The within-population variability of leaf spring and autumn phenology is influenced by temperature in temperate deciduous trees. <i>International Journal of Biometeorology</i> , <b>2021</b> , 65, 369-379	3.7	8
9	Diurnal variation in the production of vocal information about food supports a model of social adjustment in wild songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182740	4.4	7
8	Testing the effect of quantitative genetic inheritance in structured models on projections of population dynamics. <i>Oikos</i> , <b>2020</b> , 129, 559-571	4	7
7	Partner age, not social environment, predicts extrapair paternity in wild great tits ( <i>Parus major</i> ). <i>Behavioral Ecology</i> , <b>2019</b> , 30, 1782-1793	2.3	6
6	Heterogeneous selection on exploration behavior within and among West European populations of a passerine bird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
5	Information use in foraging flocks of songbirds: no evidence for social transmission of patch quality. <i>Animal Behaviour</i> , <b>2020</b> , 165, 35-41	2.8	4
4	Exploring the causes and consequences of cooperative behaviour in wild animal populations using a social network approach. <i>Biological Reviews</i> , <b>2021</b> , 96, 2355-2372	13.5	2
3	Experimental manipulation of nocturnal nest cavity temperature in wild blue tits		1
2	Spatial variation in avian phenological response to climate change linked to tree health. <i>Nature Climate Change</i> , <b>2021</b> , 11, 872-878	21.4	0
1	Response to Perrier and Charmantier: On the importance of time scales when studying adaptive evolution. <i>Evolution Letters</i> , <b>2019</b> , 3, 248-253	5.3	

