Matthew R Evans

List of Publications by Year
in descending order

42 papers	1,942 citations	331642 21 h-index	276858 41 g-index
42 all docs	42 docs citations	42 times ranked	3095 citing authors

#	Article	IF	Citations
1	Effect of Tree Density on Seed Production and Dispersal of Birch (Betula pendula Roth and Betula) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	5
2	Analysing phenotypic variation in barn swallows (Hirundo rustica) across China to assess subspecies status. Biological Journal of the Linnean Society, 2020, 131, 319-331.	1.6	5
3	Letâ€™s Train More Theoretical Ecologists â€“ Here Is Why. Trends in Ecology and Evolution, 2019, 34, 759-762.	8.7	12
4	Will natural resistance result in populations of ash trees remaining in British woodlands after a century of ash dieback disease?. Royal Society Open Science, 2019, 6, 190908.	2.4	12
5	Ventral colour, not tail streamer length, is associated with seasonal reproductive performance in a Chinese population of Barn Swallows (Hirundo rustica gutturalis). Journal of Ornithology, 2018, 159, 675-685.	1.1	11
6	Plasticity in foraging behaviour as a possible response to climate change. Ecological Informatics, 2018, 47, 61-66.	5.2	14
7	Abrupt events and population synchrony in the dynamics of Bovine Tuberculosis. Nature Communications, 2018, 9, 2821.	12.8	10
8	A big-data spatial, temporal and network analysis of bovine tuberculosis between wildlife (badgers) and cattle. Stochastic Environmental Research and Risk Assessment, 2017, 31, 315-328.	4.0	17
9	A comparison between data requirements and availability for calibrating predictive ecological models for lowland <scp>UK</scp> woodlands: learning new tricks from old trees. Ecology and Evolution, 2016, 6, 4812-4822.	1.9	18
10	A quantitative analysis of objective feather color assessment: Measurements in the laboratory do not reflect true plumage color. Auk, 2016, 133, 325-337.	1.4	7
11	Regional and temporal characteristics of bovine tuberculosis of cattle in Great Britain. Stochastic Environmental Research and Risk Assessment, 2016, 30, 989-1003.	4.0	12
12	Allometry and growth of eight tree taxa in United Kingdom woodlands. Scientific Data, 2015, 2, 150006.	5.3	13
13	Coupling models of cattle and farms with models of badgers for predicting the dynamics of bovine tuberculosis (TB). Stochastic Environmental Research and Risk Assessment, 2015, 29, 623-635.	4.0	23
14	Effects of growth rate, size, and light availability on tree survival across life stages: a demographic analysis accounting for missing values and small sample sizes. BMC Ecology, 2015, 15, 6.	3.0	20
15	Data availability and model complexity, generality, and utility: a reply to Lonergan. Trends in Ecology and Evolution, 2014, 29, 302-303.	8.7	21
16	Do simple models lead to generality in ecology?. Trends in Ecology and Evolution, 2013, 28, 578-583.	8.7	215
17	Predictive systems ecology. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131452.	2.6	114
18	Environmental and Parental Influences on Offspring Health and Growth in Great Tits (Parus major). PLoS ONE, 2013, 8, e69695.	2.5	8

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19	Integrating Evolution into Ecological Modelling: Accommodating Phenotypic Changes in Agent Based Models. PLoS ONE, 2013, 8, e71125.	2.5	15
20	Predictive ecology: systems approaches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 163-169.	4.0	110
21	Modelling ecological systems in a changing world. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 181-190.	4.0	145
22	Population Genetics and Morphological Comparisons of Migratory European (Hirundo rustica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Heredity, 2012, 103, 55-63.	2.4	30
23	The Dynamics of Honesty: Modelling the Growth of Costly, Sexually-Selected Ornaments. PLoS ONE, 2011, 6, e27174.	2.5	11
24	Low Variation in the Polymorphic Clock Gene Poly-Q Region Despite Population Genetic Structure across Barn Swallow (Hirundo rustica) Populations. PLoS ONE, 2011, 6, e28843.	2.5	32
25	Long tails matter in sugarbirdsâ€"positively for extrapair but negatively for within-pair fertilization success. Behavioral Ecology, 2010, 21, 26-32.	2.2	11
26	The effects of testosterone on immune function in quail selected for divergent plasma corticosterone response. Journal of Experimental Biology, 2009, 212, 3125-3131.	1.7	37
27	Investment in eggs is influenced by male coloration in the ostrich, Struthio camelus. Animal Behaviour, 2009, 77, 1027-1032.	1.9	27
28	Growth rate and hatching date in ostrich chicks reflect humoral but not cell-mediated immune function. Behavioral Ecology and Sociobiology, 2009, 64, 183-191.	1.4	10
29	The House Sparrow Passer domesticus in urban areas: reviewing a possible link between post-decline distribution and human socioeconomic status. Journal of Ornithology, 2008, 149, 293-299.	1.1	130
30	The usefulness of sensitivity analysis for predicting the effects of cat predation on the population dynamics of their avian prey. Ibis, 2008, 150, 100-113.	1.9	5
31	Spatial ability is impaired and hippocampal mineralocorticoid receptor mRNA expression reduced in zebra finches (Taeniopygia guttata) selected for acute high corticosterone response to stress. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 239-245.	2.6	77
32	Effects of testosterone and corticosterone on immunocompetence in the zebra finch. Hormones and Behavior, 2007, 51, 126-134.	2.1	106
33	Speed of exploration and risk-taking behavior are linked to corticosterone titres in zebra finches. Hormones and Behavior, 2007, 52, 445-453.	2.1	115
34	Uninformative Exaggeration of Male Sexual Ornaments in Barn Swallows. Current Biology, 2007, 17, 850-855.	3.9	44
35	Heritability of corticosterone response and changes in life history traits during selection in the zebra finch. Journal of Evolutionary Biology, 2006, 19, 343-352.	1.7	153
36	European barn swallows use melanin pigments to color their feathers brown. Behavioral Ecology, 2004, 15, 889-891.	2.2	51

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37	Male wrens with large testes breed early. Animal Behaviour, 2000, 60, 101-105.	1.9	16
38	Selection on swallow tail streamers. Nature, 1998, 394, 233-234.	27.8	74
39	Inter- and intra-sexual patterns of fluctuating asymmetry in the red-billed streamertail: should symmetry always increase with ornament size?. Behavioral Ecology and Sociobiology, 1995, 37, 15-23.	1.4	31
40	The aerodynamic and mechanical effects of elongated tails in the scarlet-tufted malachite sunbird: measuring the cost of a handicap. Animal Behaviour, 1992, 43, 337-347.	1.9	135
41	The size of adornments of male scarlet-tufted malachite sunbirds varies with environmental conditions, as predicted by handicap theories. Animal Behaviour, 1991, 42, 797-803.	1.9	33
42	Patterns of morphological variation in two sexually dimorphic bird species with different tail shapes. Biological Journal of the Linnean Society, 0, 91, 437-443.	1.6	7