

Matthew R Evans

List of Publications by Year in descending order

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42
papers

1,942
citations

331670

21
h-index

276875

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 (<i>Betula pendula</i> Roth and <i>Betula</i> Tj ETQq1 1 0.784314 rgBT ₅ /Overlook	2.1	5
2	Analysing phenotypic variation in barn swallows (<i>Hirundo rustica</i>) across China to assess subspecies status. <i>Biological Journal of the Linnean Society</i> , 2020, 131, 319-331.	1.6	5
3	Letâ€™s Train More Theoretical Ecologists â€“ Here Is Why. <i>Trends in Ecology and Evolution</i> , 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?. <i>Royal Society Open Science</i> , 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 (<i>Hirundo rustica gutturalis</i>). <i>Journal of Ornithology</i> , 2018, 159, 675-685.	1.1	11
6	Plasticity in foraging behaviour as a possible response to climate change. <i>Ecological Informatics</i> , 2018, 47, 61-66.	5.2	14
7	Abrupt events and population synchrony in the dynamics of Bovine Tuberculosis. <i>Nature Communications</i> , 2018, 9, 2821.	12.8	10
8	A big-data spatial, temporal and network analysis of bovine tuberculosis between wildlife (badgers) and cattle. <i>Stochastic Environmental Research and Risk Assessment</i> , 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. <i>Ecology and Evolution</i> , 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. <i>Auk</i> , 2016, 133, 325-337.	1.4	7
11	Regional and temporal characteristics of bovine tuberculosis of cattle in Great Britain. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 989-1003.	4.0	12
12	Allometry and growth of eight tree taxa in United Kingdom woodlands. <i>Scientific Data</i> , 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). <i>Stochastic Environmental Research and Risk Assessment</i> , 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. <i>BMC Ecology</i> , 2015, 15, 6.	3.0	20
15	Data availability and model complexity, generality, and utility: a reply to Loneragan. <i>Trends in Ecology and Evolution</i> , 2014, 29, 302-303.	8.7	21
16	Do simple models lead to generality in ecology?. <i>Trends in Ecology and Evolution</i> , 2013, 28, 578-583.	8.7	215
17	Predictive systems ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131452.	2.6	114
18	Environmental and Parental Influences on Offspring Health and Growth in Great Tits (<i>Parus major</i>). <i>PLoS ONE</i> , 2013, 8, e69695.	2.5	8

#	ARTICLE	IF	CITATIONS
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. <i>Animal Behaviour</i> , 2000, 60, 101-105.	1.9	16
38	Selection on swallow tail streamers. <i>Nature</i> , 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?. <i>Behavioral Ecology and Sociobiology</i> , 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. <i>Animal Behaviour</i> , 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. <i>Animal Behaviour</i> , 1991, 42, 797-803.	1.9	33
42	Patterns of morphological variation in two sexually dimorphic bird species with different tail shapes. <i>Biological Journal of the Linnean Society</i> , 0, 91, 437-443.	1.6	7