

# Gavin Huw Thomas

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

5,238  
citations

117571

34  
h-index

98753

67  
g-index

71  
all docs

71  
docs citations

71  
times ranked

6599  
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of the traplining pollinator role in hummingbirds: specialization is not an evolutionary dead end. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212484.	1.2	6
2	Sex roles in birds: Phylogenetic analyses of the influence of climate, life histories and social environment. <i>Ecology Letters</i> , 2022, 25, 647-660.	3.0	18
3	Global biogeographic patterns of avian morphological diversity. <i>Ecology Letters</i> , 2022, 25, 598-610.	3.0	22
4	AVONET: morphological, ecological and geographical data for all birds. <i>Ecology Letters</i> , 2022, 25, 581-597.	3.0	280
5	Cover Image: Volume 25 Number 3, March 2022. <i>Ecology Letters</i> , 2022, 25, .	3.0	0
6	Latitudinal gradients in avian colourfulness. <i>Nature Ecology and Evolution</i> , 2022, 6, 622-629.	3.4	21
7	Allometric conservatism in the evolution of bird beaks. <i>Evolution Letters</i> , 2022, 6, 83-91.	1.6	3
8	Resprouting grasses are associated with less frequent fire than seeders. <i>New Phytologist</i> , 2021, 230, 832-844.	3.5	24
9	Heterogeneous relationships between rates of speciation and body size evolution across vertebrate clades. <i>Nature Ecology and Evolution</i> , 2021, 5, 101-110.	3.4	39
10	Traits explain sorting of $C_4$ grasses along a global precipitation gradient. <i>Ecology and Evolution</i> , 2021, 11, 2669-2680.	0.8	7
11	MOTMOT: Models of trait macroevolution on trees (an update). <i>Methods in Ecology and Evolution</i> , 2020, 11, 464-471.	2.2	14
12	The signature of competition in ecomorphological traits across the avian radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201585.	1.2	10
13	Ecology and allometry predict the evolution of avian developmental durations. <i>Nature Communications</i> , 2020, 11, 2383.	5.8	42
14	Disparities in the analysis of morphological disparity. <i>Biology Letters</i> , 2020, 16, 20200199.	1.0	60
15	The global distribution of grass functional traits within grassy biomes. <i>Journal of Biogeography</i> , 2020, 47, 553-565.	1.4	24
16	The effects of tropical secondary forest regeneration on avian phylogenetic diversity. <i>Journal of Applied Ecology</i> , 2020, 57, 1351-1362.	1.9	10
17	Sexual selection predicts the rate and direction of colour divergence in a large avian radiation. <i>Nature Communications</i> , 2019, 10, 1773.	5.8	71
18	Species invasions and the phylogenetic signal in geographical range size. <i>Global Ecology and Biogeography</i> , 2018, 27, 1080-1092.	2.7	5

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19	Mega-evolutionary dynamics of the adaptive radiation of birds. <i>Nature</i> , 2017, 542, 344-347.	13.7	267
20	Trait Evolution in Adaptive Radiations: Modeling and Measuring Interspecific Competition on Phylogenies. <i>American Naturalist</i> , 2017, 189, 121-137.	1.0	43
21	Body length of bony fishes was not a selective factor during the biggest mass extinction of all time. <i>Palaeontology</i> , 2017, 60, 727-741.	1.0	13
22	Shedding light on the "dark side"™ of phylogenetic comparative methods. <i>Methods in Ecology and Evolution</i> , 2016, 7, 693-699.	2.2	59
23	Determinants of flammability in savanna grass species. <i>Journal of Ecology</i> , 2016, 104, 138-148.	1.9	123
24	A cautionary note on the use of Ornstein Uhlenbeck models in macroevolutionary studies. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 64-77.	0.7	252
25	Dating placentalia: Morphological clocks fail to close the molecular fossil gap. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 873-886.	1.1	26
26	Fossils and living taxa agree on patterns of body mass evolution: a case study with Afrotheria. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152023.	1.2	27
27	An avian explosion. <i>Nature</i> , 2015, 526, 516-517.	13.7	11
28	Land-Sparing Agriculture Best Protects Avian Phylogenetic Diversity. <i>Current Biology</i> , 2015, 25, 2384-2391.	1.8	55
29	Adaptation and Convergent Evolution within the Jamesonia-Eriosorus Complex in High-Elevation Biodiverse Andean Hotspots. <i>PLoS ONE</i> , 2014, 9, e110618.	1.1	25
30	Nesting behaviour influences species-specific gas exchange across avian eggshells. <i>Journal of Experimental Biology</i> , 2014, 217, 3326-3332.	0.8	30
31	Global Distribution and Conservation of Evolutionary Distinctness in Birds. <i>Current Biology</i> , 2014, 24, 919-930.	1.8	441
32	HIGH RATES OF EVOLUTION PRECEDED THE ORIGIN OF BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1497-1510.	1.1	63
33	Inclusion of a near-complete fossil record reveals speciation-related molecular evolution. <i>Methods in Ecology and Evolution</i> , 2013, 4, 745-753.	2.2	30
34	<scp>PASTIS</scp>: an R package to facilitate phylogenetic assembly with soft taxonomic inferences. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1011-1017.	2.2	92
35	Using phylogenetic trees to test for character displacement: a model and an example from a desert mammal community. <i>Ecology</i> , 2012, 93, S44.	1.5	23
36	MIGRATORY BEHAVIOR OF BIRDS AFFECTS THEIR COEVOLUTIONARY RELATIONSHIP WITH BLOOD PARASITES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 740-751.	1.1	54

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37	Why are birds' eggs colourful? Eggshell pigments co-vary with life-history and nesting ecology among British breeding non-passerine birds. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 657-672.	0.7	63
38	MOTMOT: models of trait macroevolution on trees. <i>Methods in Ecology and Evolution</i> , 2012, 3, 145-151.	2.2	150
39	A simple polytomy resolver for dated phylogenies. <i>Methods in Ecology and Evolution</i> , 2011, 2, 427-436.	2.2	177
40	Bergmann's idiosyncratic rule: a role for fecundity selection?. <i>Molecular Ecology</i> , 2009, 18, 1027-1029.	2.0	5
41	BODY SIZE DIVERSIFICATION IN <i>ANOLIS</i> : NOVEL ENVIRONMENT AND ISLAND EFFECTS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2017-2030.	1.1	76
42	Global biogeography and ecology of body size in birds. <i>Ecology Letters</i> , 2009, 12, 249-259.	3.0	229
43	Breeding systems, climate, and the evolution of migration in shorebirds. <i>Behavioral Ecology</i> , 2009, 20, 1026-1033.	1.0	23
44	Macroecology and extinction risk correlates of frogs. <i>Global Ecology and Biogeography</i> , 2008, 17, 211-221.	2.7	166
45	Regional variation in the historical components of global avian species richness. <i>Global Ecology and Biogeography</i> , 2008, 17, 340-351.	2.7	34
46	Sympatric Speciation in Birds Is Rare: Insights from Range Data and Simulations. <i>American Naturalist</i> , 2008, 171, 646-657.	1.0	103
47	Phylogenetic distributions of British birds of conservation concern. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2077-2083.	1.2	57
48	Spatial turnover in the global avifauna. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1567-1574.	1.2	151
49	Topography, energy and the global distribution of bird species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1189-1197.	1.2	216
50	Sexual Conflict and the Evolution of Breeding Systems in Shorebirds. <i>Advances in the Study of Behavior</i> , 2007, 37, 279-342.	1.0	44
51	Grenyer et al. reply. <i>Nature</i> , 2007, 450, E20-E20.	13.7	3
52	The geography of body size – challenges of the interspecific approach. <i>Global Ecology and Biogeography</i> , 2007, 16, 689-693.	2.7	82
53	Sexual conflict over parental care: a case study of shorebirds. <i>Journal Fur Ornithologie</i> , 2007, 148, 211-217.	1.2	23
54	Human impacts and the global distribution of extinction risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2127-2133.	1.2	123

#	ARTICLE	IF	CITATIONS
55	Limited male incubation ability and the evolution of egg size in shorebirds. <i>Biology Letters</i> , 2006, 2, 206-208.	1.0	13
56	Sexual Conflict, Ecology, and Breeding Systems in Shorebirds. <i>BioScience</i> , 2006, 56, 801.	2.2	63
57	Energy, range dynamics and global species richness patterns: reconciling mid-domain effects and environmental determinants of avian diversity. <i>Ecology Letters</i> , 2006, 9, 1308-1320.	3.0	105
58	Global distribution and conservation of rare and threatened vertebrates. <i>Nature</i> , 2006, 444, 93-96.	13.7	462
59	Comparative analyses of the influence of developmental mode on phenotypic diversification rates in shorebirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1619-1624.	1.2	130
60	Global Patterns of Geographic Range Size in Birds. <i>PLoS Biology</i> , 2006, 4, e208.	2.6	189
61	EVOLUTIONARY PATHWAYS IN SHOREBIRD BREEDING SYSTEMS: SEXUAL CONFLICT, PARENTAL CARE, AND CHICK DEVELOPMENT. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2222-2230.	1.1	51
62	EVOLUTIONARY PATHWAYS IN SHOREBIRD BREEDING SYSTEMS: SEXUAL CONFLICT, PARENTAL CARE, AND CHICK DEVELOPMENT. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2222.	1.1	2
63	Evolutionary pathways in shorebird breeding systems: sexual conflict, parental care, and chick development. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2222-30.	1.1	14
64	A supertree approach to shorebird phylogeny. <i>BMC Evolutionary Biology</i> , 2004, 4, 28.	3.2	126
65	Phylogeny of shorebirds, gulls, and alcids (Aves: Charadrii) from the cytochrome-b gene: parsimony, Bayesian inference, minimum evolution, and quartet puzzling. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 516-526.	1.2	47