

Brian Tilston Smith

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.

39
papers

1,906
citations

20
h-index

43
g-index

46
ext. papers

2,523
ext. citations

8
avg, IF

4.99
L-index

#	Paper	IF	Citations
39	Biological evidence supports an early and complex emergence of the Isthmus of Panama. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6110-5	11.5	340
38	The drivers of tropical speciation. <i>Nature</i> , 2014 , 515, 406-9	50.4	340
37	Target capture and massively parallel sequencing of ultraconserved elements for comparative studies at shallow evolutionary time scales. <i>Systematic Biology</i> , 2014 , 63, 83-95	8.4	226
36	Sequence Capture versus Restriction Site Associated DNA Sequencing for Shallow Systematics. <i>Systematic Biology</i> , 2016 , 65, 910-24	8.4	152
35	Earth history and the passerine superradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7916-7925	11.5	121
34	The profound influence of the Late Pliocene Panamanian uplift on the exchange, diversification, and distribution of New World birds. <i>Ecography</i> , 2010 , 33, 333	6.5	97
33	An asymmetry in niche conservatism contributes to the latitudinal species diversity gradient in New World vertebrates. <i>Ecology Letters</i> , 2012 , 15, 1318-1325	10	53
32	Positive association between population genetic differentiation and speciation rates in New World birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6328-6333	11.5	49
31	The role of historical and contemporary processes on phylogeographic structure and genetic diversity in the Northern Cardinal, <i>Cardinalis cardinalis</i> . <i>BMC Evolutionary Biology</i> , 2011 , 11, 136	3	48
30	A Phylogenomic Supertree of Birds. <i>Diversity</i> , 2019 , 11, 109	2.5	47
29	The evolution of a tropical biodiversity hotspot. <i>Science</i> , 2020 , 370, 1343-1348	33.3	42
28	Identifying biases at different spatial and temporal scales of diversification: a case study in the Neotropical parrotlet genus <i>Forpus</i> . <i>Molecular Ecology</i> , 2013 , 22, 483-94	5.7	41
27	Isolation with asymmetric gene flow during the nonsynchronous divergence of dry forest birds. <i>Molecular Ecology</i> , 2017 , 26, 1386-1400	5.7	38
26	Asynchronous demographic responses to Pleistocene climate change in Eastern Nearctic vertebrates. <i>Ecology Letters</i> , 2016 , 19, 1457-1467	10	38
25	Evaluating the role of contracting and expanding rainforest in initiating cycles of speciation across the Isthmus of Panama. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 3520-6	4.4	37
24	A latitudinal phylogeographic diversity gradient in birds. <i>PLoS Biology</i> , 2017 , 15, e2001073	9.7	33
23	A phylogeny of kingfishers reveals an Indomalayan origin and elevated rates of diversification on oceanic islands. <i>Journal of Biogeography</i> , 2018 , 45, 269-281	4.1	32

22	Examining the role of effective population size on mitochondrial and multilocus divergence time discordance in a songbird. <i>PLoS ONE</i> , 2013 , 8, e55161	3.7	31
21	Reply to Lessios and Marko et al.: Early and progressive migration across the Isthmus of Panama is robust to missing data and biases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5767-8	11.5	29
20	Resolving a phylogenetic hypothesis for parrots: implications from systematics to conservation. <i>Emu</i> , 2018 , 118, 7-21	1.1	25
19	Species delimitation and biogeography of the gnatcatchers and gnatwrens (Aves: Polioptilidae). <i>Molecular Phylogenetics and Evolution</i> , 2018 , 126, 45-57	4.1	10
18	Mining museums for historical DNA: advances and challenges in museomics. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 1049-1060	10.9	10
17	Macroevolutionary bursts and constraints generate a rainbow in a clade of tropical birds. <i>BMC Evolutionary Biology</i> , 2020 , 20, 32	3	8
16	Uneven Missing Data Skew Phylogenomic Relationships within the Lories and Lorikeets. <i>Genome Biology and Evolution</i> , 2020 , 12, 1131-1147	3.9	7
15	Evolutionary and ecological forces influencing population diversification in Bornean montane passerines. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 113, 139-149	4.1	6
14	Climatic dynamics and topography control genetic variation in Atlantic Forest montane birds. <i>Molecular Phylogenetics and Evolution</i> , 2020 , 148, 106812	4.1	6
13	Extensive gene flow characterizes the phylogeography of a North American migrant bird: Black-headed Grosbeak (<i>Pheucticus melanocephalus</i>). <i>Molecular Phylogenetics and Evolution</i> , 2014 , 78, 148-59	4.1	6
12	Speciational history of North American Haemorhous finches (Aves: Fringillidae) inferred from multilocus data. <i>Molecular Phylogenetics and Evolution</i> , 2013 , 66, 1055-9	4.1	6
11	Genomic divergence in allopatric Northern Cardinals of the North American warm deserts is linked to behavioral differentiation. <i>Ecology and Evolution</i> , 2018 , 8, 12456-12478	2.8	6
10	Uneven missing data skews phylogenomic relationships within the lories and lorikeets		5
9	Advancing Genetic Methods in the Study of Parrot Biology and Conservation. <i>Diversity</i> , 2021 , 13, 521	2.5	4
8	Community phylogeographic patterns reveal how a barrier filters and structures taxa in North American warm deserts. <i>Journal of Biogeography</i> , 2021 , 48, 1267-1283	4.1	4
7	Improved systematics of lorikeets reflects their evolutionary history and frames conservation priorities. <i>Emu</i> , 2020 , 120, 201-215	1.1	3
6	Spatial predictors of genomic and phenotypic variation differ in a lowland Middle American bird (<i>Icterus gularis</i>). <i>Molecular Ecology</i> , 2020 , 29, 3085-3102	5.7	2
5	The demography of extinction in eastern North American birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20201945	4.4	2

4	Genomic divergence in allopatric Northern Cardinals of the North American warm deserts is associated with behavioral differentiation	1
3	Macroevolutionary bursts and constraints generate a rainbow in a clade of tropical birds	1
2	Microevolutionary dynamics show tropical valleys are deeper for montane birds of the Atlantic Forest. <i>Nature Communications</i> , 2021 , 12, 6269	17.4 ○
1	River network rearrangements promote speciation in lowland Amazonian birds.. <i>Science Advances</i> , 2022 , 8, eabn1099	14.3 ○