Thomas B Smith

List of Publications by Year
in descending order

111 papers	9,676 citations	47409 49 h-index	43601 95 g-index
112 all docs	112 docs citations	112 times ranked	11601 citing authors

#	Article	IF	Citations
1	Genotypeâ€“environment associations across spatial scales reveal the importance of putative adaptive genetic variation in divergence. Evolutionary Applications, 2022, 15, 1390-1407.	1.5	3
2	Population structure, inbreeding and stripe pattern abnormalities in plains zebras. Molecular Ecology, 2021, 30, 379-390.	2.0	17
3	Persistent panmixia despite extreme habitat loss and population decline in the threatened tricolored blackbird (Agelaius tricolor). Evolutionary Applications, 2021, 14, 674-684.	1.5	3
4	Bird communities in African cocoa agroforestry are diverse but lack specialized insectivores. Journal of Applied Ecology, 2021, 58, 1237-1247.	1.9	14
5	Local adaptation in thermal tolerance for a tropical butterfly across ecotone and rainforest habitats. Biology Open, 2021, 10, .	0.6	15
6	Leveraging genomics to understand threats to migratory birds. Evolutionary Applications, 2021, 14, 1646-1658.	1.5	6
7	The American Kestrel (Falco sparverius) genoscape: implications for monitoring, management, and subspecies boundaries. Auk, 2021, 138, .	0.7	12
8	PICT: A lowâ€cost, modular, openâ€source camera trap system to study plantâ€“insect interactions. Methods in Ecology and Evolution, 2021, 12, 1389-1396.	2.2	27
9	Linking climate niches across seasons to assess population vulnerability in a migratory bird. Global Change Biology, 2021, 27, 3519-3531.	4.2	14
10	A general theory of avian migratory connectivity. Ecology Letters, 2021, 24, 1848-1858.	3.0	25
11	Genomic vulnerability and socioâ€economic threats under climate change in an African rainforest bird. Evolutionary Applications, 2021, 14, 1239-1247.	1.5	9
12	Precipitation and vegetation shape patterns of genomic and craniometric variation in the central African rodent Praomys misonnei. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200449.	1.2	13
13	Assessing the impact of China's timber industry on Congo Basin land use change. Area, 2019, 51, 340-349.	1.0	18
14	Bacterial diversity is positively correlated with soil heterogeneity. Ecosphere, 2018, 9, e02079.	1.0	68
15	Genomic signals of selection predict climate-driven population declines in a migratory bird. Science, 2018, 359, 83-86.	6.0	333
16	Climate warming causes declines in crop yields and lowers school attendance rates in Central Africa. Science of the Total Environment, 2018, 610-611, 503-510.	3.9	17
17	Growth factor gene IGF1 is associated with bill size in the black-bellied seedcracker Pyrenestes ostrinus. Nature Communications, 2018, 9, 4855.	5.8	24
18	Ecological genomics predicts climate vulnerability in an endangered southwestern songbird. Ecology Letters, 2018, 21, 1085-1096.	3.0	82

#	Article	IF	Citations
19	Ghosts of infections past: using archival samples to understand a century of monkeypox virus prevalence among host communities across space and time. Royal Society Open Science, 2018, 5, 171089.	1.1	46
20	Genetic assignment with isotopes and habitat suitability (<scp>gaiah</scp>), a migratory bird case study. Methods in Ecology and Evolution, 2017, 8, 1241-1252.	2.2	28
21	Genomic divergence across ecological gradients in the Central African rainforest songbird (<scp>A</scp>ndropadus virens). Molecular Ecology, 2017, 26, 4966-4977.	2.0	35
22	Safeguarding biodiversity: what is perceived as working, according to the conservation community?. Oryx, 2016, 50, 302-307.	0.5	12
23	Environmental drivers of body size variation in the lesser treefrog (Dendropsophus minutus) across the Amazon-Cerrado gradient. Biological Journal of the Linnean Society, 2016, , .	0.7	0
24	Seasonal gene expression in a migratory songbird. Molecular Ecology, 2016, 25, 5680-5691.	2.0	50
25	Living with avian FLUâ¬Persistence of the H5N1 highly pathogenic avian influenza virus in Egypt. Veterinary Microbiology, 2016, 187, 82-92.	0.8	6
26	Developmental plasticity affects sexual size dimorphism in an anole lizard. Functional Ecology, 2016, 30, 235-243.	1.7	23
27	Concordance on zebra stripes is not black and white: response to comment by Caro & Stankowich (2015). Royal Society Open Science, 2015, 2, 150359.	1.1	4
28	Persistent impacts of West Nile virus on North American bird populations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14290-14294.	3.3	65
29	Evolution and Conservation of Central African Biodiversity: Priorities for Future Research and Education in the Congo Basin and Gulf of Guinea. Biotropica, 2015, 47, 6-17.	0.8	13
30	How the zebra got its stripes: a problem with too many solutions. Royal Society Open Science, 2015, 2, 140452.	1.1	59
31	Loss of sexual dimorphism is associated with loss of lekking behavior in the green manakin Xenopipo holochora. Journal of Avian Biology, 2015, 46, 307-314.	0.6	13
32	Integrative tracking methods elucidate the evolutionary dynamics of a migratory divide. Ecology and Evolution, 2014, 4, 3456-3469.	0.8	24
33	Spatial and Temporal Patterns of Frugivorous Hornbill Movements in Central Africa and their Implications for Rain Forest Conservation. Biotropica, 2014, 46, 763-770.	0.8	10
34	Mapping migration in a songbird using highâ€resolution genetic markers. Molecular Ecology, 2014, 23, 5726-5739.	2.0	129
35	New host and lineage diversity of avian haemosporidia in the northern Andes. Evolutionary Applications, 2014, 7, 799-811.	1.5	53
36	Prescriptive Evolution to Conserve and Manage Biodiversity. Annual Review of Ecology, Evolution, and Systematics, 2014, 45, 1-22.	3.8	89

#	Article	IF	Citations
37	Applying evolutionary biology to address global challenges. Science, 2014, 346, 1245993.	6.0	228
38	Identifying areas with a high risk of human infection with the avian influenza A (H7N9) virus in East Asia. Journal of Infection, 2014, 69, 174-181.	1.7	20
39	A preliminary assessment of the effectiveness of the Mesoamerican Biological Corridor for protecting potential Baird's tapir (Tapirus bairdii) habitat in southern Mexico. Integrative Zoology, 2013, 8, 35-47.	1.3	23
40	Predicting bird song from space. Evolutionary Applications, 2013, 6, 865-874.	1.5	31
41	The Ecology of Emerging Infectious Diseases in Migratory Birds: An Assessment of the Role of Climate Change and Priorities for Future Research. EcoHealth, 2012, 9, 80-88.	0.9	104
42	Mating Behavior Drives Seed Dispersal by the Long-wattled Umbrellabird Cephalopterus penduliger. Biotropica, 2012, 44, 689-698.	0.8	31
43	Genetic evidence for recent range fragmentation and severely restricted dispersal in the critically endangered Sierra Madre Sparrow, Xenospiza baileyi. Conservation Genetics, 2012, 13, 283-291.	0.8	11
44	Projected changes in elevational distribution and flight performance of montane Neotropical hummingbirds in response to climate change. Global Change Biology, 2011, 17, 1671-1680.	4.2	28
45	Diversification in Adelomyia hummingbirds follows Andean uplift. Molecular Ecology, 2011, 20, 4564-4576.	2.0	100
46	TESTING ALTERNATIVE HYPOTHESES FOR EVOLUTIONARY DIVERSIFICATION IN AN AFRICAN SONGBIRD: RAINFOREST REFUGIA VERSUS ECOLOGICAL GRADIENTS. Evolution; International Journal of Organic Evolution, 2011, 65, 3162-3174.	1.1	43
47	Evolutionary patterns of diversification in the Andean hummingbird genus Adelomyia. Molecular Phylogenetics and Evolution, 2011, 60, 207-218.	1.2	41
48	A cryptic contact zone between divergent mitochondrial DNA lineages in southwestern North America supports past introgressive hybridization in the yellow-rumped warbler complex (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29		
49	Patterns of divergence in the olive sunbird Cyanomitra olivacea (Aves: Nectariniidae) across the African rainforest-savanna ecotone. Biological Journal of the Linnean Society, 2011, 103, 821-835.	0.7	31
50	Evolutionary principles and their practical application. Evolutionary Applications, 2011, 4, 159-183.	1.5	230
51	Humanâ€induced morphological shifts in an island lizard. Evolutionary Applications, 2011, 4, 388-396.	1.5	37
52	Mapping evolutionary process: a multiâ€taxa approach to conservation prioritization. Evolutionary Applications, 2011, 4, 397-413.	1.5	84
53	Human Impacts Flatten Rainforest-Savanna Gradient and Reduce Adaptive Diversity in a Rainforest Bird. PLoS ONE, 2010, 5, e13088.	1.1	9
54	Modeling environmentally associated morphological and genetic variation in a rainforest bird, and its application to conservation prioritization. Evolutionary Applications, 2010, 3, 1-16.	1.5	52

#	Article	IF	Citations
55	The prevalence of avianPlasmodiumis higher in undisturbed tropical forests of Cameroon. Journal of Tropical Ecology, 2009, 25, 439-447.	0.5	65
56	Birdsong tuned to the environment: green hylia song varies with elevation, tree cover, and noise. Behavioral Ecology, 2009, 20, 1089-1095.	1.0	104
57	Character displacement of song and morphology in African tinkerbirds. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8256-8261.	3.3	137
58	Prevalence and diversity patterns of avian blood parasites in degraded African rainforest habitats. Molecular Ecology, 2009, 18, 4121-4133.	2.0	103
59	Development of beak polymorphism in the African seedcracker,Pyrenestes ostrinus. Evolution & Development, 2009, 11, 636-646.	1.1	25
60	Equating Forest Conservation with Hornbill Conservation. Conservation Biology, 2009, 23, 782-783.	2.4	0
61	Modeling distribution of Amazonian tree species and diversity using remote sensing measurements. Remote Sensing of Environment, 2008, 112, 2000-2017.	4.6	202
62	Evolutionary consequences of human disturbance in a rainforest bird species from Central Africa. Molecular Ecology, 2008, 17, 58-71.	2.0	42
63	Evolutionary change in humanâ€altered environments. Molecular Ecology, 2008, 17, 1-8.	2.0	130
64	Predicting species distributions across the Amazonian and Andean regions using remote sensing data. Journal of Biogeography, 2008, 35, 1160-1176.	1.4	178
65	ECOMORPHOLOGY OF MIGRATORY AND SEDENTARY POPULATIONS OF THE YELLOW-RUMPED WARBLER (DENDROICA CORONATA). Condor, 2008, 110, 335-344.	0.7	54
66	The role of geography and ecology in shaping the p hylogeography of the speckled hummingbird (Adelomyia melanogenys) in Ecuador. Molecular Phylogenetics and Evolution, 2007, 43, 795-807.	1.2	61
67	Intraspecific variation in Anolis sagrei mirrors the adaptive radiation of Greater Antillean anoles. Biological Journal of the Linnean Society, 2007, 90, 189-199.	0.7	35
68	PROBING THE ADAPTIVE LANDSCAPE USING EXPERIMENTAL ISLANDS: DENSITY-DEPENDENT NATURAL SELECTION ON LIZARD BODY SIZE. Evolution; International Journal of Organic Evolution, 2007, 61, 1052-1061.	1.1	76
69	Hunting of Mammals Reduces Seed Removal and Dispersal of the Afrotropical TreeAntrocaryon klaineanum(Anacardiaceae). Biotropica, 2007, 39, 340-347.	0.8	99
70	ELEVATIONAL ZONATION AND THE PHYLOGENETIC RELATIONSHIPS OF THE HENICORHINA WOOD-WRENS. Auk, 2006, 123, 119.	0.7	40
71	Elevational Zonation and the Phylogenetic Relationships of the Henicorhina Wood-Wrens. Auk, 2006, 123, 119-134.	0.7	42
72	POSTGLACIAL POPULATION EXPANSION DRIVES THE EVOLUTION OF LONG-DISTANCE MIGRATION IN A SONGBIRD. Evolution; International Journal of Organic Evolution, 2006, 60, 2403-2409.	1.1	92

#	Article	IF	Citations
73	Isolation of polymorphic tetranucleotide microsatellite markers for the black-bellied seedcracker (Pyrenestes ostrinus). Molecular Ecology Notes, 2005, 5, 774-776.	1.7	1
74	Molecular evidence for host specificity of parasitic nematode microfilariae in some African rainforest birds. Molecular Ecology, 2005, 14, 3977-3988.	2.0	33
75	Current and historical factors influencing patterns of species richness and turnover of birds in the Gulf of Guinea highlands. Journal of Biogeography, 2005, 32, 1371-1384.	1.4	42
76	Importance of Body Size in Determining Dominance Hierarchies among Diverse Tropical Frugivores¹. Biotropica, 2005, 37, 96-101.	0.8	65
77	A comparison of variation between a MHC pseudogene and microsatellite loci of the little greenbul (Andropadus virens). BMC Evolutionary Biology, 2005, 5, 47.	3.2	13
78	COMBINING ISOTOPIC AND GENETIC MARKERS TO IDENTIFY BREEDING ORIGINS OF MIGRANT BIRDS. , 2005, 15, 1487-1494.		90
79	Limited Utility of mtDNA Markers for Determining Connectivity among Breeding and Overwintering Locations in Three Neotropical Migrant Birds. Conservation Biology, 2004, 18, 156-166.	2.4	75
80	Breeding and nest site characteristics of the Black-casqued Hornbill Ceratogymna atrata and White-thighed Hornbill Ceratogymna cylindricus in south-central Cameroon. Ostrich, 2004, 75, 79-88.	0.4	12
81	Combining genetic markers and stable isotopes to reveal population connectivity and migration patterns in a Neotropical migrant, Wilson's warbler (Wilsonia pusilla). Molecular Ecology, 2003, 12, 819-830.	2.0	157
82	A Call for Feather Sampling. Auk, 2003, 120, 218-221.	0.7	6
83	Not as the crow flies: a historical explanation for circuitous migration in Swainson's thrush (Catharus ustulatus). Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1375-1381.	1.2	196
84	BIRDSONG AND SOUND TRANSMISSION: THE BENEFITSOF REVERBERATIONS. Condor, 2002, 104, 564.	0.7	87
85	DIFFERENTIAL RESOURCE USE BY PRIMATES AND HORNBILLS: IMPLICATIONS FOR SEED DISPERSAL. Ecology, 2002, 83, 228-240.	1.5	138
86	Bird song, ecology and speciation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 493-503.	1.8	438
87	Closing the seed dispersal loop. Trends in Ecology and Evolution, 2002, 17, 379-386.	4.2	599
88	Birdsong and Sound Transmission: The Benefits of Reverberations. Condor, 2002, 104, 564-573.	0.7	106
89	Implications of long-distance movements of frugivorous rain forest hornbills. Ecography, 2002, 25, 745-749.	2.1	86
90	HABITAT-DEPENDENT SONG DIVERGENCE IN THE LITTLE GREENBUL: AN ANALYSIS OF ENVIRONMENTAL SELECTION PRESSURES ON ACOUSTIC SIGNALS. Evolution; International Journal of Organic Evolution, 2002, 56, 1849-1858.	1.1	298

#	Article	IF	Citations
91	Refugial isolation versus ecological gradients. Contemporary Issues in Genetics and Evolution, 2001, , 383-398.	0.9	13
92	Biodiversity hotspots and beyond: the need for preserving environmental transitions. Trends in Ecology and Evolution, 2001, 16, 431.	4.2	155
93	Seed dispersal by a diurnal primate community in the Dja Reserve, Cameroon. Journal of Tropical Ecology, 2001, 17, 787-808.	0.5	106
94	Putting process on the map: why ecotones are important for preserving biodiversity. , 2001, , 166-197.		12
95	Host specificity and incidence of Trypanosoma in some African rainforest birds: a molecular approach. Molecular Ecology, 2001, 10, 2319-2327.	2.0	103
96	Seasonal variation in the feeding ecology of the grey-cheeked mangabey (Lophocebus albigena) in Cameroon. American Journal of Primatology, 2001, 54, 91-105.	0.8	105
97	Refugial isolation versus ecological gradients. Testing alternative mechanisms of evolutionary divergence in four rainforest vertebrates. Genetica, 2001, 112/113, 383-398.	0.5	100
98	Seed dispersal and movement patterns in two species of Ceratogymna hornbills in a West African tropical lowland forest. Oecologia, 2000, 125, 249-257.	0.9	187
99	Comparative avian biodiversity of five mountains in northern Cameroon and Bioko. Ostrich, 2000, 71, 269-276.	0.4	6
100	Habitat use and resource tracking by African Ceratogymna hornbills: implications for seed dispersal and forest conservation. Animal Conservation, 1998, 1, 107-117.	1.5	67
101	Approaches to the reintroduction of the Bali mynah. Zoo Biology, 1998, 17, 267-284.	0.5	11
102	Ecology and speciation. Trends in Ecology and Evolution, 1998, 13, 502-506.	4.2	398
103	Seed dispersal by Ceratogymna hornbills in the Dja Reserve, Cameroon. Journal of Tropical Ecology, 1998, 14, 351-371.	0.5	89
104	Limitations of Captive Breeding: Reply to Gippoliti and Carpaneto. Conservation Biology, 1997, 11, 808-810.	2.4	10
105	Adaptive significance of the megaâ€billed form in the polymorphic Blackâ€bellied Seedcracker Pyrenestes ostrinus. Ibis, 1997, 139, 382-387.	1.0	15
106	EVOLUTIONARY SIGNIFICANCE OF RESOURCE POLYMORPHISMS IN FISHES, AMPHIBIANS, AND BIRDS. Annual Review of Ecology, Evolution, and Systematics, 1996, 27, 111-133.	6.7	575
107	A preliminary survey of birds from the Lac Lobeke Reserve, south-eastern Cameroon. Bird Conservation International, 1996, 6, 167-174.	0.7	0
108	Limitations of Captive Breeding in Endangered Species Recovery. Conservation Biology, 1996, 10, 338-348.	2.4	581

#	Article	IF	Citations
109	Shrinkage is Not the Most Likely Cause of Bill Change in Iiwi: A Rejoinder to Winker. Conservation Biology, 1996, 10, 659-660.	2.4	5
110	Evolutionary Consequences of Extinctions in Populations of a Hawaiian Honeycreeper. Conservation Biology, 1995, 9, 107-113.	2.4	118
111	Resource polymorphisms in vertebrates. Trends in Ecology and Evolution, 1995, 10, 366-370.	4.2	586