

Richard D Stevens

List of Publications by Year in descending order

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82
papers

2,643
citations

172457

29
h-index

214800

47
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84
all docs

84
docs citations

84
times ranked

3659
citing authors

#	ARTICLE	IF	CITATIONS
1	The Latitudinal Gradient in Niche Breadth: Concepts and Evidence. <i>American Naturalist</i> , 2004, 164, E1-E19.	2.1	207
2	Is there a correlation between abundance and environmental suitability derived from ecological niche modelling? A meta-analysis. <i>Ecography</i> , 2017, 40, 817-828.	4.5	165
3	Patterns of functional diversity across an extensive environmental gradient: vertebrate consumers, hidden treatments and latitudinal trends. <i>Ecology Letters</i> , 2003, 6, 1099-1108.	6.4	162
4	GEOGRAPHICAL ECOLOGY AT THE COMMUNITY LEVEL: PERSPECTIVES ON THE DIVERSITY OF NEW WORLD BATS. <i>Ecology</i> , 2002, 83, 545-560.	3.2	134
5	Historical processes enhance patterns of diversity along latitudinal gradients. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2283-2289.	2.6	97
6	Threshold effect of habitat loss on bat richness in cerrado forest landscapes. <i>Ecological Applications</i> , 2016, 26, 1854-1867.	3.8	82
7	Bats with hATs: Evidence for Recent DNA Transposon Activity in Genus <i>Myotis</i> . <i>Molecular Biology and Evolution</i> , 2006, 24, 632-639.	8.9	77
8	Elements of metacommunity structure of Paraguayan bats: multiple gradients require analysis of multiple ordination axes. <i>Oecologia</i> , 2009, 160, 781-793.	2.0	73
9	Untangling latitudinal richness gradients at higher taxonomic levels: familial perspectives on the diversity of New World bat communities. <i>Journal of Biogeography</i> , 2004, 31, 665-674.	3.0	67
10	Patterns of species co-occurrence and density compensation: a test for interspecific competition in bat ectoparasite infracommunities. <i>Oikos</i> , 2008, 117, 693-702.	2.7	59
11	Multiple environmental determinants of regional species richness and effects of geographic range size. <i>Ecography</i> , 2010, 33, 796-808.	4.5	56
12	Relative effects of time for speciation and tropical niche conservatism on the latitudinal diversity gradient of phyllostomid bats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2528-2536.	2.6	56
13	Complete mitochondrial genome sequences of three bats species and whole genome mitochondrial analyses reveal patterns of codon bias and lend support to a basal split in Chiroptera. <i>Gene</i> , 2012, 492, 121-129.	2.2	56
14	Conflicting Evolutionary Histories of the Mitochondrial and Nuclear Genomes in New World <i>Myotis</i> Bats. <i>Systematic Biology</i> , 2018, 67, 236-249.	5.6	56
15	<sc>ATLANTIC BATS</sc>: a data set of bat communities from the Atlantic Forests of South America. <i>Ecology</i> , 2017, 98, 3227-3227.	3.2	55
16	Insights into the assembly rules of a continent-wide multilayer network. <i>Nature Ecology and Evolution</i> , 2019, 3, 1525-1532.	7.8	52
17	Gradients of Bat Diversity in Atlantic Forest of South America: Environmental Seasonality, Sampling Effort and Spatial Autocorrelation. <i>Biotropica</i> , 2013, 45, 764-770.	1.6	50
18	Metacommunity analysis of Mexican bats: environmentally mediated structure in an area of high geographic and environmental complexity. <i>Journal of Biogeography</i> , 2012, 39, 177-192.	3.0	47

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19	Reducing bat fatalities at wind facilities while improving the economic efficiency of operational mitigation. <i>Journal of Mammalogy</i> , 2017, 98, 378-385.	1.3	41
20	Geographical ecology of Paraguayan bats: spatial integration and metacommunity structure of interacting assemblages. <i>Journal of Animal Ecology</i> , 2007, 76, 1086-1093.	2.8	39
21	Ecological biogeography of Mexican bats: the relative contributions of habitat heterogeneity, beta diversity, and environmental gradients to species richness and composition patterns. <i>Ecography</i> , 2015, 38, 261-272.	4.5	39
22	Survey Sequencing Reveals Elevated DNA Transposon Activity, Novel Elements, and Variation in Repetitive Landscapes among Vesper Bats. <i>Genome Biology and Evolution</i> , 2012, 4, 575-585.	2.5	38
23	<i>Collpas</i> : Activity Hotspots for Frugivorous Bats (Phyllostomidae) in the Peruvian Amazon. <i>Biotropica</i> , 2008, 40, 203-210.	1.6	37
24	Fragmented tropical forests lose mutualistic plant–animal interactions. <i>Diversity and Distributions</i> , 2020, 26, 154-168.	4.1	37
25	Latitudinal gradients in the phenetic diversity of New World bat communities. <i>Oikos</i> , 2006, 112, 41-50.	2.7	36
26	Density compensation in New World bat communities. <i>Oikos</i> , 2000, 89, 367-377.	2.7	35
27	Community structure, abundance, and morphology. <i>Oikos</i> , 2000, 88, 48-56.	2.7	34
28	Phylogenetic structure illuminates the mechanistic role of environmental heterogeneity in community organization. <i>Journal of Animal Ecology</i> , 2012, 81, 455-462.	2.8	34
29	Dimensionality of community structure: phylogenetic, morphological and functional perspectives along biodiversity and environmental gradients. <i>Ecography</i> , 2015, 38, 861-875.	4.5	34
30	COMPARATIVE COMMUNITY ECOLOGY OF BATS FROM EASTERN PARAGUAY: TAXONOMIC, ECOLOGICAL, AND BIOGEOGRAPHIC PERSPECTIVES. <i>Journal of Mammalogy</i> , 2004, 85, 698-707.	1.3	30
31	The disappearing Dry Chaco, one of the last dry forest systems on earth. <i>Landscape Ecology</i> , 2021, 36, 2997-3012.	4.2	29
32	On the measurement of dimensionality of biodiversity. <i>Global Ecology and Biogeography</i> , 2014, 23, 1115-1125.	5.8	28
33	Micro- and Macrohabitat Associations in Mojave Desert Rodent Communities. <i>Journal of Mammalogy</i> , 2009, 90, 388-403.	1.3	26
34	Phylogenetic community structure of North American desert bats: influence of environment at multiple spatial and taxonomic scales. <i>Journal of Animal Ecology</i> , 2016, 85, 1118-1130.	2.8	26
35	Diversity begets diversity: relative roles of structural and resource heterogeneity in determining rodent community structure. <i>Journal of Mammalogy</i> , 2011, 92, 387-395.	1.3	25
36	Does a latitudinal gradient in seedling survival favour larger seeds in the tropics?. <i>Ecology Letters</i> , 2004, 7, 911-914.	6.4	24

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37	Seasonal environments, episodic density compensation and dynamics of structure of chiropteran frugivore guilds in Paraguayan Atlantic forest. <i>Biodiversity and Conservation</i> , 2012, 21, 267-279.	2.6	24
38	Stronger Tests of Mechanisms Underlying Geographic Gradients of Biodiversity: Insights from the Dimensionality of Biodiversity. <i>PLoS ONE</i> , 2013, 8, e56853.	2.5	24
39	Simultaneous TE Analysis of 19 Heliconiine Butterflies Yields Novel Insights into Rapid TE-Based Genome Diversification and Multiple SINE Births and Deaths. <i>Genome Biology and Evolution</i> , 2019, 11, 2162-2177.	2.5	23
40	Fragmentation of Atlantic Forest has not affected gene flow of a widespread seed-dispersing bat. <i>Molecular Ecology</i> , 2013, 22, 4619-4633.	3.9	22
41	The Evolution of Group Stability and Roost Lifespan: Perspectives from Tentative Roosting Bats. <i>Biotropica</i> , 2012, 44, 90-97.	1.6	21
42	Targeted Capture of Phylogenetically Informative Ves SINE Insertions in Genus <i>Myotis</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 1664-1675.	2.5	21
43	Absolute and Relative Secondary-Sexual Dimorphism in Wing Morphology: A Multivariate Test of the "Big Mother" Hypothesis. <i>Acta Chiropterologica</i> , 2013, 15, 163-170.	0.6	20
44	Have old species reached most environmentally suitable areas? A case study with South American phyllostomid bats. <i>Global Ecology and Biogeography</i> , 2014, 23, 1177-1185.	5.8	20
45	Role of environmental, historical and spatial processes in the structure of Neotropical primate communities: contrasting taxonomic and phylogenetic perspectives. <i>Global Ecology and Biogeography</i> , 2013, 22, 607-619.	5.8	19
46	A latitudinal gradient in dimensionality of biodiversity. <i>Ecography</i> , 2018, 41, 2016-2026.	4.5	19
47	Rapid development and screening of microsatellite loci for <i>Artibeus lituratus</i> and their utility for six related species within Phyllostomidae. <i>Molecular Ecology Resources</i> , 2011, 11, 903-913.	4.8	18
48	Taxonomic and Phylogenetic Determinants of Functional Composition of Bolivian Bat Assemblages. <i>PLoS ONE</i> , 2016, 11, e0158170.	2.5	18
49	Gradients of mammalian biodiversity through space and time. <i>Journal of Mammalogy</i> , 2019, 100, 1069-1086.	1.3	18
50	Body size and resource competition in New World bats: a test of spatial scaling laws. <i>Ecography</i> , 2011, 34, 460-468.	4.5	17
51	A High-Quality Reference Genome Assembly of the Saltwater Crocodile, <i>Crocodylus porosus</i> , Reveals Patterns of Selection in Crocodylidae. <i>Genome Biology and Evolution</i> , 2020, 12, 3635-3646.	2.5	15
52	Investigating sensitivity of phylogenetic community structure metrics using North American desert bats. <i>Journal of Mammalogy</i> , 2014, 95, 1240-1253.	1.3	14
53	Patterns of secondary sexual size dimorphism in New World <i>Myotis</i> and a test of Rensch's rule. <i>Journal of Mammalogy</i> , 2015, 96, 1128-1134.	1.3	13
54	Geographic variation of wing morphology of great fruit-eating bats (<i>Artibeus lituratus</i>): environmental, genetic and spatial correlates of phenotypic differences. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 734-744.	1.6	13

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55	Differential SINE evolution in vesper and non-vesper bats. <i>Mobile DNA</i> , 2015, 6, 10.	3.6	12
56	Do desert rodents form metacommunities?. <i>Journal of Mammalogy</i> , 2012, 93, 1029-1041.	1.3	11
57	Mammals on mountainsides revisited: Trait-based tests of assembly reveal the importance of abiotic filters. <i>Journal of Biogeography</i> , 2021, 48, 1606-1621.	3.0	11
58	Macro and Microhabitat Associations of the Peter's Tent-roosting Bat (<i>Uroderma bilobatum</i>): Human-induced Selection and Colonization?. <i>Biotropica</i> , 2013, 45, 511-519.	1.6	9
59	Human-modified habitats change patterns of population genetic structure and group relatedness in Peter's tent-roosting bats. <i>Ecology and Evolution</i> , 2016, 6, 6050-6063.	1.9	9
60	Temporal-dependent effects of DNA degradation on frozen tissues archived at ~80°C. <i>Journal of Mammalogy</i> , 2021, 102, 375-383.	1.3	8
61	A systematic revision of the bats (Chiroptera) of Honduras: an updated checklist with corroboration of historical specimens and new records. <i>Zoosystematics and Evolution</i> , 2020, 96, 411-429.	1.1	8
62	SINE-Based Phylogenomics Reveal Extensive Introgression and Incomplete Lineage Sorting in <i>Myotis</i> . <i>Genes</i> , 2022, 13, 399.	2.4	8
63	Dietary variation during reproduction in Seba's short-tailed fruit bat. <i>Journal of Mammalogy</i> , 2018, 99, 440-449.	1.3	7
64	Chiropteran metacommunity structure in the Atlantic Forest of South America. <i>Journal of Biogeography</i> , 2020, 47, 2141-2155.	3.0	7
65	Relative contributions of ecological drift and selection on bat community structure in interior Atlantic Forest of Paraguay. <i>Oecologia</i> , 2020, 193, 645-654.	2.0	6
66	Dietary patterns of phyllostomid bats in interior Atlantic Forest of eastern Paraguay. <i>Journal of Mammalogy</i> , 2021, 102, 685-694.	1.3	6
67	Cotton cultivar response to potassium fertilizer application in Texas southern high plains. <i>Agronomy Journal</i> , 2021, 113, 5436-5453.	1.8	6
68	Dietary affinities, resource overlap and core structure in Atlantic Forest phyllostomid bat communities. <i>Mammal Review</i> , 2022, 52, 177-191.	4.8	6
69	Seasonal Changes in the Active Bat Community of the Kisatchie National Forest, Louisiana. <i>Southeastern Naturalist</i> , 2020, 19, 524.	0.4	6
70	Habitat Associations of Overwintering Bats in Managed Pine Forest Landscapes. <i>Forests</i> , 2022, 13, 803.	2.1	6
71	Peninsula effect and species richness gradient in terrestrial mammals on the Korean Peninsula and other peninsulas. <i>Mammal Review</i> , 2017, 47, 266-276.	4.8	5
72	Pronghorn habitat suitability in the Texas Panhandle. <i>Journal of Wildlife Management</i> , 2016, 80, 1471-1478.	1.8	4

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73	Diets Containing Egg or Whey Protein and Inulin Fiber Improve Energy Balance and Modulate Gut Microbiota in Exercising Obese Rats. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100653.	3.3	4
74	THE STATUS OF PSEUDOGYMNOASCUS DESTRUCTANS IN LOUISIANA. <i>Southwestern Naturalist</i> , 2019, 63, 216.	0.1	3
75	Reflections of Grinnellian and Eltonian niches on the distribution of phyllostomid bats in the Atlantic Forest. <i>Journal of Biogeography</i> , 0, , .	3.0	3
76	<scp>NeoBat</scp> Interactions: A data set of batâ€“plant interactions in the <scp>Neotropics</scp>. <i>Ecology</i> , 2022, 103, e3640.	3.2	3
77	Effects of Seasonality and Bait Type on Capture Efficacy and Sex Ratio of Plains Spotted Skunks. <i>Southeastern Naturalist</i> , 2021, 20, .	0.4	2
78	Ecological gradients explain variation of phyllostomid bat (Chiroptera: Phyllostomidae) diversity in Honduras. <i>Mammalian Biology</i> , 2021, 101, 949-961.	1.5	1
79	Geographical Ecology at the Community Level: Perspectives on the Diversity of New World Bats. <i>Ecology</i> , 2002, 83, 545.	3.2	1
80	Broad-scale gradients of resource utilization by phyllostomid bats in Atlantic Forest: patterns of dietary overlap, turnover and the efficacy of ecomorphological approaches. <i>Oecologia</i> , 2022, 198, 785-799.	2.0	1
81	The North American Beaver (<i>Castor canadensis</i>) is Recolonizing the Llano Estacado. <i>Western North American Naturalist</i> , 2022, 82, .	0.4	1
82	A PIGEON'S EYE VIEW OF A UNIVERSITY CAMPUS. <i>Southwestern Naturalist</i> , 2022, 66, .	0.1	0