

David K Skelly

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

4,063
citations

218381

26
h-index

223531

46
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52
all docs

52
docs citations

52
times ranked

4325
citing authors

#	ARTICLE	IF	CITATIONS
1	MECHANISMS CREATING COMMUNITY STRUCTURE ACROSS A FRESHWATER HABITAT GRADIENT. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1996, 27, 337-363.	6.7	1,248
2	Microgeographic adaptation and the spatial scale of evolution. <i>Trends in Ecology and Evolution</i> , 2014, 29, 165-176.	4.2	413
3	LONG-TERM DISTRIBUTIONAL DYNAMICS OF A MICHIGAN AMPHIBIAN ASSEMBLAGE. <i>Ecology</i> , 1999, 80, 2326-2337.	1.5	265
4	Amphibian species richness across environmental gradients. <i>Oikos</i> , 2007, 116, 1697-1712.	1.2	236
5	Evolutionary Responses to Climate Change. <i>Conservation Biology</i> , 2007, 21, 1353-1355.	2.4	220
6	Stream communities across a rural-urban landscape gradient. <i>Diversity and Distributions</i> , 2006, 12, 337-350.	1.9	179
7	EXPERIMENTAL VENUE AND ESTIMATION OF INTERACTION STRENGTH. <i>Ecology</i> , 2002, 83, 2097-2101.	1.5	130
8	MICROGEOGRAPHIC COUNTERGRADIENT VARIATION IN THE WOOD FROG, <i>RANA SYLVATICA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 160-165.	1.1	110
9	Venue and outcome in ecological experiments: manipulations of larval anurans. <i>Oikos</i> , 2001, 94, 198-208.	1.2	92
10	Microgeographical variation in thermal preference by an amphibian. <i>Ecology Letters</i> , 2004, 7, 369-373.	3.0	89
11	Suburbanization, estrogen contamination, and sex ratio in wild amphibian populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11881-11886.	3.3	88
12	Estimating Decline and Distributional Change in Amphibians. <i>Conservation Biology</i> , 2003, 17, 744-751.	2.4	87
13	Comparative landscape dynamics of two anuran species: climate-driven interaction of local and regional processes. <i>Ecological Monographs</i> , 2009, 79, 503-521.	2.4	80
14	Sex-linked markers in the North American green frog (<i>Rana clamitans</i>) developed using DArTseq provide early insight into sex chromosome evolution. <i>BMC Genomics</i> , 2016, 17, 844.	1.2	58
15	EFFECTS OF DISEASE AND POND DRYING ON GRAY TREE FROG GROWTH, DEVELOPMENT, AND SURVIVAL. <i>Ecology</i> , 2001, 82, 1956-1963.	1.5	57
16	CHOICE OF OVIPOSITION SITE BY GRAY TREEFROGS: THE ROLE OF POTENTIAL PARASITIC INFECTION. <i>Ecology</i> , 2000, 81, 2939-2943.	1.5	54
17	Canopy closure and amphibian diversity in forested wetlands. <i>Wetlands Ecology and Management</i> , 2005, 13, 261-268.	0.7	48
18	Range position and climate sensitivity: The structure of among-population demographic responses to climatic variation. <i>Global Change Biology</i> , 2018, 24, 439-454.	4.2	43

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19	Metamorphosis in an Era of Increasing Climate Variability. <i>Trends in Ecology and Evolution</i> , 2021, 36, 360-375.	4.2	41
20	Intersex Frogs Concentrated in Suburban and Urban Landscapes. <i>EcoHealth</i> , 2010, 7, 374-379.	0.9	37
21	Effectiveness of Predicting Breeding Bird Distributions Using Probabilistic Models. <i>Conservation Biology</i> , 1999, 13, 1108-1116.	2.4	35
22	Searching for Biotic Multipliers of Climate Change. <i>Integrative and Comparative Biology</i> , 2017, 57, 134-147.	0.9	34
23	Competition and the distribution of spring peeper larvae. <i>Oecologia</i> , 1995, 103, 203-207.	0.9	33
24	A ladybug exploration strategy for distributed adaptive coverage control. , 2008, , .		33
25	Experimental canopy removal enhances diversity of vernal pond amphibians. <i>Ecological Applications</i> , 2014, 24, 340-345.	1.8	32
26	Reconciling the role of terrestrial leaves in pond food webs: a whole-ecosystem experiment. <i>Ecology</i> , 2016, 97, 1771-1782.	1.5	31
27	Interactive effects of road salt and leaf litter on wood frog sex ratios and sexual size dimorphism. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 141-146.	0.7	29
28	Molecular evidence for sex reversal in wild populations of green frogs (<i>Rana clamitans</i>). <i>PeerJ</i> , 2019, 7, e6449.	0.9	28
29	Amphibian intersex in suburban landscapes. <i>Ecosphere</i> , 2014, 5, 1-9.	1.0	27
30	Sexual and somatic development of wood frog tadpoles along a thermal gradient. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018, 329, 72-79.	0.9	27
31	Rule-Based Models for Evaluating Mechanisms of Distributional Change. <i>Conservation Biology</i> , 1997, 11, 531-538.	2.4	24
32	Ribeiroia Infection Is Not Responsible for Vermont Amphibian Deformities. <i>EcoHealth</i> , 2007, 4, 156-163.	0.9	21
33	Diverse sources for endocrine disruption in the wild. <i>Endocrine Disruptors (Austin, Tex)</i> , 2016, 4, e1148803.	1.1	21
34	Phenological delay despite warming in wood frog <i>Rana sylvatica</i> reproductive timing: a 20-year study. <i>Ecography</i> , 2020, 43, 1791-1800.	2.1	18
35	Estimating species relative abundances from museum records. <i>Methods in Ecology and Evolution</i> , 2023, 14, 431-443.	2.2	14
36	Daphniid zooplankton assemblage shifts in response to eutrophication and metal contamination during the Anthropocene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170865.	1.2	14

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37	Cross-Scale Interactions and the Distribution-Abundance Relationship. PLoS ONE, 2014, 9, e97387.	1.1	12
38	Temperature-mediated trade-off between development and performance in larval wood frogs (<i>Rana</i>) Tj ETQq0 0 0 rgBT /Overlock 146-157.	0.9	8
39	Mystery unsolved: missing limbs in deformed amphibians. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2010, 314B, 179-181.	0.6	6
40	Septic systems, but not sanitary sewer lines, are associated with elevated estradiol in male frog metamorphs from suburban ponds. General and Comparative Endocrinology, 2016, 232, 109-114.	0.8	6
41	Species absence in developed landscapes: an experimental evaluation. Landscape Ecology, 2017, 32, 609-615.	1.9	6
42	Suburbanization Increases Echinostome Infection in Green Frogs and Snails. EcoHealth, 2019, 16, 235-247.	0.9	6
43	Rapid microgeographic evolution in response to climate change. Evolution; International Journal of Organic Evolution, 2021, 75, 2930-2943.	1.1	6
44	Predicting Anuran Abundance Using an Automated Acoustics Approach. Journal of Herpetology, 2017, 51, 582-589.	0.2	4
45	CHOICE OF OVIPOSITION SITE BY GRAY TREEFROGS: THE ROLE OF POTENTIAL PARASITIC INFECTION. , 2000, 81, 2939.		4
46	The ailing invader. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17561-17562.	3.3	3
47	A climate for contemporary evolution. BMC Biology, 2010, 8, 136.	1.7	3
48	Asynchrony, density dependence, and persistence in an amphibian. Ecology, 2022, 103, e3696.	1.5	2
49	EFFECTS OF DISEASE AND POND DRYING ON GRAY TREE FROG GROWTH, DEVELOPMENT, AND SURVIVAL. , 2001, 82, 1956.		1