

# David E Scott

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

5,191  
citations

218662

26  
h-index

182417

51  
g-index

53  
all docs

53  
docs citations

53  
times ranked

4233  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Global Decline of Reptiles, DÃ©jÃ Vu Amphibians. <i>BioScience</i> , 2000, 50, 653.	4.9	1,212
2	Time and Size at Metamorphosis Related to Adult Fitness in <i>Ambystoma Talpoideum</i> . <i>Ecology</i> , 1988, 69, 184-192.	3.2	743
3	Declining Amphibian Populations: The Problem of Separating Human Impacts from Natural Fluctuations. <i>Science</i> , 1991, 253, 892-895.	12.6	622
4	The Effect of Larval Density on Adult Demographic Traits in <i>Ambystoma Opacum</i> . <i>Ecology</i> , 1994, 75, 1383-1396.	3.2	314
5	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019, 10, 3109.	12.8	285
6	Remarkable Amphibian Biomass and Abundance in an Isolated Wetland: Implications for Wetland Conservation. <i>Conservation Biology</i> , 2006, 20, 1457-1465.	4.7	215
7	Structure and Dynamics of an Amphibian Community. , 1996, , 217-248.		211
8	Effects of Larval Density in <i>Ambystoma Opacum</i> : An Experiment Large-Scale Field Enclosures. <i>Ecology</i> , 1990, 71, 296-306.	3.2	158
9	Climate change correlates with rapid delays and advancements in reproductive timing in an amphibian community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2191-2197.	2.6	151
10	AMPHIBIAN POPULATION DECLINES AT SAVANNAH RIVER SITE ARE LINKED TO CLIMATE, NOT CHYTRIDIOMYCOSIS. <i>Ecology</i> , 2005, 86, 3232-3237.	3.2	149
11	Amphibian lipid levels at metamorphosis correlate to post-metamorphic terrestrial survival. <i>Oecologia</i> , 2007, 153, 521-532.	2.0	128
12	Amphibian colonization and use of ponds created for trial mitigation of wetland loss. <i>Wetlands</i> , 2001, 21, 93-111.	1.5	105
13	Catastrophic Reproductive Failure, Terrestrial Survival, and Persistence of the Marbled Salamander. <i>Conservation Biology</i> , 2006, 20, 792-801.	4.7	101
14	Effects of Toe-Clipping and PIT-Tagging on Growth and Survival in Metamorphic <i>Ambystoma opacum</i> . <i>Journal of Herpetology</i> , 1999, 33, 344.	0.5	67
15	Influence of Drought on Salamander Occupancy of Isolated Wetlands on the Southeastern Coastal Plain of the United States. <i>Wetlands</i> , 2013, 33, 345-354.	1.5	58
16	Perceptions of Species Abundance, Distribution, and Diversity: Lessons from Four Decades of Sampling on a Government-Managed Reserve. <i>Environmental Management</i> , 1997, 21, 259-268.	2.7	55
17	Phenotypic Variation in the Arrival Time of Breeding Salamanders: Individual Repeatability and Environmental Influences. <i>Journal of Animal Ecology</i> , 1993, 62, 334.	2.8	47
18	Maternal Transfer of Contaminants and Reduced Reproductive Success of Southern Toads ( <i>Bufo</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0 2013, 47, 2846-2853.	10.0	43

#	ARTICLE	IF	CITATIONS
19	Effects of Hatching Time for Larval Ambystomatid Salamanders. <i>Copeia</i> , 2002, 2002, 511-517.	1.3	41
20	Genomic data detect corresponding signatures of population size change on an ecological time scale in two salamander species. <i>Molecular Ecology</i> , 2017, 26, 1060-1074.	3.9	39
21	Timing of Reproduction of Paedomorphic and Metamorphic <i>Ambystoma talpoideum</i> . <i>American Midland Naturalist</i> , 1993, 129, 397.	0.4	33
22	Effects of chronic copper exposure on development and survival in the southern leopard frog ( <i>Lithobates [Rana] sphenoccephalus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1587-1594.	4.3	33
23	Interactive effects of maternal and environmental exposure to coal combustion wastes decrease survival of larval southern toads ( <i>Bufo terrestris</i> ). <i>Environmental Pollution</i> , 2012, 164, 211-218.	7.5	31
24	Nitrogen Cycling as Affected by Interactions of Components in a Georgia Piedmont Agroecosystem. <i>Ecology</i> , 1986, 67, 80-87.	3.2	30
25	Biological Connectivity of Seasonally Poned Wetlands across Spatial and Temporal Scales. <i>Journal of the American Water Resources Association</i> , 2019, 55, 334-353.	2.4	30
26	Determinants of nest success in the marbled salamander ( <i>Ambystoma opacum</i> ). <i>Canadian Journal of Zoology</i> , 1989, 67, 2277-2281.	1.0	29
27	Within- and among-population level differences in response to chronic copper exposure in southern toads, <i>Anaxyrus terrestris</i> . <i>Environmental Pollution</i> , 2013, 177, 135-142.	7.5	28
28	32 species validation of a new Illumina paired-end approach for the development of microsatellites. <i>PLoS ONE</i> , 2013, 8, e81853.	2.5	28
29	Terrestrial distribution of pond-breeding salamanders around an isolated wetland. <i>Ecology</i> , 2013, 94, 2537-2546.	3.2	22
30	Hepatic and renal trace element concentrations in American alligators ( <i>Alligator mississippiensis</i> ) following chronic dietary exposure to coal fly ash contaminated prey. <i>Environmental Pollution</i> , 2016, 214, 680-689.	7.5	22
31	Lethal and sublethal measures of chronic copper toxicity in the eastern narrowmouth toad, <i>Gastrophryne carolinensis</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 575-582.	4.3	16
32	Habitat Use by Insular Populations of <i>Mus</i> and <i>Peromyscus</i> : What is the Role of Competition?. <i>Journal of Animal Ecology</i> , 1992, 61, 329.	2.8	15
33	Experimental Evidence that Nest Attendance Benefits Female Marbled Salamanders ( <i>Ambystoma</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overload</i>	0.4	15
34	Multi-Level Effects of Low Dose Rate Ionizing Radiation on Southern Toad, <i>Anaxyrus [Bufo] terrestris</i> . <i>PLoS ONE</i> , 2015, 10, e0125327.	2.5	14
35	Patterns of amphibian infection prevalence across wetlands on the Savannah River Site, South Carolina, USA. <i>Diseases of Aquatic Organisms</i> , 2016, 121, 1-14.	1.0	11
36	Effects of metal and predator stressors in larval southern toads ( <i>Anaxyrus terrestris</i> ). <i>Ecotoxicology</i> , 2016, 25, 1278-1286.	2.4	11

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37	Temporal genetic and demographic monitoring of pond-breeding amphibians in three contrasting population systems. <i>Conservation Genetics</i> , 2015, 16, 1335-1344.	1.5	9
38	Effects of two stressors on amphibian larval development. <i>Ecotoxicology and Environmental Safety</i> , 2012, 79, 283-287.	6.0	8
39	Understanding variation in salamander ionomes: A nutrient balance approach. <i>Freshwater Biology</i> , 2019, 64, 294-305.	2.4	8
40	Effects of copper exposure on hatching success and early larval survival in marbled salamanders, <i>Ambystoma opacum</i> . <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1631-1637.	4.3	7
41	Delayed effects and complex life cycles: How the larval aquatic environment influences terrestrial performance and survival. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2660-2669.	4.3	7
42	Acute toxicity of copper to the larval stage of three species of ambystomatid salamanders. <i>Ecotoxicology</i> , 2019, 28, 1023-1031.	2.4	7
43	Integrating copper toxicity and climate change to understand extinction risk to two species of pond-breeding anurans. <i>Ecological Applications</i> , 2016, 26, 1721-1732.	3.8	6
44	Phosphorus and cation dynamics of components and processes in conventional and no-tillage soybean agroecosystems. <i>Agriculture, Ecosystems and Environment</i> , 1988, 20, 81-100.	5.3	4
45	Mass Dynamics during Embryonic Development and Parental Investment in Cottonmouth Neonates. <i>Journal of Herpetology</i> , 1994, 28, 364.	0.5	4
46	Environmental levels of Zn do not protect embryos from Cu toxicity in three species of amphibians. <i>Environmental Pollution</i> , 2016, 214, 161-168.	7.5	4
47	Relationship of larval density and heterozygosity to growth and survival of juvenile marbled salamanders ( <i>Ambystoma opacum</i> ). <i>Canadian Journal of Zoology</i> , 1996, 74, 1122-1129.	1.0	3
48	Marbled salamanders ( <i>Ambystoma opacum</i> ) choose low elevation nest sites when cover availability is controlled. <i>Amphibia - Reptilia</i> , 2006, 27, 359-364.	0.5	3
49	Twelve novel microsatellite markers for the marbled salamander, <i>Ambystoma opacum</i> . <i>Conservation Genetics Resources</i> , 2011, 3, 773-775.	0.8	3
50	Gender Differences in Haemogregarine Infections in American Alligators ( <i>Alligator mississippiensis</i> ) at Savannah River, South Carolina, USA. <i>Journal of Wildlife Diseases</i> , 2011, 47, 1047-1049.	0.8	3
51	Efficacy of Labeling Wetlands with Enriched 15N to Determine Amphibian Dispersal. <i>Wetlands</i> , 2015, 35, 349-356.	1.5	2
52	Development and characterization of ten microsatellite loci for the eastern spadefoot toad, <i>Scaphiopus holbrookii</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 143-145.	0.8	1
53	Integrating copper toxicity and climate change to understand extinction risk to two species of pond-breeding anurans. , 2016, , n/a-n/a.		0