David E Scott

List of Publications by Year
in descending order

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53	5,191	218677	182427
papers	citations	26 h-index	51 g-index

53	53	53	4233
all docs	docs citations	times ranked	citing authors

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

#	Article	IF	Citations
19	Effects of Hatching Time for Larval Ambystomatid Salamanders. Copeia, 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. Molecular Ecology, 2017, 26, 1060-1074.	3.9	39
21	Timing of Reproduction of Paedomorphic and Metamorphic Ambystoma talpoideum. American Midland Naturalist, 1993, 129, 397.	0.4	33
22	Effects of chronic copper exposure on development and survival in the southern leopard frog (Lithobates [Rana] sphenocephalus). Environmental Toxicology and Chemistry, 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 (Bufo terrestris). Environmental Pollution, 2012, 164, 211-218.	7.5	31
24	Nitrogen Cycling as Affected by Interactions of Components in a Georgia Piedmont Agroecosystem. Ecology, 1986, 67, 80-87.	3.2	30
25	Biological Connectivity of Seasonally Ponded Wetlands across Spatial and Temporal Scales. Journal of the American Water Resources Association, 2019, 55, 334-353.	2.4	30
26	Determinants of nest success in the marbled salamander (Ambystoma opacum). Canadian Journal of Zoology, 1989, 67, 2277-2281.	1.0	29
27	Within- and among-population level differences in response to chronic copper exposure in southern toads, Anaxyrus terrestris. Environmental Pollution, 2013, 177, 135-142.	7.5	28
28	32 species validation of a new Illumina paired-end approach for the development of microsatellites. PLoS ONE, 2013, 8, e81853.	2.5	28
29	Terrestrial distribution of pond-breeding salamanders around an isolated wetland. Ecology, 2013, 94, 2537-2546.	3.2	22
30	Hepatic and renal trace element concentrations in American alligators (Alligator mississippiensis) following chronic dietary exposure to coal fly ash contaminated prey. Environmental Pollution, 2016, 214, 680-689.	7.5	22
31	Lethal and sublethal measures of chronic copper toxicity in the eastern narrowmouth toad, Gastrophryne carolinensis. Environmental Toxicology and Chemistry, 2015, 34, 575-582.	4.3	16
32	Habitat Use by Insular Populations of Mus and Peromyscus: What is the Role of Competition?. Journal of Animal Ecology, 1992, 61, 329.	2.8	15
33	Experimental Evidence that Nest Attendance Benefits Female Marbled Salamanders (Ambystoma) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	15
34	Multi-Level Effects of Low Dose Rate Ionizing Radiation on Southern Toad, Anaxyrus [Bufo] terrestris. PLoS ONE, 2015, 10, e0125327.	2.5	14
35	Patterns of amphibian infection prevalence across wetlands on the Savannah River Site, South Carolina, USA. Diseases of Aquatic Organisms, 2016, 121, 1-14.	1.0	11
36	Effects of metal and predator stressors in larval southern toads (Anaxyrus terrestris). Ecotoxicology, 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. Conservation Genetics, 2015, 16, 1335-1344.	1.5	9
38	Effects of two stressors on amphibian larval development. Ecotoxicology and Environmental Safety, 2012, 79, 283-287.	6.0	8
39	Understanding variation in salamander ionomes: A nutrient balance approach. Freshwater Biology, 2019, 64, 294-305.	2.4	8
40	Effects of copper exposure on hatching success and early larval survival in marbled salamanders, Ambystoma opacum. Environmental Toxicology and Chemistry, 2014, 33, 1631-1637.	4.3	7
41	Delayed effects and complex life cycles: How the larval aquatic environment influences terrestrial performance and survival. Environmental Toxicology and Chemistry, 2018, 37, 2660-2669.	4.3	7
42	Acute toxicity of copper to the larval stage of three species of ambystomatid salamanders. Ecotoxicology, 2019, 28, 1023-1031.	2.4	7
43	Integrating copper toxicity and climate change to understand extinction risk to two species of pondâ€breeding anurans. Ecological Applications, 2016, 26, 1721-1732.	3.8	6
44	Phosphorus and cation dynamics of components and processes in conventional and no-tillage soybean agroecosystems. Agriculture, Ecosystems and Environment, 1988, 20, 81-100.	5.3	4
45	Mass Dynamics during Embryonic Development and Parental Investment in Cottonmouth Neonates. Journal of Herpetology, 1994, 28, 364.	0.5	4
46	Environmental levels of Zn do not protect embryos from Cu toxicity in three species of amphibians. Environmental Pollution, 2016, 214, 161-168.	7.5	4
47	Relationship of larval density and heterozygosity to growth and survival of juvenile marbled salamanders (Ambystoma opacum). Canadian Journal of Zoology, 1996, 74, 1122-1129.	1.0	3
48	Marbled salamanders (Ambystoma opacum) choose low elevation nest sites when cover availability is controlled. Amphibia - Reptilia, 2006, 27, 359-364.	0.5	3
49	Twelve novel microsatellite markers for the marbled salamander, Ambystoma opacum. Conservation Genetics Resources, 2011, 3, 773-775.	0.8	3
50	Gender Differences in Haemogregarine Infections in American Alligators (Alligator mississippiensis) at Savannah River, South Carolina, USA. Journal of Wildlife Diseases, 2011, 47, 1047-1049.	0.8	3
51	Efficacy of Labeling Wetlands with Enriched 15N to Determine Amphibian Dispersal. Wetlands, 2015, 35, 349-356.	1.5	2
52	Development and characterization of ten microsatellite loci for the eastern spadefoot toad, Scaphiopus holbrookii. Conservation Genetics Resources, 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