

John D Willson

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,801
citations

279798

23
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

1777
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe mammal declines coincide with proliferation of invasive Burmese pythons in Everglades National Park. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2418-2422.	7.1	248
2	Remarkable Amphibian Biomass and Abundance in an Isolated Wetland: Implications for Wetland Conservation. <i>Conservation Biology</i> , 2006, 20, 1457-1465.	4.7	215
3	Needles in haystacks: Estimating detection probability and occupancy of rare and cryptic snakes. <i>Biological Conservation</i> , 2011, 144, 1508-1515.	4.1	131
4	Effects of Habitat Disturbance on Stream Salamanders: Implications for Buffer Zones and Watershed Management. <i>Conservation Biology</i> , 2003, 17, 763-771.	4.7	101
5	Three decades of urbanization: Estimating the impact of land-cover change on stream salamander populations. <i>Biological Conservation</i> , 2006, 133, 436-441.	4.1	78
6	Identifying plausible scenarios for the establishment of invasive Burmese pythons (<i>Python molurus</i>) in Southern Florida. <i>Biological Invasions</i> , 2011, 13, 1493-1504.	2.4	74
7	Mercury Exposure is Associated with Negative Effects on Turtle Reproduction. <i>Environmental Science & Technology</i> , 2013, 47, 2416-2422.	10.0	72
8	Seasonal variation in terrestrial resource subsidies influences trophic niche width and overlap in two aquatic snake species: a stable isotope approach. <i>Oikos</i> , 2010, 119, 1161-1171.	2.7	67
9	Snake predation on North American bird nests: culprits, patterns and future directions. <i>Journal of Avian Biology</i> , 2014, 45, 325-333.	1.2	58
10	Post-drought responses of semi-aquatic snakes inhabiting an isolated wetland: Insights on different strategies for persistence in a dynamic habitat. <i>Wetlands</i> , 2006, 26, 1071-1078.	1.5	55
11	Evaluating the Effects of Anthropogenic Stressors on Source-Sink Dynamics in Pond-Breeding Amphibians. <i>Conservation Biology</i> , 2013, 27, 595-604.	4.7	53
12	Income breeding allows an aquatic snake <i>Seminatrix pygaea</i> to reproduce normally following prolonged drought-induced aestivation. <i>Journal of Animal Ecology</i> , 2006, 75, 1352-1360.	2.8	50
13	Ecological and methodological factors affecting detectability and population estimation in elusive species. <i>Journal of Wildlife Management</i> , 2011, 75, 36-45.	1.8	45
14	1. Innovative Methods for Studies of Snake Ecology and Conservation. , 2009, , 5-37.		40
15	Enigmatic Decline of a Protected Population of Eastern Kingsnakes, <i>Lampropeltis Getula</i> , in South Carolina. <i>Copeia</i> , 2007, 2007, 507-519.	1.3	38
16	Getting the Drift: Examining the Effects of Timing, Trap Type and Taxon on Herpetofaunal Drift Fence Surveys. <i>American Midland Naturalist</i> , 2007, 158, 292-305.	0.4	37
17	Herpetofaunal Species Richness of Southeastern National Parks. <i>Southeastern Naturalist</i> , 2005, 4, 537-569.	0.4	36
18	Can invasive Burmese pythons inhabit temperate regions of the southeastern United States?. <i>Biological Invasions</i> , 2011, 13, 793-802.	2.4	31

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19	Prey morphology constrains the feeding ecology of an aquatic generalist predator. <i>Ecology</i> , 2011, 92, 744-754.	3.2	30
20	Ecological correlates of invasion impact for Burmese pythons in Florida. <i>Integrative Zoology</i> , 2012, 7, 254-270.	2.6	30
21	Empirical Tests of Biased Body Size Distributions in Aquatic Snake Captures. <i>Copeia</i> , 2008, 2008, 401-408.	1.3	29
22	Indirect effects of invasive Burmese pythons on ecosystems in southern Florida. <i>Journal of Applied Ecology</i> , 2017, 54, 1251-1258.	4.0	29
23	Altered behavior of neonatal northern watersnakes (<i>Nerodia sipedon</i>) exposed to maternally transferred mercury. <i>Environmental Pollution</i> , 2013, 176, 144-150.	7.5	26
24	INTER- AND INTRASPECIFIC VARIATION IN MERCURY BIOACCUMULATION BY SNAKES INHABITING A CONTAMINATED RIVER FLOODPLAIN. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1178-1186.	4.3	24
25	Drought survival and reproduction impose contrasting selection pressures on maximum body size and sexual size dimorphism in a snake, <i>Seminatrix pygaea</i> . <i>Oecologia</i> , 2010, 162, 913-922.	2.0	22
26	ASPECTS OF THE ECOLOGY OF SMALL FOSSORIAL SNAKES IN THE WESTERN PIEDMONT OF NORTH CAROLINA. <i>Southeastern Naturalist</i> , 2004, 3, 1-12.	0.4	21
27	Unveiling Escape and Capture Rates of Aquatic Snakes and Salamanders (<i>Sirenspp.</i> and <i>Amphiuma</i> means) in Commercial Funnel Traps. <i>Journal of Freshwater Ecology</i> , 2005, 20, 397-403.	1.2	20
28	Do effects of mercury in larval amphibians persist after metamorphosis?. <i>Ecotoxicology</i> , 2012, 21, 87-95.	2.4	19
29	Ecology of the Southeastern Crowned Snake, <i>Tantilla coronata</i> . <i>Copeia</i> , 2008, 2008, 388-394.	1.3	18
30	High levels of maternally transferred mercury do not affect reproductive output or embryonic survival of northern watersnakes (<i>Nerodia sipedon</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 619-626.	4.3	18
31	Habitat Loss and Local Extinction: Linking Population Declines of Eastern Collared Lizards (<i>Crotaphytus collaris</i>) to Habitat Degradation in Ozark Glades. <i>Journal of Herpetology</i> , 2018, 52, 352-360.	0.5	16
32	Differential responses of amphibian and reptile assemblages to size of riparian buffers within managed forests. <i>Ecological Applications</i> , 2019, 29, e01995.	3.8	13
33	Landscape-Scale Effects of Supra-Seasonal Drought on Semi-Aquatic Snake Assemblages. <i>Wetlands</i> , 2018, 38, 667-676.	1.5	12
34	Influence of riparian buffers and habitat characteristics on salamander assemblages in headwater streams within managed forests. <i>Forest Ecology and Management</i> , 2019, 432, 868-883.	3.2	9
35	Aspects of the Ecology of the Earth Snakes (<i>Virginia valeriae</i> and <i>V. striatula</i>) in the Upper Coastal Plain. <i>Southeastern Naturalist</i> , 2008, 7, 349-358.	0.4	7
36	Herpetofaunal Communities in Restored and Unrestored Remnant Tallgrass Prairie and Associated Wetlands in Northwest Arkansas, USA. <i>Wetlands</i> , 2018, 38, 157-168.	1.5	7

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37	Like mother, like offspring: maternal and offspring wound healing correlate in snakes. <i>Journal of Experimental Biology</i> , 2013, 216, 2545-2547.	1.7	6
38	A novel approach for estimating densities of secretive species from road-survey and spatial-movement data. <i>Wildlife Research</i> , 2018, 45, 446.	1.4	4
39	Effects of timber harvest on survival and movement of stream salamanders in a managed forest landscape. <i>Ecosphere</i> , 2021, 12, e03489.	2.2	4
40	Commercial Value of Amphibians Produced From an Isolated Wetland. <i>American Midland Naturalist</i> , 2014, 172, 200-204.	0.4	2
41	Influence of landscape and vegetation characteristics on herpetofaunal assemblages in Gulf Coastal Plain pine forests. <i>Journal of Wildlife Management</i> , 2022, 86, .	1.8	2
42	A Multi-Taxa Biological Survey of Passage Creek, Virginia. <i>Northeastern Naturalist</i> , 2011, 18, 357-369.	0.3	1
43	Timing of oviposition influences the effects of a non-native grass on amphibian development. <i>Oecologia</i> , 2020, 194, 113-122.	2.0	1
44	Increased growth rates of stream salamanders following forest harvesting. <i>Ecology and Evolution</i> , 2021, 11, 17723-17733.	1.9	1
45	Population Decline and Landscape-Scale Occupancy of the Crawfish Frog (<i>Lithobates areolatus</i>) in Northwest Arkansas. <i>Ichthyology and Herpetology</i> , 2022, 110, .	0.8	1