

Maureen A Donnelly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12041702/publications.pdf>

Version: 2024-02-01

74
papers

4,795
citations

109321

35
h-index

102487

66
g-index

76
all docs

76
docs citations

76
times ranked

5345
citing authors

#	ARTICLE	IF	CITATIONS
1	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
2	Amphibian and reptile declines over 35 years at La Selva, Costa Rica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8352-8356.	7.1	266
3	Review: Fragments as Islands: a Synthesis of Faunal Responses to Habitat Patchiness. <i>Conservation Biology</i> , 2006, 20, 1016-1025.	4.7	216
4	Meta-analysis reveals the importance of matrix composition for animals in fragmented habitat. <i>Global Ecology and Biogeography</i> , 2011, 20, 209-217.	5.8	163
5	A review of chemical ecology in poison frogs. <i>Chemoecology</i> , 2012, 22, 159-168.	1.1	162
6	Formicine ants: An arthropod source for the pumiliotoxin alkaloids of dendrobatid poison frogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8045-8050.	7.1	149
7	Experimental Evidence for Aposematism in the Dendrobatid Poison Frog <i>Oophaga pumilio</i> . <i>Copeia</i> , 2007, 2007, 1006-1011.	1.3	145
8	Oribatid mites as a major dietary source for alkaloids in poison frogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8885-8890.	7.1	144
9	Arthropod Alkaloids in Poison Frogs: A Review of the "Dietary Hypothesis"™. <i>Heterocycles</i> , 2009, 79, 277.	0.7	117
10	Patterns of reproduction and habitat use in an assemblage of Neotropical hylid frogs. <i>Oecologia</i> , 1994, 98, 291-302.	2.0	115
11	Spatial and temporal patterns of alkaloid variation in the poison frog <i>Oophaga pumilio</i> in Costa Rica and Panama over 30 years. <i>Toxicon</i> , 2007, 50, 757-778.	1.6	112
12	Engineering a future for amphibians under climate change. <i>Journal of Applied Ecology</i> , 2011, 48, 487-492.	4.0	112
13	Bioactive alkaloids of frog skin: Combinatorial bioprospecting reveals that pumiliotoxins have an arthropod source. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13996-14001.	7.1	104
14	Thermal biology mediates responses of amphibians and reptiles to habitat modification. <i>Ecology Letters</i> , 2018, 21, 345-355.	6.4	103
15	Influence of Forest Fragmentation on Community Structure of Frogs and Lizards in Northeastern Costa Rica. <i>Conservation Biology</i> , 2006, 20, 1750-1760.	4.7	99
16	Feeding Patterns of the Strawberry Poison Frog, <i>Dendrobates pumilio</i> (Anura: Dendrobatidae). <i>Copeia</i> , 1991, 1991, 723.	1.3	96
17	Demographic Effects of Reproductive Resource Supplementation in a Territorial Frog, <i>Dendrobates Pumilio</i> . <i>Ecological Monographs</i> , 1989, 59, 207-221.	5.4	88
18	Geographic and Seasonal Variation in Alkaloid-Based Chemical Defenses of <i>Dendrobates pumilio</i> from Bocas del Toro, Panama. <i>Journal of Chemical Ecology</i> , 2006, 32, 795-814.	1.8	81

#	ARTICLE	IF	CITATIONS
19	Potential Effects of Climate Change on Two Neotropical Amphibian Assemblages. <i>Climatic Change</i> , 1998, 39, 541-561.	3.6	76
20	HERPETOFAUNA OF THE YUTAJÁ%“COROCORO MASSIF, VENEZUELA: SECOND REPORT FROM THE ROBERT G. GOELET AMERICAN MUSEUM“TERRAMAR EXPEDITION TO THE NORTHWESTERN TEPUIS. <i>Bulletin of the American Museum of Natural History</i> , 2001, 261, 1-85.	3.4	75
21	Tropical amphibians in shifting thermal landscapes under land“use and climate change. <i>Conservation Biology</i> , 2017, 31, 96-105.	4.7	75
22	Effects of reproductive resource supplementation on space-use patterns in <i>Dendrobates pumilio</i> . <i>Oecologia</i> , 1989, 81, 212-218.	2.0	72
23	Amphibian Decline and Conservation in Central America. <i>Copeia</i> , 2016, 104, 351-379.	1.3	67
24	Temporal Variation in Infection Prevalence by the Amphibian Chytrid Fungus in Three Species of Frogs at La Selva, Costa Rica. <i>Biotropica</i> , 2012, 44, 779-784.	1.6	63
25	Amphibian sensitivity to habitat modification is associated with population trends and species traits. <i>Global Ecology and Biogeography</i> , 2017, 26, 700-712.	5.8	63
26	Infection and co-infection by the amphibian chytrid fungus and ranavirus in wild Costa Rican frogs. <i>Diseases of Aquatic Organisms</i> , 2013, 104, 173-178.	1.0	61
27	Sex-Related Differences in Alkaloid Chemical Defenses of the Dendrobatid Frog <i>Oophaga pumilio</i> from Cayo Nancy, Bocas del Toro, Panama. <i>Journal of Natural Products</i> , 2010, 73, 317-321.	3.0	55
28	Not all colors are equal: predation and color polytypism in the aposematic poison frog <i>Oophaga pumilio</i> . <i>Evolutionary Ecology</i> , 2013, 27, 831-845.	1.2	54
29	The Summit Herpetofauna Of Auyantepui, Venezuela: Report From The Robert G. Goelet American Museum“Terramar Expedition. <i>Bulletin of the American Museum of Natural History</i> , 2008, 308, 1-147.	3.4	53
30	Infection risk decreases with increasing mismatch in host and pathogen environmental tolerances. <i>Ecology Letters</i> , 2016, 19, 1051-1061.	6.4	50
31	Length-mass relationships among an assemblage of tropical snakes in Costa Rica. <i>Journal of Tropical Ecology</i> , 1990, 6, 65-76.	1.1	48
32	The importance of defining focal assemblages when evaluating amphibian and reptile responses to land use. <i>Conservation Biology</i> , 2016, 30, 249-258.	4.7	48
33	Ontogenetic and seasonal variation in the diets of a Costa Rican leaf-litter herpetofauna. <i>Journal of Tropical Ecology</i> , 2006, 22, 409-417.	1.1	42
34	Contrasting Colors of an Aposematic Poison Frog Do Not Affect Predation. <i>Annales Zoologici Fennici</i> , 2011, 48, 29-38.	0.6	42
35	Seasonal patterns of reproduction and abundance of leaf litter frogs in a Central American rainforest. <i>Journal of Zoology</i> , 2002, 258, 269-276.	1.7	41
36	Effects of Secondary Forest Succession on Amphibians and Reptiles: A Review and Meta-analysis. <i>Copeia</i> , 2018, 106, 10-19.	1.3	37

#	ARTICLE	IF	CITATIONS
37	Amphibian community structure as a function of forest type in Amazonian Peru. <i>Journal of Tropical Ecology</i> , 2010, 26, 509-519.	1.1	35
38	Acute toxicity tests and meta-analysis identify gaps in tropical ecotoxicology for amphibians. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2114-2119.	4.3	35
39	Evaluating connectivity for tropical amphibians using empirically derived resistance surfaces. <i>Ecological Applications</i> , 2015, 25, 928-942.	3.8	35
40	Reproductive Phenology and Age Structure of <i>Dendrobates pumilio</i> in Northeastern Costa Rica. <i>Journal of Herpetology</i> , 1989, 23, 362.	0.5	34
41	Breeding-site selection by the poison frog <i>Ranitomeya biolat</i> in Amazonian bamboo forests: an experimental approach. <i>Canadian Journal of Zoology</i> , 2009, 87, 453-464.	1.0	30
42	Forest-land use complementarity modifies community structure of a tropical herpetofauna. <i>Biological Conservation</i> , 2014, 170, 246-255.	4.1	30
43	Reproductive Phenology of <i>Eleutherodactylus bransfordii</i> in Northeastern Costa Rica. <i>Journal of Herpetology</i> , 1999, 33, 624.	0.5	29
44	Mechanistic insights into landscape genetic structure of two tropical amphibians using field-derived resistance surfaces. <i>Molecular Ecology</i> , 2015, 24, 580-595.	3.9	28
45	Effects of collared peccary (<i>Pecari tajacu</i>) exclusion on leaf litter amphibians and reptiles in a Neotropical wet forest, Costa Rica. <i>Biological Conservation</i> , 2013, 163, 90-98.	4.1	26
46	The influence of matrix quality on species richness in remnant forest. <i>Landscape Ecology</i> , 2018, 33, 1147-1157.	4.2	24
47	Potential Effects of Climate Change on Two Neotropical Amphibian Assemblages. , 1998, , 401-421.		23
48	The value of remnant trees in pastures for a neotropical poison frog. <i>Journal of Tropical Ecology</i> , 2013, 29, 345-352.	1.1	22
49	GROWTH ANALYSIS AND SUCCESSIONAL STATUS OF COSTA RICAN RAIN FOREST TREES. <i>New Phytologist</i> , 1986, 104, 517-521.	7.3	20
50	Species richness and composition of amphibians and reptiles in a fragmented forest landscape in northeastern Bolivia. <i>Basic and Applied Ecology</i> , 2008, 9, 523-532.	2.7	19
51	A New Species of Krait (Squamata: Elapidae) from the Red River System of Northern Vietnam. <i>Copeia</i> , 2005, 2005, 818-833.	1.3	16
52	Sampling amphibians and reptiles in the Iwokrama Forest ecosystem. <i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> , 2005, 154, 55-69.	0.5	16
53	Litter Dynamics Regulate Population Densities in a Declining Terrestrial Herpetofauna. <i>Copeia</i> , 2014, 2014, 454-461.	1.3	14
54	Thermal quality influences habitat use of two anole species. <i>Journal of Thermal Biology</i> , 2018, 75, 54-61.	2.5	14

#	ARTICLE	IF	CITATIONS
55	Comparison of Diet, Reproductive Biology, and Growth of the Pig Frog (<i>Rana Grylio</i>) from Harvested and Protected Areas of The Florida Everglades. <i>Copeia</i> , 2007, 2007, 436-448.	1.3	13
56	Do trails affect relative abundance estimates of rainforest frogs and lizards?. <i>Austral Ecology</i> , 2009, 34, 613-620.	1.5	13
57	Reproductive Phenology of Three Lizard Species in Costa Rica, with Comments on Seasonal Reproduction of Neotropical Lizards. <i>Journal of Herpetology</i> , 2005, 39, 341-348.	0.5	11
58	The advertisement calls of four species of glassfrogs (Centrolenidae) from southeastern Peru. <i>Studies on Neotropical Fauna and Environment</i> , 2009, 44, 83-91.	1.0	10
59	The tadpole of the bamboo-breeding poison frog <i>Ranitomeya biolat</i> (Anura: Dendrobatidae). <i>Zootaxa</i> , 2008, 1857, 66.	0.5	8
60	Matrix type alters structure of aquatic vertebrate assemblages in cypress domes. <i>Biodiversity and Conservation</i> , 2013, 22, 497-511.	2.6	6
61	Additive effects of mean temperature, temperature variability, and chlorothalonil to red-eyed treefrog (<i>Agalychnis callidryas</i>) larvae. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2998-3004.	4.3	6
62	Spatial patterns of the frog <i>Oophaga pumilio</i> in a plantation system are consistent with conspecific attraction. <i>Ecology and Evolution</i> , 2018, 8, 2880-2889.	1.9	6
63	Standardized ethograms and a device for assessing amphibian thermal responses in a warming world. <i>Journal of Thermal Biology</i> , 2020, 89, 102565.	2.5	6
64	Thermal adaptations to extreme freeze-thaw cycles in the high tropical Andes. <i>Biotropica</i> , 2021, 53, 296-306.	1.6	6
65	The Second Collection of, and Variation in, the Rare Neotropical Toad <i>Bufo peripatetes</i> . <i>Journal of Herpetology</i> , 1992, 26, 72.	0.5	5
66	Jay M. Savage. <i>Copeia</i> , 2013, 2013, 757-767.	1.3	4
67	Letter to the editor. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 4-5.	4.3	4
68	Oviposition Site Selection in Three Glass Frog Species. <i>Copeia</i> , 2020, 108, 333.	1.3	4
69	A New Microcaecilia (Amphibia: Gymnophiona) from Guyana with Comments on <i>Epicrionops niger</i> . <i>Copeia</i> , 2013, 2013, 223-231.	1.3	3
70	Variation and systematics in the colubrid snakes of the genus <i>Hydromorphus</i> . <i>Amphibia - Reptilia</i> , 1988, 9, 289-299.	0.5	2
71	A New Species of Earless Toad (Bufonidae: <i>Incilius</i>) from Western Panama. <i>Copeia</i> , 2013, 2013, 8-12.	1.3	2
72	Polymorphic microsatellite loci for a neotropical leaf-litter frog (<i>Craugastor bransfordii</i>) characterized through Illumina sequencing. <i>Conservation Genetics Resources</i> , 2014, 6, 697-698.	0.8	2

#	ARTICLE	IF	CITATIONS
73	Joseph Bruno Slowinski 1962–2001. <i>Copeia</i> , 2003, 2003, 424-428.	1.3	1
74	Riparian buffers provide refugia during secondary forest succession. <i>Diversity and Distributions</i> , 0, , .	4.1	0