

Mark A Davis

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

499
citations

623734

14
h-index

752698

20
g-index

37
all docs

37
docs citations

37
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Navigating the tradeoffs between environmental <i>eDNA</i> and conventional field surveys for improved amphibian monitoring. <i>Ecosphere</i> , 2022, 13, .	2.2	22
2	Limited gene flow and pronounced population genetic structure of Eastern Massasauga (<i>Sistrurus</i>)	2.5	10
3	High stream flows dilute environmental DNA (eDNA) concentrations and reduce detectability. <i>Diversity and Distributions</i> , 2021, 27, 1918-1931.	4.1	49
4	Field storage of water samples affects measured environmental DNA concentration and detection. <i>Limnology</i> , 2021, 22, 1-4.	1.5	13
5	Habitat suitability and connectivity modeling reveal priority areas for Indiana bat (<i>Myotis sodalis</i>) conservation in a complex habitat mosaic. <i>Landscape Ecology</i> , 2021, 36, 119-137.	4.2	15
6	Phylogenomics of the North American Plecoptera. <i>Systematic Entomology</i> , 2021, 46, 287-305.	3.9	19
7	Environmental DNA is effective in detecting the federally threatened Louisiana Pinesnake (<i>Pituophis</i>)	5.8	19
8	A New Family of Stoneflies (Insecta: Plecoptera), Kathroperlidae, fam. n., with a Phylogenomic Analysis of the Paraperlinae (Plecoptera: Chloroperlidae). <i>Insect Systematics and Diversity</i> , 2021, 5, .	1.7	14
9	Population connectivity in voles (<i>Microtus</i> sp.) as a gauge for tall grass prairie restoration in midwestern North America. <i>PLoS ONE</i> , 2021, 16, e0260344.	2.5	1
10	Evaluation of environmental DNA to detect <i>Sistrurus catenatus</i> and <i>Ophidiomyces ophiodiicola</i> in crayfish burrows. <i>Conservation Genetics Resources</i> , 2020, 12, 13-15.	0.8	18
11	Radiotelemetry reveals effects of upstream biomass and UV exposure on environmental DNA occupancy and detection for a large freshwater turtle. <i>Environmental DNA</i> , 2020, 2, 13-23.	5.8	20
12	Making Heads or Tails of Combined Landmark Configurations in Geometric Morphometric Data. <i>Evolutionary Biology</i> , 2020, 47, 193-205.	1.1	19
13	Multi-targeted management of upland game birds at the agroecosystem interface in midwestern North America. <i>PLoS ONE</i> , 2020, 15, e0230735.	2.5	9
14	Molecular sexing is a viable alternative to probing for determining sex in the imperiled Louisiana Pine Snake (<i>Pituophis ruthveni</i>). <i>Conservation Genetics Resources</i> , 2020, 12, 537-539.	0.8	2
15	Phosphorous, farms, and families: Institutional narratives about agricultural intensification and water quality in northeastern Wisconsin. <i>Journal of Rural Studies</i> , 2020, 80, 418-426.	4.7	1
16	Integrated ecosystem service assessment for landscape conservation design in the Green Bay watershed, Wisconsin. <i>Ecosystem Services</i> , 2019, 39, 101001.	5.4	4
17	Drought-induced Suppression of Female Fecundity in a Capital Breeder. <i>Scientific Reports</i> , 2019, 9, 15499.	3.3	5
18	Theorizing human impacts into ecological restoration is not a slippery slope, but a toehold for reaching social-ecological resilience: a counter-response to McDonald et al. (2019). <i>Restoration Ecology</i> , 2019, 27, 726.	2.9	4

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19	A new stonefly species (Plecoptera, Perlidae) from the Interior Highlands USA, with morphological and molecular comparison to other congeneric species. <i>ZooKeys</i> , 2019, 858, 45-70.	1.1	2
20	What about cultural ecosystems? Opportunities for cultural considerations in the "International Standards for the Practice of Ecological Restoration". <i>Restoration Ecology</i> , 2018, 26, 612-617.	2.9	12
21	Evaluation of eDNA for groundwater invertebrate detection and monitoring: a case study with endangered <i>Stygobromus</i> (Amphipoda: Crangonyctidae). <i>Conservation Genetics Resources</i> , 2018, 10, 247-257.	0.8	55
22	At the confluence of vicariance and dispersal: Phylogeography of cavernicolous springtails (Collembola: Arrhopalitidae, Tomoceridae) codistributed across a geologically complex karst landscape in Illinois and Missouri. <i>Ecology and Evolution</i> , 2018, 8, 10306-10325.	1.9	20
23	Temporal Patterns of Genetic Diversity in an Imperiled Population of the Eastern Massasauga Rattlesnake (<i>Sistrurus catenatus</i>). <i>Copeia</i> , 2018, 106, 414-420.	1.3	4
24	Genetic rescue, the greater prairie chicken and the problem of conservation reliance in the Anthropocene. <i>Royal Society Open Science</i> , 2017, 4, 160736.	2.4	31
25	First record of a putative novel invasive <i>Corbicula</i> lineage discovered in the Illinois River, Illinois, USA. <i>BiolInvasions Records</i> , 2017, 6, 159-166.	1.1	25
26	Deconstructing a Species-Complex: Geometric Morphometric and Molecular Analyses Define Species in the Western Rattlesnake (<i>Crotalus viridis</i>). <i>PLoS ONE</i> , 2016, 11, e0146166.	2.5	25
27	Population Genetics of the Copperhead at Its Most Northeastern Distribution. <i>Copeia</i> , 2016, 104, 448-457.	1.3	7
28	A review of the systematics and taxonomy of Pythonidae: an ancient serpent lineage. <i>Zoological Journal of the Linnean Society</i> , 2015, 175, 1-19.	2.3	17
29	Bateman-Trivers in the 21st Century: sexual selection in a North American pitviper. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 436-445.	1.6	16
30	Nowhere to Go but Up: Impacts of Climate Change on Demographics of a Short-Range Endemic (<i>Crotalus willardi obscurus</i>) in the Sky-Islands of Southwestern North America. <i>PLoS ONE</i> , 2015, 10, e0131067.	2.5	27
31	Conservation and Management of Polytypic Species: The Little Striped Whiptail Complex (<i>Aspidoscelis inornata</i>) as a Case Study. <i>Copeia</i> , 2014, 2014, 519-529.	1.3	13
32	Mercury in Migrating Shorebirds in the Illinois River Valley. <i>Waterbirds</i> , 2014, 37, 225-229.	0.3	1
33	Larger trees may support larger Indiana bat maternity colonies in a dynamic landscape. <i>Journal of Wildlife Management</i> , 0, , .	1.8	1