Mark A Davis

List of Publications by Year
in descending order

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	Evaluation of eDNA for groundwater invertebrate detection and monitoring: a case study with endangered Stygobromus (Amphipoda: Crangonyctidae). Conservation Genetics Resources, 2018, 10, 247-257.	0.8	55
2	High stream flows dilute environmental DNA (eDNA) concentrations and reduce detectability. Diversity and Distributions, 2021, 27, 1918-1931.	4.1	49
3	Genetic rescue, the greater prairie chicken and the problem of conservation reliance in the Anthropocene. Royal Society Open Science, 2017, 4, 160736.	2.4	31
4	Nowhere to Go but Up: Impacts of Climate Change on Demographics of a Short-Range Endemic (Crotalus willardi obscurus) in the Sky-Islands of Southwestern North America. PLoS ONE, 2015, 10, e0131067.	2.5	27
5	Deconstructing a Species-Complex: Geometric Morphometric and Molecular Analyses Define Species in the Western Rattlesnake (Crotalus viridis). PLoS ONE, 2016, 11, e0146166.	2.5	25
6	First record of a putative novel invasive Corbicula lineage discovered in the Illinois River, Illinois, USA. BioInvasions Records, 2017, 6, 159-166.	1.1	25
7	Navigating the tradeâ€offs between environmental <scp>DNA</scp> and conventional field surveys for improved amphibian monitoring. Ecosphere, 2022, 13, .	2.2	22
8	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. Ecology and Evolution, 2018, 8, 10306-10325.	1.9	20
9	Radiotelemetry reveals effects of upstream biomass and UV exposure on environmental DNA occupancy and detection for a large freshwater turtle. Environmental DNA, 2020, 2, 13-23.	5.8	20
10	Making Heads or Tails of Combined Landmark Configurations in Geometric Morphometric Data. Evolutionary Biology, 2020, 47, 193-205.	1.1	19
11	Phylogenomics of the North American Plecoptera. Systematic Entomology, 2021, 46, 287-305.	3.9	19
12	Environmental DNA is effective in detecting the federally threatened Louisiana Pinesnake (Pituophis) Tj ETQq0 0 0 rgBT /Overlock 10	5.8	19
13	Evaluation of environmental DNA to detect Sistrurus catenatus and Ophidiomyces ophiodiicola in crayfish burrows. Conservation Genetics Resources, 2020, 12, 13-15.	0.8	18
14	A review of the systematics and taxonomy of Pythonidae: an ancient serpent lineage. Zoological Journal of the Linnean Society, 2015, 175, 1-19.	2.3	17
15	Bateman-Trivers in the 21st Century: sexual selection in a North American pitviper. Biological Journal of the Linnean Society, 2015, 114, 436-445.	1.6	16
16	Habitat suitability and connectivity modeling reveal priority areas for Indiana bat (Myotis sodalis) conservation in a complex habitat mosaic. Landscape Ecology, 2021, 36, 119-137.	4.2	15
17	A New Family of Stoneflies (Insecta: Plecoptera), Kathroperlidae, fam. n., with a Phylogenomic Analysis of the Paraperlinae (Plecoptera: Chloroperlidae). Insect Systematics and Diversity, 2021, 5, .	1.7	14
18	Conservation and Management of Polytypic Species: The Little Striped Whiptail Complex (Aspidoscelis inornata) as a Case Study. Copeia, 2014, 2014, 519-529.	1.3	13

#	Article	IF	Citations
19	Field storage of water samples affects measured environmental DNA concentration and detection. Limnology, 2021, 22, 1-4.	1.5	13
20	What about cultural ecosystems? Opportunities for cultural considerations in the â€œInternational Standards for the Practice of Ecological Restorationâ€• Restoration Ecology, 2018, 26, 612-617.	2.9	12
21	Multi-targeted management of upland game birds at the agroecosystem interface in midwestern North America. PLoS ONE, 2020, 15, e0230735.	2.5	9
22	Population Genetics of the Copperhead at Its Most Northeastern Distribution. Copeia, 2016, 104, 448-457.	1.3	7
23	Drought-induced Suppression of Female Fecundity in a Capital Breeder. Scientific Reports, 2019, 9, 15499.	3.3	5
24	Temporal Patterns of Genetic Diversity in an Imperiled Population of the Eastern Massasauga Rattlesnake (Sistrurus catenatus). Copeia, 2018, 106, 414-420.	1.3	4
25	Integrated ecosystem service assessment for landscape conservation design in the Green Bay watershed, Wisconsin. Ecosystem Services, 2019, 39, 101001.	5.4	4
26	Theorizing human impacts into ecological restoration is not a slippery slope, but a toehold for reaching socialâ€•ecological resilience: a counterâ€•response to McDonald et al. (2019). Restoration Ecology, 2019, 27, 726.	2.9	4
27	Molecular sexing is a viable alternative to probing for determining sex in the imperiled Louisiana Pine Snake (Pituophis ruthveni). Conservation Genetics Resources, 2020, 12, 537-539.	0.8	2
28	A new stonefly species (Plecoptera, Perlidae) from the Interior Highlands USA, with morphological and molecular comparison to other congeneric species. ZooKeys, 2019, 858, 45-70.	1.1	2
29	Mercury in Migrating Shorebirds in the Illinois River Valley. Waterbirds, 2014, 37, 225-229.	0.3	1
30	Phosphorous, farms, and families: Institutional narratives about agricultural intensification and water quality in northeastern Wisconsin. Journal of Rural Studies, 2020, 80, 418-426.	4.7	1
31	Population connectivity in voles (Microtus sp.) as a gauge for tall grass prairie restoration in midwestern North America. PLoS ONE, 2021, 16, e0260344.	2.5	1
32	Larger trees may support larger Indiana bat maternity colonies in a dynamic landscape. Journal of Wildlife Management, 0, , .	1.8	1
33	Limited gene flow and pronounced population genetic structure of Eastern Massasauga (Sistrurus) Tj ETQq1 1 0.784314 rgBT /Overlo	2.5	0