James D Austin

List of Publications by Year
in descending order

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77	1,635	279487	329751
papers	citations	23 h-index	37 g-index

78	78	78	2276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An ancient icon reveals new mysteries: mummy DNA resurrects a cryptic species within the Nile crocodile. Molecular Ecology, 2011, 20, 4199-4215.	2.0	131
2	Cryptic lineages in a small frog: the post-glacial history of the spring peeper, Pseudacris crucifer (Anura: Hylidae). Molecular Phylogenetics and Evolution, 2002, 25, 316-329.	1.2	96
3	Divergent Perspectives on Landscape Connectivity Reveal Consistent Effects from Genes to Communities. Current Landscape Ecology Reports, 2016, 1, 67-79.	1.1	93
4	Network modularity reveals critical scales for connectivity in ecology and evolution. Nature Communications, 2013, 4, 2572.	5.8	83
5	Rigorous approaches to species delimitation have significant implications for African crocodilian systematics and conservation. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132483.	1.2	81
6	Discordant temporal and geographic patterns in maternal lineages of eastern north American frogs, Rana catesbeiana (Ranidae) and Pseudacris crucifer (Hylidae). Molecular Phylogenetics and Evolution, 2004, 32, 799-816.	1.2	77
7	Genetic evidence for femaleâ€biased dispersal in the bullfrog, Rana catesbeiana (Ranidae). Molecular Ecology, 2003, 12, 3165-3172.	2.0	62
8	Inconsistent effects of landscape heterogeneity and land-use on animal diversity in an agricultural mosaic: a multi-scale and multi-taxon investigation. Landscape Ecology, 2018, 33, 241-255.	1.9	53
9	Controlling for the Effects of History and Nonequilibrium Conditions in Gene Flow Estimates in Northern Bullfrog (Rana catesbeiana) Populations. Genetics, 2004, 168, 1491-1506.	1.2	52
10	Integrative taxonomy resolves taxonomic uncertainty for freshwater mussels being considered for protection under the U.S. Endangered Species Act. Scientific Reports, 2018, 8, 15892.	1.6	51
11	Phylogenetics, zoogeography, and the role of dispersal and vicariance in the evolution of the Rana catesbeiana (Anura: Ranidae) species group. Biological Journal of the Linnean Society, 2003, 80, 601-624.	0.7	43
12	When Technology Meets Conservation: Increased Microsatellite Marker Production Using 454 Genome Sequencing on the Endangered Okaloosa Darter (Etheostoma okaloosae). Journal of Heredity, 2010, 101, 784-788.	1.0	42
13	Multi-character perspectives on the evolution of intraspecific differentiation in a neotropical hylid frog. BMC Evolutionary Biology, 2006, 6, 23.	3.2	41
14	Invasion ecology of wild pigs (Sus scrofa) in Florida, USA: the role of humans in the expansion and colonization of an invasive wild ungulate. Biological Invasions, 2018, 20, 1865-1880.	1.2	40
15	Isolating the roles of movement and reproduction on effective connectivity alters conservation priorities for an endangered bird. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8591-8596.	3.3	38
16	Genetic estimates of contemporary effective population size in an endangered butterfly indicate a possible role for genetic compensation. Evolutionary Applications, 2010, 3, 28-39.	1.5	35
17	Acquisition of polarized-light orientation in salmonids under laboratory conditions. Animal Behaviour, 2003, 65, 893-904.	0.8	34
18	Affinity for natal environments by dispersers impacts reproduction and explains geographical structure of a highly mobile bird. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151545.	1.2	34

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19	Range-wide population structure and history of the northern quahog (Merceneria merceneria) inferred from mitochondrial DNA sequence data. ICES Journal of Marine Science, 2008, 65, 155-163.	1.2	32
20	SNP marker panels for parentage assignment and traceability in the Florida bass (Micropterus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.7	30
21	Low genetic diversity and minimal population substructure in the endangered Florida manatee: implications for conservation. Journal of Mammalogy, 2012, 93, 1504-1511.	0.6	27
22	Genetic barcoding facilitates captive and wild management of three cryptic <scp>A</scp>frican crocodile species complexes. Animal Conservation, 2015, 18, 322-330.	1.5	26
23	Morphological and molecular evidence indicates that the Gulf Coast box turtle (Terrapene carolina) Tj ETQq1 1 0.784314 rgBT /Overlock Linnean Society, 2011, 102, 889-901.	0.7	25
24	A molecular perspective on the evolutionary affinities of an enigmatic neotropical frog, Allophryne ruthveni. Zoological Journal of the Linnean Society, 2002, 134, 335-346.	1.0	24
25	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2011â€“31 March 2011. Molecular Ecology Resources, 2011, 11, 757-758.	2.2	24
26	Population genetic structure and conservation genetics of threatened Okaloosa darters (Etheostoma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	24
27	Reconstructing the introduction history of an invasive fish predator in South Africa. Biological Invasions, 2017, 19, 2261-2276.	1.2	19
28	Effects of Fin Clipping on Survival and Position-Holding Behavior of Brown Darters, Etheostoma edwini. Copeia, 2008, 2008, 916-919.	1.4	18
29	The causes of dispersal and the cost of carryâ€over effects for an endangered bird in a dynamic wetland landscape. Journal of Animal Ecology, 2017, 86, 857-865.	1.3	16
30	Conservation genetics of an endangered grassland butterfly (Oarisma poweshiek) reveals historically high gene flow despite recent and rapid range loss. Insect Conservation and Diversity, 2016, 9, 517-528.	1.4	14
31	A relict lineage and new species of green palm-pitviper (Squamata, Viperidae, Bothriechis) from the ChortÃs Highlands of Mesoamerica. ZooKeys, 2013, 298, 77-105.	0.5	13
32	Using species-diagnostic SNPs to detail the distribution and dynamics of hybridized black bass populations in southern Africa. Biological Invasions, 2019, 21, 1499-1509.	1.2	13
33	Cryptic diversity in ChortÃs Highland moss salamanders (Caudata: Plethodontidae:Nototriton) revealed using mtDNA barcodes and phylogenetics, with a new species from eastern Honduras. Systematics and Biodiversity, 2011, 9, 275-287.	0.5	12
34	Augmentation of French grunt diet description using combined visual and DNA-based analyses. Marine and Freshwater Research, 2012, 63, 740.	0.7	12
35	An assessment of hatchery effects on Florida bass (Micropterus salmoides floridanus) microsatellite genetic diversity and sib-ship reconstruction. Aquaculture Research, 2012, 43, 628-638.	0.9	12
36	Angling-Induced Impacts on Recruitment and Contributions to Reproduction in Florida Bass. Transactions of the American Fisheries Society, 2017, 146, 871-887.	0.6	12

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37	Incongruence in the pattern and timing of intra-specific diversification in bronze frogs and bullfrogs (Ranidae). Molecular Phylogenetics and Evolution, 2008, 48, 1041-1053.	1.2	11
38	Assessment of Genetic Diversity in Wild and Aquaculture Stocks ofMercenaria mercenariain Florida. Journal of Shellfish Research, 2015, 34, 355-365.	0.3	11
39	A distinctive new species of moss salamander (Caudata: Plethodontidae: Nototriton) from an imperiled Honduran endemism hotspot. Zootaxa, 2010, 2434, 1.	0.2	11
40	Conspicuous genetic structure belies recent dispersal in an endangered beach mouse (Peromyscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	10
41	Cuban Connection: Regional Role for Florida's Manatees. Frontiers in Marine Science, 2018, 5, .	1.2	10
42	Did Late Pleistocene climate change result in parallel genetic structure and demographic bottlenecks in sympatric Central African crocodiles, Mecistops and Osteolaemus?. Molecular Ecology, 2017, 26, 6463-6477.	2.0	9
43	An integrative assessment of the taxonomic status of putative hybrid leopard frogs (Anura: Ranidae) from the ChortÃs Highlands of Central America, with description of a new species. Systematics and Biodiversity, 2018, 16, 340-356.	0.5	9
44	The number of breeders explains genetic connectivity in an endangered bird. Molecular Ecology, 2019, 28, 2746-2756.	2.0	9
45	Parentage and mating patterns in a Florida Largemouth Bass (Micropterus salmoides) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.9	8
46	Assessing fine-scale genetic structure and relatedness in the micro-endemic Florida bog frog. Conservation Genetics, 2011, 12, 833-838.	0.8	7
47	Diversity and geneflow in a migratory frugivorous fish: implications for Amazonian habitat connectivity. Conservation Genetics, 2013, 14, 935-942.	0.8	7
48	Microsatellite polymorphism in the endangered snail kite reveals a panmictic, low diversity population. Conservation Genetics, 2018, 19, 337-348.	0.8	7
49	Land use and cover effects on an ecosystem engineer. Forest Ecology and Management, 2020, 456, 117642.	1.4	7
50	Mixing rates in weakly differentiated stocks of greater amberjack (Seriola dumerili) in the Gulf of Mexico. Genetica, 2018, 146, 393-402.	0.5	6
51	Savanna Rodentsâ€™ Selective Removal of an Encroaching Plantâ€™s Seeds Increased With Grass Biomass. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	6
52	Ultraviolet Biofluorescence in Pocket Gophers. American Midland Naturalist, 2021, 186, .	0.2	6
53	A new <i>Nototriton</i> (Caudata: Plethodontidae) from Parque Nacional MontaÃ±a de Botaderos in northeastern Honduras. Zootaxa, 2013, 3666, 358.	0.2	5
54	Reintroduction of captive-born beach mice: the importance of demographic and genetic monitoring. Journal of Mammalogy, 2017, 98, 513-522.	0.6	5

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55	Influence of sugarcane plantations on the population dynamics and community structure of small mammals in a savanna-agricultural landscape. Global Ecology and Conservation, 2019, 20, e00752.	1.0	5
56	Microsatellite Mutation Rate in Atlantic Sturgeon (Acipenser oxyrinchus). Journal of Heredity, 2017, 108, 686-692.	1.0	4
57	Genetic structure of wild and domesticated grasscutters (Thryonomys swinderianus) from south-western Nigeria. African Zoology, 2017, 52, 155-162.	0.2	3
58	Global Patterns in the Motivations and Behaviors of Tournament Anglers Targeting Bedding Bass. North American Journal of Fisheries Management, 2018, 38, 334-345.	0.5	3
59	Comparative spatial genetic structure of two rodent species in an agro-ecological landscape in southern Africa. Mammalian Biology, 2019, 97, 64-71.	0.8	3
60	A new live trap for pocket gophers. Wildlife Society Bulletin, 2019, 43, 178-181.	1.6	3
61	Evaluating the Ecology of Tantilla relicta in Florida Pineâ€“Wiregrass Sandhills Using Multi-Season Occupancy Models. Journal of Herpetology, 2019, 53, 179.	0.2	3
62	Timber Rattlesnake (Crotalus horridus) Predation on a Southeastern Pocket Gopher (Geomys pinetis). Southeastern Naturalist, 2019, 18, .	0.2	3
63	Determining habitat requirements for the southeastern pocket gopher (Geomys pinetis) at multiple scales. Journal of Mammalogy, 2022, 103, 672-679.	0.6	3
64	Strong population genetic structure and cryptic diversity in the Florida bonneted bat (Eumops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.8	3
65	Twenty-one novel microsatellite loci for the endangered Florida salt marsh vole (Microtus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.4	2
66	Conservation genetics of an isolated giraffe population in Swaziland. African Journal of Ecology, 2018, 56, 140-145.	0.4	2
67	Short-term response to season of burn by amphibians and reptiles in a Florida longleaf pine â€“ wiregrass sandhill. Canadian Journal of Forest Research, 2019, 49, 1580-1589.	0.8	2
68	Urbanization and Population Genetic Structure of the Panama City crayfish (Procambarus econfinae). Journal of Heredity, 2020, 111, 204-215.	1.0	2
69	Southeastern Pocket Gopher (Geomys pinetis) Tunnels Provide Stable Thermal Refugia. American Midland Naturalist, 2021, 185, .	0.2	2
70	Iso-seq analysis and functional annotation of the Santa Fe cave crayfish (Procambarus erythrops) transcriptome. Marine Genomics, 2021, 58, 100842.	0.4	2
71	Largemouth Bass Hatchery Contributions Quantified via Parentageâ€Based Tagging. North American Journal of Fisheries Management, 2022, 42, 758-774.	0.5	2
72	Isolation and characterization of 14 novel polymorphic loci for the Florida mouse (Podomys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	0.4	1

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73	New microsatellite loci for the threatened eastern hog-nosed snake (Heterodon platirhinos) in Ontario, Canada. Conservation Genetics Resources, 2014, 6, 69-71.	0.4	1
74	Genetic evidence indicates ecological divergence rather than geographic barriers structure Florida fox squirrels. Journal of Mammalogy, 2018, , .	0.6	1
75	Landscape Heterogeneity and Woody Encroachment Decrease Mesocarnivore Scavenging in a Savanna Agroecosystem. Rangeland Ecology and Management, 2021, 78, 104-111.	1.1	1
76	Dispersal and Land Cover Contribute to Pseudorabies Virus Exposure in Invasive Wild Pigs. EcoHealth, 2020, 17, 498-511.	0.9	1
77	Recruitment Patterns and Potential Climate Change Impacts on Three Florida Hylids with Different Life Histories. Diversity, 2022, 14, 129.	0.7	0