

Kelly R Zamudio

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

11,046
citations

28190

55
h-index

39575

94
g-index

192
all docs

192
docs citations

192
times ranked

9808
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybridization despite elaborate courtship behavior and female choice in Neotropical tree frogs. <i>Integrative Zoology</i> , 2023, 18, 208-224.	1.3	3
2	Endemic Lineages of <i>Batrachochytrium dendrobatidis</i> Are Associated With Reduced Chytridiomycosis-Induced Mortality in Amphibians: Evidence From a Meta-Analysis of Experimental Infection Studies. <i>Frontiers in Veterinary Science</i> , 2022, 9, 756686.	0.9	12
3	Active Learning Strategies for Biodiversity Science. <i>Frontiers in Education</i> , 2022, 7, .	1.2	1
4	Temporal and spatial diversification along the Amazonia-Cerrado transition in Neotropical treefrogs of the <i>Boana albopunctata</i> species group. <i>Molecular Phylogenetics and Evolution</i> , 2022, 175, 107579.	1.2	2
5	Lost and found: Frogs in a biodiversity hotspot rediscovered with environmental DNA. <i>Molecular Ecology</i> , 2021, 30, 3289-3298.	2.0	27
6	Power and limitations of environmental DNA metabarcoding for surveying leaf litter eukaryotic communities. <i>Environmental DNA</i> , 2021, 3, 528-540.	3.1	4
7	Temperature dependence of metabolic rate in tropical and temperate aquatic insects: Support for the Climate Variability Hypothesis in mayflies but not stoneflies. <i>Global Change Biology</i> , 2021, 27, 297-311.	4.2	26
8	Biotic and abiotic determinants of <i>Batrachochytrium dendrobatidis</i> infections in amphibians of the Brazilian Atlantic Forest. <i>Fungal Ecology</i> , 2021, 49, 100995.	0.7	23
9	Isolation by environment and recurrent gene flow shaped the evolutionary history of a continentally distributed Neotropical treefrog. <i>Journal of Biogeography</i> , 2021, 48, 760-772.	1.4	18
10	David B. Wake (1936–2021). <i>Science</i> , 2021, 372, 1399-1399.	6.0	3
11	Phylogenomic Assessment of Biodiversity Using a Reference-Based Taxonomy: An Example With Horned Lizards (<i>Phrynosoma</i>). <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	13
12	Meta-analysis of Gender Performance Gaps in Undergraduate Natural Science Courses. <i>CBE Life Sciences Education</i> , 2021, 20, ar40.	1.1	8
13	Implementing team-based learning in the life sciences: A case study in an online introductory level evolution and biodiversity course. <i>Ecology and Evolution</i> , 2021, 11, 3527-3536.	0.8	7
14	Male-male competition and repeated evolution of terrestrial breeding in Atlantic Coastal Forest frogs*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 459-475.	1.1	9
15	Gene expression varies within and between enzootic and epizootic lineages of <i>Batrachochytrium dendrobatidis</i> (Bd) in the Americas. <i>Fungal Biology</i> , 2020, 124, 34-43.	1.1	18
16	Tick parasitism as a cost of sexual selection and male parental care in a Neotropical frog. <i>Ecosphere</i> , 2020, 11, e03010.	1.0	2
17	Temperature-mediated shifts in salamander transcriptomic responses to the amphibian-killing fungus. <i>Molecular Ecology</i> , 2020, 29, 325-343.	2.0	24
18	Unexpected reproductive fidelity in a polygynous frog. <i>Science Advances</i> , 2020, 6, eaay1539.	4.7	7

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19	Egg-laying site, fecundity and degree of sexual size dimorphism in frogs. <i>Biological Journal of the Linnean Society</i> , 2020, 131, 600-610.	0.7	12
20	Topography, more than land cover, explains genetic diversity in a Neotropical savanna tree frog. <i>Diversity and Distributions</i> , 2020, 26, 1798-1812.	1.9	15
21	Show me you care: female mate choice based on egg attendance rather than male or territorial traits. <i>Behavioral Ecology</i> , 2020, 31, 1054-1064.	1.0	14
22	Response to Comment on "Amphibian fungal panzootic causes catastrophic and ongoing loss of biodiversity". <i>Science</i> , 2020, 367, .	6.0	15
23	Historical biogeography and multi-trait evolution in miniature toadlets of the genus <i>Brachycephalus</i> (Anura: Brachycephalidae). <i>Biological Journal of the Linnean Society</i> , 2020, 129, 664-686.	0.7	16
24	Incapacitating effects of fungal coinfection in a novel pathogen system. <i>Molecular Ecology</i> , 2020, 29, 3173-3186.	2.0	20
25	Coalescent-based species delimitation is sensitive to geographic sampling and isolation by distance. <i>Systematics and Biodiversity</i> , 2020, 18, 269-280.	0.5	62
26	Skin microbiome correlates with bioclimate and <i>Batrachochytrium dendrobatidis</i> infection intensity in Brazil's Atlantic Forest treefrogs. <i>Scientific Reports</i> , 2020, 10, 22311.	1.6	19
27	High Variability in Infection Mechanisms and Host Responses: A Review of Functional Genomic Studies of Amphibian Chytridiomycosis. <i>Herpetologica</i> , 2020, 76, 189.	0.2	20
28	Smaller Classes Promote Equitable Student Participation in STEM. <i>BioScience</i> , 2019, 69, 669-680.	2.2	34
29	Close-kin mating, but not inbred parents, reduces hatching rates and offspring quality in a threatened tortoise. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1152-1162.	0.8	5
30	Thermal cues drive plasticity of desiccation resistance in montane salamanders with implications for climate change. <i>Nature Communications</i> , 2019, 10, 4091.	5.8	29
31	Amphibian fungal panzootic causes catastrophic and ongoing loss of biodiversity. <i>Science</i> , 2019, 363, 1459-1463.	6.0	805
32	Rapid adaptation to cold in the invasive cane toad <i>Rhinella marina</i> . , 2019, 7, coy075.		19
33	Community richness of amphibian skin bacteria correlates with bioclimate at the global scale. <i>Nature Ecology and Evolution</i> , 2019, 3, 381-389.	3.4	68
34	Museum specimens of terrestrial vertebrates are sensitive indicators of environmental change in the Anthropocene. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170387.	1.8	71
35	Diverse genotypes of the amphibian-killing fungus produce distinct phenotypes through plastic responses to temperature. <i>Journal of Evolutionary Biology</i> , 2019, 32, 287-298.	0.8	22
36	Molecular phylogeny of Neotropical rock frogs reveals a long history of vicariant diversification in the Atlantic forest. <i>Molecular Phylogenetics and Evolution</i> , 2018, 122, 142-156.	1.2	30

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37	Extreme streams: species persistence and genomic change in montane insect populations across a flooding gradient. <i>Ecology Letters</i> , 2018, 21, 525-535.	3.0	35
38	Genetic variation and selection of MHC class I loci differ in two congeneric frogs. <i>Genetica</i> , 2018, 146, 125-136.	0.5	0
39	Imperfect pathogen detection from non-invasive skin swabs biases disease inference. <i>Methods in Ecology and Evolution</i> , 2018, 9, 380-389.	2.2	37
40	Globally invasive genotypes of the amphibian chytrid outcompete an enzootic lineage in coinfections. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181894.	1.2	19
41	Advancing Understanding of Amphibian Evolution, Ecology, Behavior, and Conservation with Massively Parallel Sequencing. <i>Population Genomics</i> , 2018, , 211-254.	0.2	22
42	Narrow thermal tolerance and low dispersal drive higher speciation in tropical mountains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12471-12476.	3.3	161
43	Lack of science support fails Brazil. <i>Science</i> , 2018, 361, 1322-1323.	6.0	24
44	Eco-evolutionary rescue promotes host-pathogen coexistence. <i>Ecological Applications</i> , 2018, 28, 1948-1962.	1.8	28
45	External Reinfection of a Fungal Pathogen Does not Contribute to Pathogen Growth. <i>EcoHealth</i> , 2018, 15, 815-826.	0.9	6
46	Development and worldwide use of non-lethal, and minimal population-level impact, protocols for the isolation of amphibian chytrid fungi. <i>Scientific Reports</i> , 2018, 8, 7772.	1.6	24
47	Do Small Classes in Higher Education Reduce Performance Gaps in STEM?. <i>BioScience</i> , 2018, 68, 593-600.	2.2	23
48	Male body size predicts reproductive success but not within-clutch paternity patterns in gopher tortoises (<i>Gopherus polyphemus</i>). <i>Journal of Heredity</i> , 2018, 109, 791-801.	1.0	9
49	Recent Asian origin of chytrid fungi causing global amphibian declines. <i>Science</i> , 2018, 360, 621-627.	6.0	389
50	First <i>in Vivo</i> <i>Batrachochytrium dendrobatidis</i> Transcriptomes Reveal Mechanisms of Host Exploitation, Host-Specific Gene Expression, and Expressed Genotype Shifts. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 269-278.	0.8	25
51	Genetic diversity and gene flow decline with elevation in montane mayflies. <i>Heredity</i> , 2017, 119, 107-116.	1.2	42
52	Climate variability predicts thermal limits of aquatic insects across elevation and latitude. <i>Functional Ecology</i> , 2017, 31, 2118-2127.	1.7	104
53	Variation in phenotype and virulence among enzootic and panzootic amphibian chytrid lineages. <i>Fungal Ecology</i> , 2017, 26, 45-50.	0.7	51
54	Environmental fluctuations and host skin bacteria shift survival advantage between frogs and their fungal pathogen. <i>ISME Journal</i> , 2017, 11, 349-361.	4.4	100

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55	<sc>eDNA</sc> metabarcoding: a promising method for anuran surveys in highly diverse tropical forests. <i>Molecular Ecology Resources</i> , 2017, 17, 904-914.	2.2	78
56	Enhancing Diversity in Undergraduate Science: Self-Efficacy Drives Performance Gains with Active Learning. <i>CBE Life Sciences Education</i> , 2017, 16, ar56.	1.1	194
57	Environmental DNA characterization of amphibian communities in the Brazilian Atlantic forest: Potential application for conservation of a rich and threatened fauna. <i>Biological Conservation</i> , 2017, 215, 225-232.	1.9	34
58	Land cover and forest connectivity alter the interactions among host, pathogen and skin microbiome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170582.	1.2	50
59	Prevalence and genetic diversity of <i>Batrachochytrium dendrobatidis</i> in Central African island and continental amphibian communities. <i>Ecology and Evolution</i> , 2017, 7, 7729-7738.	0.8	14
60	Temperature variation, bacterial diversity and fungal infection dynamics in the amphibian skin. <i>Molecular Ecology</i> , 2017, 26, 4787-4797.	2.0	74
61	Idiosyncratic responses to climate-driven forest fragmentation and marine incursions in reed frogs from Central Africa and the Gulf of Guinea Islands. <i>Molecular Ecology</i> , 2017, 26, 5223-5244.	2.0	40
62	Inhibition of Fungal Pathogens across Genotypes and Temperatures by Amphibian Skin Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 1551.	1.5	57
63	Host Defense Skin Peptides Vary with Color Pattern in the Highly Polymorphic Red-Eyed Treefrog. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	8
64	All grown-up and nowhere to go: paedomorphosis and local adaptation in <i>Ambystoma</i> salamanders in the Cuenca Oriental of Mexico. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 582-597.	0.7	17
65	Adaptive tolerance to a pathogenic fungus drives major histocompatibility complex evolution in natural amphibian populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153115.	1.2	104
66	Freshwater vertebrate and invertebrate diversity patterns in an Andean-Amazon basin: implications for conservation efforts. <i>Neotropical Biodiversity</i> , 2016, 2, 99-114.	0.2	22
67	Polyandry, Predation, and the Evolution of Frog Reproductive Modes. <i>American Naturalist</i> , 2016, 188, S41-S61.	1.0	44
68	Phenotypes in phylogeography: Species traits, environmental variation, and vertebrate diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8041-8048.	3.3	178
69	Dead or alive? Viability of chytrid zoospores shed from live amphibian hosts. <i>Diseases of Aquatic Organisms</i> , 2016, 119, 179-187.	0.5	15
70	The Semiterrestrial Tadpole of <i>Cycloramphus rhyakonastes</i> Heyer, 1983 (Anura, Cycloramphidae). <i>Journal of Herpetology</i> , 2016, 50, 289-294.	0.2	4
71	Cryptic species diversity reveals biogeographic support for the "mountain passes are higher in the tropics" hypothesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160553.	1.2	66
72	Amphibian-killing chytrid in <sc>Brazil</sc> comprises both locally endemic and globally expanding populations. <i>Molecular Ecology</i> , 2016, 25, 2978-2996.	2.0	82

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73	Local phenotypic variation in amphibian-killing fungus predicts infection dynamics. <i>Fungal Ecology</i> , 2016, 20, 15-21.	0.7	25
74	Physiological responses of Brazilian amphibians to an enzootic infection of the chytrid fungus <i>Batrachochytrium dendrobatidis</i> . <i>Diseases of Aquatic Organisms</i> , 2016, 117, 245-252.	0.5	23
75	Contact zone dynamics during early stages of speciation in a chorus frog (<i>Pseudacris crucifer</i>). <i>Heredity</i> , 2016, 116, 239-247.	1.2	13
76	Deforestation, host community structure, and amphibian disease risk. <i>Basic and Applied Ecology</i> , 2016, 17, 72-80.	1.2	25
77	Linking genetic and environmental factors in amphibian disease risk. <i>Evolutionary Applications</i> , 2015, 8, 560-572.	1.5	55
78	Asymmetric Introgression in a Spotted Salamander Hybrid Zone. <i>Journal of Heredity</i> , 2015, 106, 608-617.	1.0	27
79	Vicariance and marine migration in continental island populations of a frog endemic to the Atlantic Coastal forest. <i>Heredity</i> , 2015, 115, 225-234.	1.2	14
80	Positive selection drives the evolution of a major histocompatibility complex gene in an endangered Mexican salamander species complex. <i>Immunogenetics</i> , 2015, 67, 323-335.	1.2	5
81	More than Skin Deep: Functional Genomic Basis for Resistance to Amphibian Chytridiomycosis. <i>Genome Biology and Evolution</i> , 2015, 7, 286-298.	1.1	110
82	Reed frog diversification in the Gulf of Guinea: Overseas dispersal, the progression rule, and in situ speciation. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 904-915.	1.1	44
83	Kinship, inbreeding and fine-scale spatial structure influence gut microbiota in a hindgut-fermenting tortoise. <i>Molecular Ecology</i> , 2015, 24, 2521-2536.	2.0	96
84	Disentangling host, pathogen, and environmental determinants of a recently emerged wildlife disease: lessons from the first 15 years of amphibian chytridiomycosis research. <i>Ecology and Evolution</i> , 2015, 5, 4079-4097.	0.8	191
85	Seasonal and ontogenetic variation of skin microbial communities and relationships to natural disease dynamics in declining amphibians. <i>Royal Society Open Science</i> , 2015, 2, 140377.	1.1	156
86	Overseas dispersal of <i>Hyperolius</i> reed frogs from Central Africa to the oceanic islands of São Tomé and Príncipe. <i>Journal of Biogeography</i> , 2015, 42, 65-75.	1.4	43
87	Seasonal Variation in Population Abundance and Chytrid Infection in Stream-Dwelling Frogs of the Brazilian Atlantic Forest. <i>PLoS ONE</i> , 2015, 10, e0130554.	1.1	34
88	Connectivity and gene flow among Eastern Tiger Salamander (<i>Ambystoma tigrinum</i>) populations in highly modified anthropogenic landscapes. <i>Conservation Genetics</i> , 2014, 15, 1447-1462.	0.8	17
89	Isolation and characterization of microsatellites markers for two South American frogs (<i>Leptodactylus bufonius</i> and <i>L. chaquensis</i>) using next generation sequencing. <i>Amphibia - Reptilia</i> , 2014, 35, 405-412.	0.1	1
90	Morphological taxonomy, DNA barcoding, and species diversity in southern Rocky Mountain headwater streams. <i>Freshwater Science</i> , 2014, 33, 288-301.	0.9	32

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91	Microsatellite markers for Bokermannohyla species (Anura, Hylidae) from the Brazilian Cerrado and Atlantic Forest domains. <i>Amphibia - Reptilia</i> , 2014, 35, 355-360.	0.1	11
92	Fighting a Losing Battle: Vigorous Immune Response Countered by Pathogen Suppression of Host Defenses in the Chytridiomycosis-Susceptible Frog <i>Atelopus zeteki</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1275-1289.	0.8	95
93	Conservation and divergence in the frog immunome: pyrosequencing and de novo assembly of immune tissue transcriptomes. <i>Gene</i> , 2014, 542, 98-108.	1.0	26
94	Climate, physiological tolerance and sex-biased dispersal shape genetic structure of Neotropical orchid bees. <i>Molecular Ecology</i> , 2014, 23, 1874-1890.	2.0	62
95	Kin-bias, breeding site selection and female fitness in a cannibalistic Neotropical frog. <i>Molecular Ecology</i> , 2014, 23, 453-463.	2.0	17
96	Long-term endemism of two highly divergent lineages of the amphibian-killing fungus in the Atlantic Forest of Brazil. <i>Molecular Ecology</i> , 2014, 23, 774-787.	2.0	115
97	Size-Dependent Selective Mechanisms on Males and Females and the Evolution of Sexual Size Dimorphism in Frogs. <i>American Naturalist</i> , 2014, 184, 727-740.	1.0	72
98	Recent introduction of a chytrid fungus endangers Western Palearctic salamanders. <i>Science</i> , 2014, 346, 630-631.	6.0	421
99	Barriers, rather than refugia, underlie the origin of diversity in toads endemic to the Brazilian Atlantic Forest. <i>Molecular Ecology</i> , 2014, 23, 6152-6164.	2.0	77
100	Partitioning the net effect of host diversity on an emerging amphibian pathogen. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141796.	1.2	78
101	Rarity as an indicator of endangerment in neotropical frogs. <i>Biological Conservation</i> , 2014, 179, 54-62.	1.9	50
102	Genomic Studies of Disease-Outcome in Host-Pathogen Dynamics. <i>Integrative and Comparative Biology</i> , 2014, 54, 427-438.	0.9	18
103	The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. <i>Ecography</i> , 2014, 37, 711-719.	2.1	182
104	Batrachochytrium dendrobatidis infection dynamics vary seasonally in upstate New York, USA. <i>Diseases of Aquatic Organisms</i> , 2014, 111, 51-60.	0.5	17
105	Fungal Infection Intensity and Zoospore Output of <i>Atelopus zeteki</i> , a Potential Acute Chytrid Supershedder. <i>PLoS ONE</i> , 2014, 9, e93356.	1.1	60
106	Complex history of the amphibian-killing chytrid fungus revealed with genome resequencing data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9385-9390.	3.3	238
107	Tracking climate change in a dispersal-limited species: reduced spatial and genetic connectivity in a montane salamander. <i>Molecular Ecology</i> , 2013, 22, 3261-3278.	2.0	76
108	The Brazilian Adirondacks?. <i>Science</i> , 2013, 340, 428-428.	6.0	14

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109	Lability in Host Defenses: Terrestrial Frogs Die from Chytridiomycosis under Enzootic Conditions. <i>Journal of Wildlife Diseases</i> , 2013, 49, 197-199.	0.3	24
110	ITS1 Copy Number Varies among <i>Batrachochytrium dendrobatidis</i> Strains: Implications for qPCR Estimates of Infection Intensity from Field-Collected Amphibian Skin Swabs. <i>PLoS ONE</i> , 2013, 8, e59499.	1.1	96
111	Genetic diversity of MHC class I loci in six non-model frogs is shaped by positive selection and gene duplication. <i>Heredity</i> , 2012, 109, 146-155.	1.2	38
112	Latitude, elevational climatic zonation and speciation in New World vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 194-201.	1.2	186
113	Genetic drift and rapid evolution of viviparity in insular fire salamanders (<i>Salamandra salamandra</i>). <i>Heredity</i> , 2012, 108, 410-418.	1.2	55
114	Conservation genetics of threatened Mexican axolotls (<i>Ambystoma</i>). <i>Animal Conservation</i> , 2012, 15, 61-72.	1.5	20
115	Magnetic capture hybridization of <i>Batrachochytrium dendrobatidis</i> genomic DNA. <i>Journal of Microbiological Methods</i> , 2012, 90, 156-159.	0.7	5
116	Amphibian-killing fungus loses genetic diversity as it spreads across the New World. <i>Biological Conservation</i> , 2012, 146, 213-218.	1.9	33
117	Sexual dichromatism in frogs: natural selection, sexual selection and unexpected diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4687-4693.	1.2	104
118	Interaction between breeding habitat and elevation affects prevalence but not infection intensity of <i>Batrachochytrium dendrobatidis</i> in Brazilian anuran assemblages. <i>Diseases of Aquatic Organisms</i> , 2012, 97, 173-184.	0.5	45
119	Novel locus-specific primers for major histocompatibility complex class II alleles from glass frogs developed via genome walking. <i>Conservation Genetics Resources</i> , 2012, 5, 109.	0.4	1
120	Delimiting genetic units in Neotropical toads under incomplete lineage sorting and hybridization. <i>BMC Evolutionary Biology</i> , 2012, 12, 242.	3.2	31
121	Isolation in habitat refugia promotes rapid diversification in a montane tropical salamander. <i>Journal of Biogeography</i> , 2012, 39, 353-370.	1.4	37
122	Evolutionary history of <i>Scinax</i> treefrogs on land-bridge islands in southeastern Brazil. <i>Journal of Biogeography</i> , 2012, 39, 1733-1742.	1.4	29
123	Cryptic lineages and Pleistocene population expansion in a Brazilian Cerrado frog. <i>Molecular Ecology</i> , 2012, 21, 921-941.	2.0	64
124	Disease Risk in Temperate Amphibian Populations Is Higher at Closed-Canopy Sites. <i>PLoS ONE</i> , 2012, 7, e48205.	1.1	72
125	Tropical amphibian populations experience higher disease risk in natural habitats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9893-9898.	3.3	144
126	Disease dynamics vary spatially and temporally in a North American amphibian. <i>Biological Conservation</i> , 2011, 144, 1910-1915.	1.9	94

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127	High Prevalence of the Amphibian Chytrid Pathogen in Gabon. <i>EcoHealth</i> , 2011, 8, 116-120.	0.9	19
128	First Record of <i>Batrachochytrium dendrobatidis</i> Infecting Four Frog Families from Peninsular Malaysia. <i>EcoHealth</i> , 2011, 8, 121-128.	0.9	20
129	MHC genotypes associate with resistance to a frog-killing fungus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16705-16710.	3.3	324
130	Selection, trans-species polymorphism, and locus identification of major histocompatibility complex class III ² alleles of New World ranid frogs. <i>Immunogenetics</i> , 2010, 62, 741-751.	1.2	41
131	Phylogeography of endemic toads and post-Pliocene persistence of the Brazilian Atlantic Forest. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 1018-1031.	1.2	224
132	Roads, Interrupted Dispersal, and Genetic Diversity in Timber Rattlesnakes. <i>Conservation Biology</i> , 2010, 24, 1059-1069.	2.4	158
133	Integrating species life-history traits and patterns of deforestation in amphibian conservation planning. <i>Diversity and Distributions</i> , 2010, 16, 10-19.	1.9	66
134	Isolation and introgression in the Intermountain West: contrasting gene genealogies reveal the complex biogeographic history of the American pika (<i>Ochotona princeps</i>). <i>Journal of Biogeography</i> , 2010, 37, 344-362.	1.4	78
135	Urban Aquatic Habitats and Conservation of Highly Endangered Species: The Case of <i>Ambystoma mexicanum</i> (Caudata, Ambystomatidae). <i>Annales Zoologici Fennici</i> , 2010, 47, 223-238.	0.2	24
136	Genetic Diversification, Vicariance, and Selection in a Polytypic Frog. <i>Journal of Heredity</i> , 2009, 100, 715-731.	1.0	30
137	The scale of genetic differentiation in the Dunes Sagebrush-Lizard (<i>Sceloporus arenicolus</i>), an endemic habitat specialist. <i>Conservation Genetics</i> , 2009, 10, 131-142.	0.8	17
138	Characterization of microsatellite markers for snouted treefrogs in the <i>Scinax</i> <i>perpusillus</i> species group (Anura, Hylidae). <i>Conservation Genetics</i> , 2009, 10, 1053-1056.	0.8	5
139	Delayed genetic effects of habitat fragmentation on the ecologically specialized Florida sand skink (<i>Plestiodon</i> <i>reynoldsi</i>). <i>Conservation Genetics</i> , 2009, 10, 1281-1297.	0.8	31
140	Microsatellite markers for <i>Pseudoeurycea leprosa</i> , a plethodontid salamander endemic to the Transmexican Neovolcanic Belt. <i>Conservation Genetics Resources</i> , 2009, 1, 5-7.	0.4	6
141	Discordant patterns of evolutionary differentiation in two Neotropical treefrogs. <i>Molecular Ecology</i> , 2009, 18, 1375-1395.	2.0	44
142	Geographical variation in genetic structure of an Atlantic Coastal Forest frog reveals regional differences in habitat stability. <i>Molecular Ecology</i> , 2009, 18, 2877-2896.	2.0	96
143	Population differentiation of temperate amphibians in unpredictable environments. <i>Molecular Ecology</i> , 2009, 18, 3185-3200.	2.0	41
144	WHEN COLD IS BETTER: CLIMATE-DRIVEN ELEVATION SHIFTS YIELD COMPLEX PATTERNS OF DIVERSIFICATION AND DEMOGRAPHY IN AN ALPINE SPECIALIST (AMERICAN PIKA, <i>OCHOTONA PRINCEPS</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2848-2863.	1.1	218

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145	Habitat fragmentation reduces genetic diversity and connectivity among toad populations in the Brazilian Atlantic Coastal Forest. <i>Biological Conservation</i> , 2009, 142, 1560-1569.	1.9	257
146	Toward Immunogenetic Studies of Amphibian Chytridiomycosis: Linking Innate and Acquired Immunity. <i>BioScience</i> , 2009, 59, 311-320.	2.2	90
147	Integrating individual behaviour and landscape genetics: the population structure of timber rattlesnake hibernacula. <i>Molecular Ecology</i> , 2008, 17, 719-730.	2.0	93
148	Incongruence in the pattern and timing of intra-specific diversification in bronze frogs and bullfrogs (Ranidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 1041-1053.	1.2	11
149	Characterization of microsatellite markers for <i>Thoropa taophora</i> (Anura, Cycloramphidae), a frog endemic to the Brazilian Atlantic Rain Forest. <i>Molecular Ecology Resources</i> , 2008, 8, 663-665.	2.2	3
150	Reproductive success by large, closely related males facilitated by sperm storage in an aggregate breeding amphibian. <i>Molecular Ecology</i> , 2008, 17, 1564-1576.	2.0	32
151	Genetic Differentiation among Mountain Island Populations of the Striped Plateau Lizard, <i>Sceloporus virgatus</i> (Squamata: Phrynosomatidae). <i>Copeia</i> , 2008, 2008, 558-564.	1.4	31
152	CONSERVATION GENETICS OF THE ENDANGERED COACHELLA VALLEY FRINGE-TOED LIZARD (<i>UMA INORNATA</i>). <i>Herpetologica</i> , 2007, 63, 411-420.	0.2	11
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154	Polymorphic microsatellite markers for Mexican salamanders of the genus <i>Ambystoma</i> . <i>Molecular Ecology Notes</i> , 2007, 7, 818-820.	1.7	17
155	Unexpectedly low genetic divergences among populations of the threatened bog turtle (<i>Glyptemys</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 0.8 38	0.8	38
156	Fine-scale spatial genetic structure and dispersal among spotted salamander (<i>Ambystoma maculatum</i>) breeding populations. <i>Molecular Ecology</i> , 2006, 16, 257-274.	2.0	90
157	Compartment Syndrome, Fasciotomy, and Neuropathy After a Rattlesnake Envenomation: Aspects of Monitoring and Diagnosis. <i>Wilderness and Environmental Medicine</i> , 2006, 17, 36-40.	0.4	19
158	Multiple paternity in an aggregate breeding amphibian: the effect of reproductive skew on estimates of male reproductive success. <i>Molecular Ecology</i> , 2004, 13, 1951-1963.	2.0	68
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160	Horned lizard (<i>Phrynosoma</i>) phylogeny inferred from mitochondrial genes and morphological characters: understanding conflicts using multiple approaches. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 961-971.	1.2	27
161	Early male reproductive advantage, multiple paternity and sperm storage in an amphibian aggregate breeder. <i>Molecular Ecology</i> , 2003, 12, 1567-1576.	2.0	45
162	HISTORICAL ISOLATION, RANGE EXPANSION, AND SECONDARY CONTACT OF TWO HIGHLY DIVERGENT MITOCHONDRIAL LINEAGES IN SPOTTED SALAMANDERS (<i>AMBYSTOMA MACULATUM</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1631-1652.	1.1	145

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163	HISTORICAL ISOLATION, RANGE EXPANSION, AND SECONDARY CONTACT OF TWO HIGHLY DIVERGENT MITOCHONDRIAL LINEAGES IN SPOTTED SALAMANDERS (<i>AMBYSTOMA MACULATUM</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1631.	1.1	62
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165	Sexual selection and alternative mating behaviours generate demographic stochasticity in small populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 157-164.	1.2	56
166	JURISDICTION OVER ENDANGERED SPECIES' HABITAT: THE IMPACTS OF PEOPLE AND PROPERTY ON RECOVERY PLANNING. , 2002, 12, 690-700.		14
167	Isolation of microsatellite loci in spotted salamanders (<i>Ambystoma maculatum</i>). <i>Molecular Ecology Notes</i> , 2002, 2, 313-315.	1.7	6
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169	Relationships of the Salamandrid Genera <i>Paramesotriton</i> , <i>Pachytriton</i> , and <i>Cynops</i> Based on Mitochondrial DNA Sequences. <i>Copeia</i> , 2001, 2001, 997-1009.	1.4	20
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176	Comparative structure analysis of vertebrate ribonuclease P RNA. <i>Nucleic Acids Research</i> , 1998, 26, 3333-3339.	6.5	29
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179	Phylogeography of the bushmaster (<i>Lachesis muta</i> : Viperidae): implications for neotropical biogeography, systematics, and conservation. <i>Biological Journal of the Linnean Society</i> , 1997, 62, 421-442.	0.7	187
180	Phylogeography of the bushmaster (<i>Lachesis muta</i> : Viperidae): implications for neotropical biogeography, systematics, and conservation. <i>Biological Journal of the Linnean Society</i> , 1997, 62, 421-442.	0.7	52

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182	Alternative reproductive tactics in amphibians. , 0, , 300-331.		47
183	Population structure in the catfish <i>Trichogenes longipinnis</i> : drift offset by asymmetrical migration in a tiny geographic range. <i>Biological Journal of the Linnean Society</i> , 0, 97, 259-274.	0.7	13
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