

Rayna Bell

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,171
citations

430874

18
h-index

434195

31
g-index

45
all docs

45
docs citations

45
times ranked

1700
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic library preparation and hybridization capture of formalin-fixed tissues and allozyme supernatant for population genomics and considerations for combining capture and RADseq-based single nucleotide polymorphism data sets. <i>Molecular Ecology Resources</i> , 2022, 22, 487-502.	4.8	10
2	Giant Tree Frog diversification in West and Central Africa: Isolation by physical barriers, climate, and reproductive traits. <i>Molecular Ecology</i> , 2022, 31, 3979-3998.	3.9	7
3	Independent evolutionary transitions to pueriparity across multiple timescales in the viviparous genus <i>Salamandra</i> . <i>Molecular Phylogenetics and Evolution</i> , 2022, 167, 107347.	2.7	3
4	Ecology drives patterns of spectral transmission in the ocular lenses of frogs and salamanders. <i>Functional Ecology</i> , 2022, 36, 850-864.	3.6	8
5	Vision in dim light and the evolution of color pattern in a crepuscular/nocturnal frog. <i>Evolutionary Ecology</i> , 2022, 36, 355-371.	1.2	4
6	Endemism, invasion, and overseas dispersal: the phylogeographic history of the Lesser Antillean frog, <i>Eleutherodactylus johnstonei</i> . <i>Biological Invasions</i> , 2022, 24, 2707-2722.	2.4	3
7	Eye-body allometry across biphasic ontogeny in anuran amphibians. <i>Evolutionary Ecology</i> , 2021, 35, 337-359.	1.2	14
8	Evolutionary drivers of sexual signal variation in Amazon Slender Anoles. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1361-1376.	2.3	2
9	Speciation and secondary contact in a fossorial island endemic, the São Tomé caecilian. <i>Molecular Ecology</i> , 2021, 30, 2859-2871.	3.9	15
10	Convergent patterns of adaptive radiation between island and mainland <i>Anolis</i> lizards. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 85-110.	1.6	21
11	Two-hundred million years of anuran body size evolution in relation to geography, ecology and life history. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1417-1432.	1.7	26
12	Eye size and investment in frogs and toads correlate with adult habitat, activity pattern and breeding ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201393.	2.6	32
13	The Type Locality Project: collecting genomic-quality, topotypic vouchers and training the next generation of specimen-based researchers. <i>Systematics and Biodiversity</i> , 2020, 18, 557-572.	1.2	8
14	Chytrid Pathogen (<i>Batrachochytrium dendrobatidis</i>) in African Amphibians: A Continental Analysis of Occurrences and Modeling of Its Potential Distribution. <i>Herpetologica</i> , 2020, 76, 201.	0.4	8
15	Cryptic diversity of a widespread global pathogen reveals expanded threats to amphibian conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20382-20387.	7.1	86
16	Exploring rain forest diversification using demographic model testing in the African foam-nest treefrog <i>Chiromantis rufescens</i> . <i>Journal of Biogeography</i> , 2019, 46, 2706-2721.	3.0	28
17	Phenotypic and genetic divergence in reed frogs across a mosaic hybrid zone on São Tomé Island. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 672-680.	1.6	19
18	Sexual Dichromatism Drives Diversification within a Major Radiation of African Amphibians. <i>Systematic Biology</i> , 2019, 68, 859-875.	5.6	41

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19	Morphological and genetic variation of <i>Leptopelis brevirostris</i> encompasses the little-known treefrogs <i>Leptopelis crystallinoron</i> from Gabon and <i>Leptopelis brevipes</i> from Bioko Island, Equatorial Guinea. <i>African Journal of Herpetology</i> , 2019, 68, 91-117.	0.9	3
20	Evolution of advertisement calls in an island radiation of African reed frogs. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 1-11.	1.6	15
21	Uncertainty in Phylogenetic Tree Estimates. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 542-552.	1.7	15
22	Sky, sea, and forest islands: Diversification in the African leaf-folding frog <i>Afrrixalus paradorsalis</i> (Anura: Hyperoliidae) of the Lower Guineo-Congolian rain forest. <i>Journal of Biogeography</i> , 2018, 45, 1781-1794.	3.0	33
23	Breeding biology and the evolution of dynamic sexual dichromatism in frogs. <i>Journal of Evolutionary Biology</i> , 2017, 30, 2104-2115.	1.7	33
24	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.	1.9	14
25	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.	3.9	40
26	A New Species of <i>Hyperolius</i> (Amphibia: Hyperoliidae) from Príncipe Island, Democratic Republic of São Tomé and Príncipe. <i>Herpetologica</i> , 2016, 72, 343-351.	0.4	15
27	Polyandry, Predation, and the Evolution of Frog Reproductive Modes. <i>American Naturalist</i> , 2016, 188, S41-S61.	2.1	44
28	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.	7.1	178
29	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.	2.3	44
30	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.	3.0	43
31	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.	1.5	17
32	Light shines through the spindrift – Phylogeny of African torrent frogs (Amphibia, Anura). <i>Journal of Biogeography</i> , 2014, 41, 50-222.	2.7	18
33	Effectiveness of <i>Erythrina</i> gall wasp biocontrol and implications for the recovery of threatened Wiliwili trees (Fabaceae: <i>Erythrina sandwicensis</i>). <i>Journal of the Torrey Botanical Society</i> , 2013, 140, 215-224.	0.3	10
34	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.	2.6	104
35	Rhythmic male reproductive behavior controls timing of courtship and mating in <i>Laupala cerasina</i> . <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1333-1340.	1.4	6
36	Comparative multi-locus phylogeography confirms multiple vicariance events in co-distributed rainforest frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 991-999.	2.6	66

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37	Evolutionary history of <i>Scinax</i> treefrogs on land-bridge islands in southeastern Brazil. Journal of Biogeography, 2012, 39, 1733-1742.	3.0	29
38	High Prevalence of the Amphibian Chytrid Pathogen in Gabon. EcoHealth, 2011, 8, 116-120.	2.0	19
39	Patterns of persistence and isolation indicate resilience to climate change in montane rainforest lizards. Molecular Ecology, 2010, 19, no-no.	3.9	78
40	Aposematic patterns shift continuously throughout the life of poison frogs. Journal of Zoology, 0, , .	1.7	1
41	Speciation with gene flow in a narrow endemic West Virginia cave salamander (<i>Gyrinophilus</i>)	1.5	2