

Jason L Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5819016/publications.pdf>

Version: 2024-02-01

62
papers

3,735
citations

201385

27
h-index

138251

58
g-index

64
all docs

64
docs citations

64
times ranked

4807
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>SDM</scp>toolbox: a python-based <scp>GIS</scp> toolkit for landscape genetic, biogeographic and species distribution model analyses. <i>Methods in Ecology and Evolution</i> , 2014, 5, 694-700.	2.2	864
2	SDMtoolbox 2.0: the next generation Python-based GIS toolkit for landscape genetic, biogeographic and species distribution model analyses. <i>PeerJ</i> , 2017, 5, e4095.	0.9	581
3	PaleoClim, high spatial resolution paleoclimate surfaces for global land areas. <i>Scientific Data</i> , 2018, 5, 180254.	2.4	265
4	Integrating statistical genetic and geospatial methods brings new power to phylogeography. <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 523-537.	1.2	201
5	A Key Ecological Trait Drove the Evolution of Biparental Care and Monogamy in an Amphibian. <i>American Naturalist</i> , 2010, 175, 436-446.	1.0	164
6	Shifting ranges and conservation challenges for lemurs in the face of climate change. <i>Ecology and Evolution</i> , 2015, 5, 1131-1142.	0.8	108
7	A taxonomic revision of the Neotropical poison frog genus <i>Ranitomeya</i> (Amphibia: Dendrobatidae). <i>Zootaxa</i> , 2011, 3083, 1.	0.2	106
8	Inferring responses to climate dynamics from historical demography in neotropical forest lizards. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7978-7985.	3.3	91
9	Environmental temperatures shape thermal physiology as well as diversification and genome-wide substitution rates in lizards. <i>Nature Communications</i> , 2019, 10, 4077.	5.8	89
10	A necessarily complex model to explain the biogeography of the amphibians and reptiles of Madagascar. <i>Nature Communications</i> , 2014, 5, 5046.	5.8	80
11	Spatially explicit models of dynamic histories: examination of the genetic consequences of Pleistocene glaciation and recent climate change on the American Pika. <i>Molecular Ecology</i> , 2012, 21, 3757-3775.	2.0	65
12	CITES Designation for Endangered Rosewood in Madagascar. <i>Science</i> , 2010, 328, 1109-1110.	6.0	59
13	Genetic divergence and speciation in lowland and montane peruvian poison frogs. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 149-164.	1.2	56
14	<i>Candida auris</i> : A Decade of Understanding of an Enigmatic Pathogenic Yeast. <i>Journal of Fungi (Basel)</i> , 2020, 6, 18.	1.3	49
15	Complicated histories: three new species of poison frogs of the genus <i>Ameerega</i> (Anura). <i>Journal of Herpetology</i> , 2017, 51, 102-114.	0.2	48
16	Extinction Risks and the Conservation of Madagascar's Reptiles. <i>PLoS ONE</i> , 2014, 9, e100173.	1.1	47
17	<i>Candida auris</i> Phenotypic Heterogeneity Determines Pathogenicity <i>In Vitro</i> . <i>MSphere</i> , 2020, 5, .	1.3	46
18	Spatial Biodiversity Patterns of Madagascar's Amphibians and Reptiles. <i>PLoS ONE</i> , 2016, 11, e0144076.	1.1	44

#	ARTICLE	IF	CITATIONS
19	Predicting the genetic consequences of future climate change: The power of coupling spatial demography, the coalescent, and historical landscape changes. <i>American Journal of Botany</i> , 2016, 103, 153-163.	0.8	43
20	Tactical reproductive parasitism via larval cannibalism in Peruvian poison frogs. <i>Biology Letters</i> , 2009, 5, 148-151.	1.0	42
21	Environmental correlates of floristic regions and plant turnover in the Atlantic Forest hotspot. <i>Journal of Biogeography</i> , 2016, 43, 2322-2331.	1.4	42
22	Evidence for selection on coloration in a Panamanian poison frog: a coalescent-based approach. <i>Journal of Biogeography</i> , 2010, 37, 891-901.	1.4	40
23	Transcriptomic and macroevolutionary evidence for phenotypic uncoupling between frog life history phases. <i>Nature Communications</i> , 2017, 8, 15213.	5.8	40
24	Population expansion, isolation and selection: novel insights on the evolution of color diversity in the strawberry poison frog. <i>Evolutionary Ecology</i> , 2013, 27, 797-824.	0.5	39
25	Polymicrobial oral biofilm models: simplifying the complex. <i>Journal of Medical Microbiology</i> , 2019, 68, 1573-1584.	0.7	39
26	Current State of Conservation Knowledge on Threatened Amphibian Species in Peru. <i>Tropical Conservation Science</i> , 2008, 1, 376-396.	0.6	34
27	Biofilm-stimulated epithelium modulates the inflammatory responses in co-cultured immune cells. <i>Scientific Reports</i> , 2019, 9, 15779.	1.6	33
28	Rapid diversification of colouration among populations of a poison frog isolated on sky peninsulas in the central cordilleras of Peru. <i>Journal of Biogeography</i> , 2007, 34, 417-426.	1.4	31
29	Seeing the forest through many trees: Multi-taxon patterns of phylogenetic diversity in the Atlantic Forest hotspot. <i>Diversity and Distributions</i> , 2020, 26, 1160-1176.	1.9	26
30	A partial revision of the <i>Ameerega hahneli</i> complex (Anura: Dendrobatidae) and a new cryptic species from the East-Andean versant of Central Peru. <i>Zootaxa</i> , 2008, 1757, 49.	0.2	23
31	Phylogenomic Reconstruction of the Neotropical Poison Frogs (Dendrobatidae) and Their Conservation. <i>Diversity</i> , 2019, 11, 126.	0.7	23
32	<i>Candida albicans</i> as an Essential "Keystone" Component within Polymicrobial Oral Biofilm Models?. <i>Microorganisms</i> , 2021, 9, 59.	1.6	23
33	Chitosan Ameliorates <i>Candida auris</i> Virulence in a <i>Galleria mellonella</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	22
34	Testing for selection on color and pattern in a mimetic radiation. <i>Environmental Epigenetics</i> , 2012, 58, 668-676.	0.9	21
35	Tracing a toad invasion: lack of mitochondrial DNA variation, haplotype origins, and potential distribution of introduced <i>Duttaphrynus melanostictus</i> in Madagascar. <i>Amphibia - Reptilia</i> , 2017, 38, 197-207.	0.1	18
36	Environmental correlates of taxonomic and phylogenetic diversity in the Atlantic Forest. <i>Journal of Biogeography</i> , 2021, 48, 1377-1391.	1.4	18

#	ARTICLE	IF	CITATIONS
37	Phylogenetic relationships and systematics of the Amazonian poison frog genus <i>Ameerega</i> using ultraconserved genomic elements. <i>Molecular Phylogenetics and Evolution</i> , 2020, 142, 106638.	1.2	17
38	Interkingdom interactions on the denture surface: Implications for oral hygiene. <i>Biofilm</i> , 2019, 1, 100002.	1.5	15
39	Career services in Australian higher education: aligning the training of practitioners to contemporary practice. <i>Journal of Higher Education Policy and Management</i> , 2019, 41, 518-533.	1.5	14
40	An examination of climate-driven flowering time shifts at large spatial scales over 153 years in a common weedy annual. <i>American Journal of Botany</i> , 2019, 106, 1435-1443.	0.8	14
41	Glycation of Host Proteins Increases Pathogenic Potential of <i>Porphyromonas gingivalis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 12084.	1.8	14
42	Links between prey assemblages and poison frog toxins: A landscape ecology approach to assess how biotic interactions affect species phenotypes. <i>Ecology and Evolution</i> , 2019, 9, 14317-14329.	0.8	13
43	A nanocarrier system that potentiates the effect of miconazole within different interkingdom biofilms. <i>Journal of Oral Microbiology</i> , 2020, 12, 1771071.	1.2	12
44	A New Method for Integrating Ecological Niche Modeling with Phylogenetics to Estimate Ancestral Distributions. <i>Systematic Biology</i> , 2021, 70, 1033-1045.	2.7	12
45	The evolution of parental care, aposematism and color diversity in Neotropical poison frogs. <i>Evolutionary Ecology</i> , 2013, 27, 825-829.	0.5	11
46	Speciation with introgression: Phylogeography and systematics of the <i>Ameerega petersi</i> group (Dendrobatidae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 138, 31-42.	1.2	11
47	Phylogeography of the poison frog <i>Mantella viridis</i> (Amphibia: Mantellidae) reveals chromatic and genetic differentiation across ecotones in northern Madagascar. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2012, 50, 305-314.	0.6	10
48	The development and analysis of twenty-one microsatellite loci for three species of Amazonian poison frogs. <i>Conservation Genetics Resources</i> , 2009, 1, 149-151.	0.4	7
49	Relations between graduates' learning experiences and employment outcomes: a cautionary note for institutional performance indicators. <i>International Journal for Educational and Vocational Guidance</i> , 2022, 22, 137-156.	0.7	7
50	Assessing the Bioactive Profile of Antifungal-Loaded Calcium Sulfate against Fungal Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	6
51	An institutional framework to guide the comparison of work-integrated learning. <i>Journal of Teaching and Learning for Graduate Employability</i> , 2019, 10, 88-100.	1.4	6
52	Connectedness learning in the life sciences: LinkedIn as an assessment task for employability and career exploration. , 2019, , .		6
53	An In Vitro Evaluation of Denture Cleansing Regimens against a Polymicrobial Denture Biofilm Model. <i>Antibiotics</i> , 2022, 11, 113.	1.5	6
54	Phylogenomic analysis of evolutionary relationships in <i>Ranitomeya</i> poison frogs (Family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (De 107389.	1.2	6

#	ARTICLE	IF	CITATIONS
55	A critical evaluation of the Oscillayers methods and datasets. <i>Global Ecology and Biogeography</i> , 2020, 29, 1435-1442.	2.7	5
56	Gaming natural selection: Using board games as simulations to teach evolution. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 681-685.	1.1	5
57	Chitosan Enhances the Anti-Biofilm Activity of Biodentine against an Interkingdom Biofilm Model. <i>Antibiotics</i> , 2021, 10, 1317.	1.5	5
58	Filling the Void: An Optimized Polymicrobial Interkingdom Biofilm Model for Assessing Novel Antimicrobial Agents in Endodontic Infection. <i>Microorganisms</i> , 2020, 8, 1988.	1.6	4
59	Investigating Dual-Species <i>Candida auris</i> and Staphylococcal Biofilm Antiseptic Challenge. <i>Antibiotics</i> , 2022, 11, 931.	1.5	4
60	Systematics of the <i>Ameerega rubriventris</i> complex (Anura: Dendrobatidae) with descriptions of two new cryptic species from the East-Andean versant of Peru. <i>Zootaxa</i> , 2019, 4712, zootaxa.4712.2.3.	0.2	2
61	Neotropical poison frogs: evolution's guide to parenting, fashion and communication in a dynamic world. <i>Evolutionary Ecology</i> , 2013, 27, 655-659.	0.5	0
62	Antifungal loaded calcium sulfate beads as a potential therapeutic in combating <i>Candida auris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, , AAC0171321.	1.4	0