

Sonal Singhal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/194744/publications.pdf>

Version: 2024-02-01

27
papers

1,336
citations

516710

16
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2381
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable recombination hotspots in birds. <i>Science</i> , 2015, 350, 928-932.	12.6	280
2	Transcriptome-based exon capture enables highly cost-effective comparative genomic data collection at moderate evolutionary scales. <i>BMC Genomics</i> , 2012, 13, 403.	2.8	253
3	Reproductive isolation between phylogeographic lineages scales with divergence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132246.	2.6	93
4	<i>De novo</i> transcriptomic analyses for non-model organisms: an evaluation of methods across a multi-species data set. <i>Molecular Ecology Resources</i> , 2013, 13, 403-416.	4.8	71
5	A Framework for Resolving Cryptic Species: A Case Study from the Lizards of the Australian Wet Tropics. <i>Systematic Biology</i> , 2018, 67, 1061-1075.	5.6	71
6	Temporal genomic contrasts reveal rapid evolutionary responses in an alpine mammal during recent climate change. <i>PLoS Genetics</i> , 2019, 15, e1008119.	3.5	70
7	Beyond Reproductive Isolation: Demographic Controls on the Speciation Process. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2019, 50, 75-95.	8.3	66
8	Evaluating the performance of anchored hybrid enrichment at the tips of the tree of life: a phylogenetic analysis of Australian <i>Eugongylus</i> group scincid lizards. <i>BMC Evolutionary Biology</i> , 2015, 15, 62.	3.2	57
9	STRONG SELECTION AGAINST HYBRIDS MAINTAINS A NARROW CONTACT ZONE BETWEEN MORPHOLOGICALLY CRYPTIC LINEAGES IN A RAINFOREST LIZARD. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1474-1489.	2.3	43
10	Squamate Conserved Loci (S _{CL}): A unified set of conserved loci for phylogenomics and population genetics of squamate reptiles. <i>Molecular Ecology Resources</i> , 2017, 17, e12-e24.	4.8	36
11	Does Population Structure Predict the Rate of Speciation? A Comparative Test across Australia's Most Diverse Vertebrate Radiation. <i>American Naturalist</i> , 2018, 192, 432-447.	2.1	35
12	Congruence and Conflict in the Higher-Level Phylogenetics of Squamate Reptiles: An Expanded Phylogenomic Perspective. <i>Systematic Biology</i> , 2021, 70, 542-557.	5.6	35
13	Testing hypotheses for genealogical discordance in a rainforest lizard. <i>Molecular Ecology</i> , 2012, 21, 5059-5072.	3.9	29
14	Evolutionary Dynamics and Consequences of Parthenogenesis in Vertebrates. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 191-214.	8.3	27
15	Dispersal Predicts Hybrid Zone Widths across Animal Diversity: Implications for Species Borders under Incomplete Reproductive Isolation. <i>American Naturalist</i> , 2020, 196, 9-28.	2.1	26
16	Natural selection maintains species despite frequent hybridization in the desert shrub <i>Encelia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33373-33383.	7.1	21
17	Genetic diversity is largely unpredictable but scales with museum occurrences in a species-rich clade of Australian lizards. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162588.	2.6	18
18	Is genomic diversity a useful proxy for census population size? Evidence from a species-rich community of desert lizards. <i>Molecular Ecology</i> , 2019, 28, 1664-1674.	3.9	18

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19	History cleans up messes: The impact of time in driving divergence and introgression in a tropical suture zone. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1888-1899.	2.3	17
20	A return-on-investment approach for prioritization of rigorous taxonomic research needed to inform responses to the biodiversity crisis. <i>PLoS Biology</i> , 2021, 19, e3001210.	5.6	15
21	The dynamics of introgression across an avian radiation. <i>Evolution Letters</i> , 2021, 5, 568-581.	3.3	15
22	No link between population isolation and speciation rate in squamate reptiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	13
23	Diversification, disparification and hybridization in the desert shrubs <i>Encelia</i> . <i>New Phytologist</i> , 2021, 230, 1228-1241.	7.3	10
24	Genetic and Ecogeographic Controls on Species Cohesion in Australia's Most Diverse Lizard Radiation. <i>American Naturalist</i> , 2022, 199, E57-E75.	2.1	6
25	Genetic variability and the ecology of geographic range: A test of the central-marginal hypothesis in Australian scincid lizards. <i>Molecular Ecology</i> , 2022, 31, 4242-4253.	3.9	5
26	A lizard with two tales: What diversification within <i>Sceloporus occidentalis</i> teaches us about species formation. <i>Molecular Ecology</i> , 2022, 31, 407-410.	3.9	4
27	Predicting speciation probability from replicated population histories. <i>Molecular Ecology</i> , 2020, 29, 2954-2956.	3.9	2