

Jonathan Rolland

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,553
citations

471509

17
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

2461
citing authors

#	ARTICLE	IF	CITATIONS
1	Faster Speciation and Reduced Extinction in the Tropics Contribute to the Mammalian Latitudinal Diversity Gradient. <i>PLoS Biology</i> , 2014, 12, e1001775.	5.6	279
2	Macroevolutionary perspectives to environmental change. <i>Ecology Letters</i> , 2013, 16, 72-85.	6.4	222
3	Assessing the causes of diversification slowdowns: temperature-dependent and diversity-dependent models receive equivalent support. <i>Ecology Letters</i> , 2019, 22, 1900-1912.	6.4	101
4	The impact of endothermy on the climatic niche evolution and the distribution of vertebrate diversity. <i>Nature Ecology and Evolution</i> , 2018, 2, 459-464.	7.8	91
5	Hummingbird pollination and the diversification of angiosperms: an old and successful association in Gesneriaceae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162816.	2.6	86
6	Testing the Role of the Red Queen and Court Jester as Drivers of the Macroevolution of Apollo Butterflies. <i>Systematic Biology</i> , 2018, 67, 940-964.	5.6	83
7	Settling down of seasonal migrants promotes bird diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140473.	2.6	68
8	Niche width impacts vertebrate diversification. <i>Global Ecology and Biogeography</i> , 2016, 25, 1252-1263.	5.8	55
9	Early Arrival and Climatically-Linked Geographic Expansion of New World Monkeys from Tiny African Ancestors. <i>Systematic Biology</i> , 2019, 68, 78-92.	5.6	50
10	Dispersal is a major driver of the latitudinal diversity gradient of <i>Carnivora</i> . <i>Global Ecology and Biogeography</i> , 2015, 24, 1059-1071.	5.8	46
11	Clownfishes evolution below and above the species level. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20171796.	2.6	42
12	Targeted Capture of Hundreds of Nuclear Genes Unravels Phylogenetic Relationships of the Diverse Neotropical Palm Tribe Geonomateae. <i>Frontiers in Plant Science</i> , 2019, 10, 864.	3.6	40
13	Molecular ecology studies of species radiations: current research gaps, opportunities and challenges. <i>Molecular Ecology</i> , 2017, 26, 2608-2622.	3.9	34
14	On the Origin of Coexisting Species. <i>Trends in Ecology and Evolution</i> , 2021, 36, 284-293.	8.7	31
15	Distance to native climatic niche margins explains establishment success of alien mammals. <i>Nature Communications</i> , 2021, 12, 2353.	12.8	25
16	Causes and Consequences of Apparent Timescaling Across All Estimated Evolutionary Rates. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 587-609.	8.3	23
17	The contribution of temperature and continental fragmentation to amphibian diversification. <i>Journal of Biogeography</i> , 2019, 46, 1857-1873.	3.0	17
18	Fixism and conservation science. <i>Conservation Biology</i> , 2017, 31, 781-788.	4.7	16

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19	Phylogenomics of palearctic <i>Formica</i> species suggests a single origin of temporary parasitism and gives insights to the evolutionary pathway toward slave-making behaviour. <i>BMC Evolutionary Biology</i> , 2018, 18, 40.	3.2	15
20	Slowly but surely: gradual diversification and phenotypic evolution in the hyper-diverse tree fern family Cyatheaceae. <i>Annals of Botany</i> , 2020, 125, 93-103.	2.9	14
21	Combining niche modelling and landscape genetics to study local adaptation: A novel approach illustrated using alpine plants. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 491-499.	2.7	13
22	A process-based model supports an association between dispersal and the prevalence of species traits in tropical reef fish assemblages. <i>Ecography</i> , 2019, 42, 2095-2106.	4.5	13
23	On the Effect of Asymmetrical Trait Inheritance on Models of Trait Evolution. <i>Systematic Biology</i> , 2021, 70, 376-388.	5.6	13
24	Molecular evolutionary rates are not correlated with temperature and latitude in Squamata: an exception to the metabolic theory of ecology?. <i>BMC Evolutionary Biology</i> , 2016, 16, 95.	3.2	12
25	Vulnerability to Fishing and Life History Traits Correlate with the Load of Deleterious Mutations in Teleosts. <i>Molecular Biology and Evolution</i> , 2020, 37, 2192-2196.	8.9	12
26	Faster evolution of a premating reproductive barrier is not associated with faster speciation rates in New World passerine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211514.	2.6	11
27	How should functional relationships be evaluated using phylogenetic comparative methods? A case study using metabolic rate and body temperature. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1097-1105.	2.3	10
28	Tempo and mode of morphological evolution are decoupled from latitude in birds. <i>PLoS Biology</i> , 2021, 19, e3001270.	5.6	7
29	Comparing profile methods and site-occupancy modelling for the study of occurrence of an elusive species. <i>European Journal of Wildlife Research</i> , 2011, 57, 1115-1118.	1.4	3
30	Response to technical comment – A cautionary note for users of linear diversification dependencies™. <i>Ecology Letters</i> , 2020, 23, 1172-1174.	6.4	3