James Rosindell

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	3,227 citations	331259 21 h-index	301761 39 g-index
54 all docs	54 docs citations	54 times ranked	4682 citing authors

#	Article	IF	Citations
1	The Unified Neutral Theory of Biodiversity and Biogeography at Age Ten. Trends in Ecology and Evolution, 2011, 26, 340-348.	4.2	565
2	Is habitat fragmentation good for biodiversity?. Biological Conservation, 2018, 226, 9-15.	1.9	430
3	Islands as model systems in ecology and evolution: prospects fifty years after MacArthurâ€Wilson. Ecology Letters, 2015, 18, 200-217.	3.0	356
4	The case for ecological neutral theory. Trends in Ecology and Evolution, 2012, 27, 203-208.	4.2	261
5	Protracted speciation revitalizes the neutral theory of biodiversity. Ecology Letters, 2010, 13, 716-727.	3.0	191
6	A unified model of island biogeography sheds light on the zone of radiation. Ecology Letters, 2011, 14, 552-560.	3.0	171
7	Prolonging the Past Counteracts the Pull of the Present: Protracted Speciation Can Explain Observed Slowdowns in Diversification. Systematic Biology, 2012, 61, 204.	2.7	158
8	Speciesâ€“area relationships from a spatially explicit neutral model in an infinite landscape. Ecology Letters, 2007, 10, 586-595.	3.0	136
9	Speciesâ€“area curves, neutral models, and long-distance dispersal. Ecology, 2009, 90, 1743-1750.	1.5	81
10	A coalescence approach to spatial neutral ecology. Ecological Informatics, 2008, 3, 259-271.	2.3	70
11	A phylogenomic analysis of Nepenthes (Nepenthaceae). Molecular Phylogenetics and Evolution, 2020, 144, 106668.	1.2	68
12	The Neutralâ€”Niche Debate: A Philosophical Perspective. Acta Biotheoretica, 2012, 60, 257-271.	0.7	64
13	Unifying ecology and macroevolution with individualâ€based theory. Ecology Letters, 2015, 18, 472-482.	3.0	59
14	Global priorities for conservation of reptilian phylogenetic diversity in the face of human impacts. Nature Communications, 2020, 11, 2616.	5.8	59
15	Speciesâ€“area relationships and biodiversity loss in fragmented landscapes. Ecology Letters, 2018, 21, 804-813.	3.0	55
16	A unified model of species immigration, extinction and abundance on islands. Journal of Biogeography, 2013, 40, 1107-1118.	1.4	46
17	Uncovering the rules of microbial community invasions. Nature Ecology and Evolution, 2019, 3, 1162-1171.	3.4	46
18	Unifying macroecology and macroevolution to answer fundamental questions about biodiversity. Global Ecology and Biogeography, 2019, 28, 1925-1936.	2.7	44

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19	The Spatial Limitations of Current Neutral Models of Biodiversity. PLoS ONE, 2011, 6, e14717.	1.1	27
20	Universal scaling of speciesâ€abundance distributions across multiple scales. Oikos, 2013, 122, 1101-1111.	1.2	26
21	Characterising extinction debt following habitat fragmentation using neutral theory. Ecology Letters, 2019, 22, 2087-2096.	3.0	26
22	A unified model of species abundance, genetic diversity, and functional diversity reveals the mechanisms structuring ecological communities. Molecular Ecology Resources, 2021, 21, 2782-2800.	2.2	24
23	The price of conserving avian phylogenetic diversity: a global prioritization approach. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140004.	1.8	23
24	Quantifying the effects of the break up of Pangaea on global terrestrial diversification with neutral theory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150221.	1.8	20
25	Predictions of Taylor's power law, density dependence and pink noise from a neutrally modeled time series. Journal of Theoretical Biology, 2010, 265, 78-86.	0.8	19
26	Can clade age alone explain the relationship between body size and diversity?. Interface Focus, 2012, 2, 170-179.	1.5	19
27	Relationship between conservation biology and ecology shown through machine reading of 32,000 articles. Conservation Biology, 2020, 34, 721-732.	2.4	19
28	Analytical evidence for scale-invariance in the shape of species abundance distributions. Mathematical Biosciences, 2010, 223, 151-159.	0.9	18
29	On the Interface of Food Webs and Spatial Ecology: The Trophic Dimension of Speciesâ€“Area Relationships. , 2021, , 289-318.		18
30	Neutral syndrome. Nature Human Behaviour, 2020, 4, 780-790.	6.2	16
31	Biodiversity, the Tree of Life, and Science Communication. , 2018, , 41-71.		14
32	A simple spatially explicit neutral model explains the range size distribution of reef fishes. Global Ecology and Biogeography, 2019, 28, 875-890.	2.7	13
33	Dynamic visualisation of millionâ€tip trees: The OneZoom project. Methods in Ecology and Evolution, 2022, 13, 303-313.	2.2	13
34	Reconciling the contribution of environmental and stochastic structuring of tropical forest diversity through the lens of imaging spectroscopy. Ecology Letters, 2019, 22, 1608-1619.	3.0	9
35	Unified neutral theory of biodiversity and biogeography. Scholarpedia Journal, 2010, 5, 8822.	0.3	8
36	pycoalescence and rcoalescence: Packages for simulating spatially explicit neutral models of biodiversity. Methods in Ecology and Evolution, 2020, 11, 1237-1246.	2.2	7

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37	Using Food Webs and Metabolic Theory to Monitor, Model, and Manage Atlantic Salmonâ€"A Keystone Species Under Threat. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	6
38	Age structure in neutral theory resolves inconsistencies related to reproductive-size threshold. Journal of Plant Ecology, 2012, 5, 64-71.	1.2	4
39	Comment on â€œGlobal Correlations in Tropical Tree Species Richness and Abundance Reject Neutralityâ€. Science, 2012, 336, 1639-1639.	6.0	2
40	The Speciesâ€"Area Relationships of Ecological Neutral Theory. , 2021, , 259-288.		2
41	The distribution, ecology and predicted habitat use of the Critically Endangered <scp>angelshark</scp> (Squatina squatina) in coastal waters of <scp>Wales</scp> and the central <scp>Irish Sea</scp>. Journal of Fish Biology, 0, , .	0.7	2
42	Neutral Theory is a tool that should be wielded with care. Nature Human Behaviour, 2021, 5, 809-809.	6.2	1
43	Biogeographic Drivers of Evolutionary Radiations. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0