Caroline M Tucker

List of Publications by Year
in descending order

28 papers	2,460 citations	471509 17 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	4455 citing authors

#	Article	IF	Citations
1	A guide to phylogenetic metrics for conservation, community ecology and macroecology. Biological Reviews, 2017, 92, 698-715.	10.4	570
2	Should Environmental Filtering be Abandoned?. Trends in Ecology and Evolution, 2017, 32, 429-437.	8.7	509
3	*pez*: phylogenetics for the environmental sciences. Bioinformatics, 2015, 31, 2888-2890.	4.1	146
4	Prioritizing phylogenetic diversity captures functional diversity unreliably. Nature Communications, 2018, 9, 2888.	12.8	144
5	Unifying measures of biodiversity: understanding when richness and phylogenetic diversity should be congruent. Diversity and Distributions, 2013, 19, 845-854.	4.1	138
6	On the relationship between phylogenetic diversity and trait diversity. Ecology, 2018, 99, 1473-1479.	3.2	136
7	Differentiating between niche and neutral assembly in metacommunities using null models of β‐diversity. Oikos, 2016, 125, 778-789.	2.7	123
8	Environmental variability counteracts priority effects to facilitate species coexistence: evidence from nectar microbes. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132637.	2.6	120
9	funrar: An R package to characterize functional rarity. Diversity and Distributions, 2017, 23, 1365-1371.	4.1	90
10	Difficult decisions: Strategies for conservation prioritization when taxonomic, phylogenetic and functional diversity are not spatially congruent. Biological Conservation, 2018, 225, 128-133.	4.1	82
11	Assessing the utility of conserving evolutionary history. Biological Reviews, 2019, 94, 1740-1760.	10.4	65
12	Global distribution and conservation status of ecologically rare mammal and bird species. Nature Communications, 2020, 11, 5071.	12.8	61
13	Incorporating Geographical and Evolutionary Rarity into Conservation Prioritization. Conservation Biology, 2012, 26, 593-601.	4.7	60
14	*ecolottery*: Simulating and assessing community assembly with environmental filtering and neutral dynamics in R. Methods in Ecology and Evolution, 2018, 9, 693-703.	5.2	35
15	Functional rarity of coral reef fishes at the global scale: Hotspots and challenges for conservation. Biological Conservation, 2018, 226, 288-299.	4.1	35
16	Ontogenetic changes in tolerance to herbivory in Arabidopsis. Oecologia, 2010, 164, 1005-1015.	2.0	31
17	EVOLUTION OF THE STORAGE EFFECT. Evolution; International Journal of Organic Evolution, 2013, 67, 315-327.	2.3	27
18	Contribution of disturbance to distribution and abundance in a fire‐adapted system. Ecography, 2012, 35, 348-355.	4.5	17

#	Article	IF	Citations
19	Fire variability, as well as frequency, can explain coexistence between seeder and resprouter life histories. Journal of Applied Ecology, 2013, 50, 594-602.	4.0	13
20	Reply to: â€œGlobal conservation of phylogenetic diversity captures more than just functional diversityâ€. Nature Communications, 2019, 10, 858.	12.8	13
21	Complex traitâ€'environment relationships underlie the structure of forest plant communities. Journal of Ecology, 2021, 109, 3794-3806.	4.0	11
22	How to Quantify Endemism. Plant and Vegetation, 2014, , 11-48.	0.6	6
23	The Increasing Importance of Endemism: Responsibility, the Media and Education. Plant and Vegetation, 2014, , 3-9.	0.6	5
24	Embracing the Nonindependence of the Environmental Filter: A Reply to Responses. Trends in Ecology and Evolution, 2017, 32, 886-887.	8.7	5
25	Traitâ€"density relationships explain performance in cladoceran zooplankton. Ecology, 2021, 102, e03294.	3.2	5
26	Colonization Rates in a Metacommunity Altered by Competition. PLoS ONE, 2014, 9, e88344.	2.5	4
27	Useful plants have deep evolutionary roots. Nature Ecology and Evolution, 2021, 5, 558-559.	7.8	3
28	Prioritizing phylogenetic diversity to protect functional diversity of reef corals. Diversity and Distributions, 2022, 28, 1721-1734.	4.1	3