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	Prioritizing phylogenetic diversity to protect functional diversity of reef corals. Diversity and Distributions, 2022, 28, 1721-1734.	4.1	3
2	Useful plants have deep evolutionary roots. Nature Ecology and Evolution, 2021, 5, 558-559.	7.8	3
3	Traitâ€“density relationships explain performance in cladoceran zooplankton. Ecology, 2021, 102, e03294.	3.2	5
4	Complex traitâ€'environment relationships underlie the structure of forest plant communities. Journal of Ecology, 2021, 109, 3794-3806.	4.0	11
5	Global distribution and conservation status of ecologically rare mammal and bird species. Nature Communications, 2020, 11, 5071.	12.8	61
6	Assessing the utility of conserving evolutionary history. Biological Reviews, 2019, 94, 1740-1760.	10.4	65
7	Reply to: â€œGlobal conservation of phylogenetic diversity captures more than just functional diversityâ€• Nature Communications, 2019, 10, 858.	12.8	13
8	ecolottery: Simulating and assessing community assembly with environmental filtering and neutral dynamics in <scp>R</scp>. Methods in Ecology and Evolution, 2018, 9, 693-703.	5.2	35
9	Functional rarity of coral reef fishes at the global scale: Hotspots and challenges for conservation. Biological Conservation, 2018, 226, 288-299.	4.1	35
10	On the relationship between phylogenetic diversity and trait diversity. Ecology, 2018, 99, 1473-1479.	3.2	136
11	Prioritizing phylogenetic diversity captures functional diversity unreliably. Nature Communications, 2018, 9, 2888.	12.8	144
12	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
13	Should Environmental Filtering be Abandoned?. Trends in Ecology and Evolution, 2017, 32, 429-437.	8.7	509
14	Embracing the Nonindependence of the Environmental Filter: A Reply to Responses. Trends in Ecology and Evolution, 2017, 32, 886-887.	8.7	5
15	funrar: An R package to characterize functional rarity. Diversity and Distributions, 2017, 23, 1365-1371.	4.1	90
16	A guide to phylogenetic metrics for conservation, community ecology and macroecology. Biological Reviews, 2017, 92, 698-715.	10.4	570
17	Differentiating between niche and neutral assembly in metacommunities using null models of Î²â€diversity. Oikos, 2016, 125, 778-789.	2.7	123
18	pez: phylogenetics for the environmental sciences. Bioinformatics, 2015, 31, 2888-2890.	4.1	146

#	Article	IF	Citations
19	Colonization Rates in a Metacommunity Altered by Competition. PLoS ONE, 2014, 9, e88344.	2.5	4
20	The Increasing Importance of Endemism: Responsibility, the Media and Education. Plant and Vegetation, 2014, , 3-9.	0.6	5
21	How to Quantify Endemism. Plant and Vegetation, 2014, , 11-48.	0.6	6
22	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
23	EVOLUTION OF THE STORAGE EFFECT. Evolution; International Journal of Organic Evolution, 2013, 67, 315-327.	2.3	27
24	Unifying measures of biodiversity: understanding when richness and phylogenetic diversity should be congruent. Diversity and Distributions, 2013, 19, 845-854.	4.1	138
25	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
26	Incorporating Geographical and Evolutionary Rarity into Conservation Prioritization. Conservation Biology, 2012, 26, 593-601.	4.7	60
27	Contribution of disturbance to distribution and abundance in a fireâ€adapted system. Ecography, 2012, 35, 348-355.	4.5	17
28	Ontogenetic changes in tolerance to herbivory in Arabidopsis. Oecologia, 2010, 164, 1005-1015.	2.0	31