Daniel Griffith

List of Publications by Year
in descending order

20 papers	1,229 citations	687363 13 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	2884 citing authors

#	Article	IF	Citations
1	cooccur: Probabilistic Species Co-Occurrence Analysis inR. Journal of Statistical Software, 2016, 69, .	3.7	356
2	Comment on â€œThe global tree restoration potentialâ€• Science, 2019, 366, .	12.6	185
3	NASA's surface biology and geology designated observable: A perspective on surface imaging algorithms. Remote Sensing of Environment, 2021, 257, 112349.	11.0	148
4	Phylogenetic classification of the worldâ€™s tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1837-1842.	7.1	144
5	Comment on â€œThe extent of forest in dryland biomesâ€• Science, 2017, 358, .	12.6	57
6	Imaging canopy temperature: shedding (thermal) light on ecosystem processes. New Phytologist, 2021, 230, 1746-1753.	7.3	47
7	Herbivory and eutrophication mediate grassland plant nutrient responses across a global climatic gradient. Ecology, 2018, 99, 822-831.	3.2	42
8	Soil nutrients and precipitation are major drivers of global patterns of grass leaf silicification. Ecology, 2020, 101, e03006.	3.2	36
9	Biogeographically distinct controls on <scp>C</scp>₃ and <scp>C</scp>₄ grass distributions: merging community and physiological ecology. Global Ecology and Biogeography, 2015, 24, 304-313.	5.8	33
10	Leaf thickness controls variation in leaf mass per area (LMA) among grazing-adapted grasses in Serengeti. Oecologia, 2016, 181, 1035-1040.	2.0	32
11	Representing plant diversity in land models: An evolutionary approach to make â€œFunctional Typesâ€• more functional. Global Change Biology, 2022, 28, 2541-2554.	9.5	28
12	Multiâ€•century stasis in C₃ and C₄ grass distributions across the contiguous United States since the industrial revolution. Journal of Biogeography, 2017, 44, 2564-2574.	3.0	21
13	Lineageâ€•based functional types: characterising functional diversity to enhance the representation of ecological behaviour in Land Surface Models. New Phytologist, 2020, 228, 15-23.	7.3	20
14	Assessing earth system model predictions of C₄ grass cover in North America: From the glacial era to the end of this century. Global Ecology and Biogeography, 2019, 28, 145-157.	5.8	16
15	Ungulate grazing drives higher ramet turnover in sodiumâ€•adapted Serengeti grasses. Journal of Vegetation Science, 2017, 28, 815-823.	2.2	12
16	Intraspecific Trait Variability in Andropogon gerardii, a Dominant Grass Species in the US Great Plains. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	8
17	The â€˜plantspecâ€™ <scp>r</scp> package: A tool for spectral analysis of plant stoichiometry. Methods in Ecology and Evolution, 2019, 10, 673-679.	5.2	8
18	Poor relationships between NEON Airborne Observation Platform data and fieldâ€•based vegetation traits at a mesic grassland. Ecology, 2022, 103, e03590.	3.2	8

#	Article	IF	Citations
19	Responses of African Grasses in the Genus Sporobolus to Defoliation and Sodium Stress: Tradeoffs, Cross-Tolerance, or Independent Responses?. Plants, 2013, 2, 712-725.	3.5	3
20	Editorial: Revisiting the Biome Concept With A Functional Lens. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	3