J Aaron Hogan

List of Publications by Year
in descending order

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39 papers	1,813 citations	516710 16 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	4130 citing authors

#	Article	IF	Citations
1	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
2	Open Science principles for accelerating trait-based science across the Tree of Life. Nature Ecology and Evolution, 2020, 4, 294-303.	7.8	144
3	Tropical Cyclone Ecology: A Scale-Link Perspective. Trends in Ecology and Evolution, 2020, 35, 594-604.	8.7	89
4	The Frequency of Cyclonic Wind Storms Shapes Tropical Forest Dynamism and Functional Trait Dispersion. Forests, 2018, 9, 404.	2.1	43
5	Mycorrhizal symbiosis pathway and edaphic fertility frame root economics space among tree species. New Phytologist, 2022, 234, 1639-1653.	7.3	38
6	A Research Framework to Integrate Cross-Ecosystem Responses to Tropical Cyclones. BioScience, 2020, 70, 477-489.	4.9	33
7	Snow damage to the canopy facilitates alien weed invasion in a subtropical montane primary forest in southwestern China. Forest Ecology and Management, 2017, 391, 275-281.	3.2	32
8	Seven-year responses of trees to experimental hurricane effects in a tropical rainforest, Puerto Rico. Forest Ecology and Management, 2014, 332, 64-74.	3.2	29
9	The interaction of landâ€use legacies and hurricane disturbance inÂsubtropical wet forest: twentyâ€one years of change. Ecosphere, 2016, 7, e01405.	2.2	28
10	A general pattern of trade-offs between ecosystem resistance and resilience to tropical cyclones. Science Advances, 2022, 8, eabl9155.	10.3	26
11	Biotic and abiotic drivers of the tree growth and mortality trade-off in an old-growth temperate forest. Forest Ecology and Management, 2017, 404, 354-360.	3.2	24
12	Disturbance frequency, intensity and forest structure modulate cycloneâ€induced changes in mangrove forest canopy cover. Global Ecology and Biogeography, 2022, 31, 37-50.	5.8	24
13	Canopy openness and topographic habitat drive tree seedling recruitment after snow damage in an old-growth subtropical forest. Forest Ecology and Management, 2018, 429, 493-502.	3.2	22
14	A reporting format for leaf-level gas exchange data and metadata. Ecological Informatics, 2021, 61, 101232.	5.2	22
15	Liana dynamics reflect land-use history and hurricane response in a Puerto Rican forest. Journal of Tropical Ecology, 2017, 33, 155-164.	1.1	21
16	Soil nitrogen concentration mediates the relationship between leguminous trees and neighbor diversity in tropical forests. Communications Biology, 2020, 3, 317.	4.4	20
17	Precipitation influences on the net primary productivity of a tropical seasonal rainforest in Southwest China: A 9-year case study. Forest Ecology and Management, 2020, 467, 118153.	3.2	18
18	Botanic gardens are an untapped resource for studying the functional ecology of tropical plants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20170390.	4.0	16

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19	Landâ€use history augments environmentâ€“plant community relationship strength in a Puerto Rican wet forest. Journal of Ecology, 2016, 104, 1466-1477.	4.0	15
20	Evidence of elemental homeostasis in fine root and leaf tissues of saplings across a fertility gradient in tropical montane forest in Hainan, China. Plant and Soil, 2021, 460, 625-646.	3.7	13
21	Effects of hurricanes and climate oscillations on annual variation in reproduction in wet forest, Puerto Rico. Ecology, 2018, 99, 1402-1410.	3.2	12
22	Assessing Typhoon-Induced Canopy Damage Using Vegetation Indices in the Fushan Experimental Forest, Taiwan. Remote Sensing, 2020, 12, 1654.	4.0	12
23	Understanding the recruitment response of juvenile Neotropical trees to logging intensity using functional traits. Ecological Applications, 2018, 28, 1998-2010.	3.8	11
24	Temporal population variability in local forest communities has mixed effects on tree species richness across a latitudinal gradient. Ecology Letters, 2020, 23, 160-171.	6.4	11
25	The changing nature of collaboration in tropical ecology and conservation. Biotropica, 2018, 50, 563-567.	1.6	10
26	Morphological variation of fine root systems and leaves in primary and secondary tropical forests of Hainan Island, China. Annals of Forest Science, 2020, 77, 1.	2.0	9
27	Drought and the interannual variability of stem growth in an aseasonal, everwet forest. Biotropica, 2019, 51, 139-154.	1.6	7
28	Evidence for traitâ€based community assembly patterns in hardwood hammock forests. Ecosphere, 2019, 10, e02956.	2.2	6
29	Dominant Tree Species Shape Soil Microbial Community via Regulating Assembly Processes in Planted Subtropical Forests. Forests, 2019, 10, 978.	2.1	6
30	Solar radiation and soil moisture drive tropical forest understory responses to experimental and natural hurricanes. Ecosphere, 2022, 13, .	2.2	6
31	The physiological acclimation and growth response of Populus trichocarpa to warming. Physiologia Plantarum, 2021, 173, 1008-1029.	5.2	5
32	Landscape Representation by a Permanent Forest Plot and Alternative Plot Designs in a Typhoon Hotspot, Fushan, Taiwan. Remote Sensing, 2020, 12, 660.	4.0	4
33	A culture of conservation: How an ancient forest plantation turned into an oldâ€growth forest reserve â€“ The story of the Wamulin forest. People and Nature, 2021, 3, 1014-1024.	3.7	4
34	Proposing the solarâ€wind energy flux hypothesis as a driver of interâ€annual variation in tropical tree reproductive effort. American Journal of Botany, 2019, 106, 1519-1525.	1.7	3
35	Water levels primarily drive variation in photosynthesis and nutrient use of scrub Red Mangroves in the southeastern Florida Everglades. Tree Physiology, 2022, 42, 797-814.	3.1	3
36	Cold Wave-Induced Reductions in NDII and ChlRE for North-Western Pacific Mangroves Varies with Latitude and Climate History. Remote Sensing, 2021, 13, 2732.	4.0	2

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37	Biodiversity stabilizes primary productivity through compensatory effects under warming conditions. Journal of Vegetation Science, 2022, 33, .	2.2	2
38	Understanding the Recruitment Response of Juvenile Neotropical Trees to Logging Intensity Using Functional Traits. Bulletin of the Ecological Society of America, 2018, 99, e01436.	0.2	1
39	Thismia jianfenglingensis (Thismiaceae), a new species of fairy lantern from Hainan Island, China . Phytotaxa, 2020, 429, 179-185.	0.3	1