

J Aaron Hogan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Disturbance frequency, intensity and forest structure modulate cyclone-induced changes in mangrove forest canopy cover. <i>Global Ecology and Biogeography</i> , 2022, 31, 37-50.	5.8	24
2	Water levels primarily drive variation in photosynthesis and nutrient use of scrub Red Mangroves in the southeastern Florida Everglades. <i>Tree Physiology</i> , 2022, 42, 797-814.	3.1	3
3	A general pattern of trade-offs between ecosystem resistance and resilience to tropical cyclones. <i>Science Advances</i> , 2022, 8, eabl9155.	10.3	26
4	Mycorrhizal symbiosis pathway and edaphic fertility frame root economics space among tree species. <i>New Phytologist</i> , 2022, 234, 1639-1653.	7.3	38
5	Biodiversity stabilizes primary productivity through compensatory effects under warming conditions. <i>Journal of Vegetation Science</i> , 2022, 33, .	2.2	2
6	Solar radiation and soil moisture drive tropical forest understory responses to experimental and natural hurricanes. <i>Ecosphere</i> , 2022, 13, .	2.2	6
7	Evidence of elemental homeostasis in fine root and leaf tissues of saplings across a fertility gradient in tropical montane forest in Hainan, China. <i>Plant and Soil</i> , 2021, 460, 625-646.	3.7	13
8	A reporting format for leaf-level gas exchange data and metadata. <i>Ecological Informatics</i> , 2021, 61, 101232.	5.2	22
9	A culture of conservation: How an ancient forest plantation turned into an old-growth forest reserve – The story of the Wamulin forest. <i>People and Nature</i> , 2021, 3, 1014-1024.	3.7	4
10	Cold Wave-Induced Reductions in NDII and ChlRE for North-Western Pacific Mangroves Varies with Latitude and Climate History. <i>Remote Sensing</i> , 2021, 13, 2732.	4.0	2
11	The physiological acclimation and growth response of <i>Populus trichocarpa</i> to warming. <i>Physiologia Plantarum</i> , 2021, 173, 1008-1029.	5.2	5
12	Temporal population variability in local forest communities has mixed effects on tree species richness across a latitudinal gradient. <i>Ecology Letters</i> , 2020, 23, 160-171.	6.4	11
13	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
14	Morphological variation of fine root systems and leaves in primary and secondary tropical forests of Hainan Island, China. <i>Annals of Forest Science</i> , 2020, 77, 1.	2.0	9
15	A Research Framework to Integrate Cross-Ecosystem Responses to Tropical Cyclones. <i>BioScience</i> , 2020, 70, 477-489.	4.9	33
16	Assessing Typhoon-Induced Canopy Damage Using Vegetation Indices in the Fushan Experimental Forest, Taiwan. <i>Remote Sensing</i> , 2020, 12, 1654.	4.0	12
17	Soil nitrogen concentration mediates the relationship between leguminous trees and neighbor diversity in tropical forests. <i>Communications Biology</i> , 2020, 3, 317.	4.4	20
18	Tropical Cyclone Ecology: A Scale-Link Perspective. <i>Trends in Ecology and Evolution</i> , 2020, 35, 594-604.	8.7	89

#	ARTICLE	IF	CITATIONS
19	Landscape Representation by a Permanent Forest Plot and Alternative Plot Designs in a Typhoon Hotspot, Fushan, Taiwan. <i>Remote Sensing</i> , 2020, 12, 660.	4.0	4
20	Open Science principles for accelerating trait-based science across the Tree of Life. <i>Nature Ecology and Evolution</i> , 2020, 4, 294-303.	7.8	144
21	Precipitation influences on the net primary productivity of a tropical seasonal rainforest in Southwest China: A 9-year case study. <i>Forest Ecology and Management</i> , 2020, 467, 118153.	3.2	18
22	<i>Thismia jianfenglingensis</i> (Thismiaceae), a new species of fairy lantern from Hainan Island, China. <i>Phytotaxa</i> , 2020, 429, 179-185.	0.3	1
23	Proposing the solar-wind energy flux hypothesis as a driver of interannual variation in tropical tree reproductive effort. <i>American Journal of Botany</i> , 2019, 106, 1519-1525.	1.7	3
24	Drought and the interannual variability of stem growth in an aseasonal, everwet forest. <i>Biotropica</i> , 2019, 51, 139-154.	1.6	7
25	Evidence for trait-based community assembly patterns in hardwood hammock forests. <i>Ecosphere</i> , 2019, 10, e02956.	2.2	6
26	Dominant Tree Species Shape Soil Microbial Community via Regulating Assembly Processes in Planted Subtropical Forests. <i>Forests</i> , 2019, 10, 978.	2.1	6
27	Botanic gardens are an untapped resource for studying the functional ecology of tropical plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170390.	4.0	16
28	Effects of hurricanes and climate oscillations on annual variation in reproduction in wet forest, Puerto Rico. <i>Ecology</i> , 2018, 99, 1402-1410.	3.2	12
29	Understanding the Recruitment Response of Juvenile Neotropical Trees to Logging Intensity Using Functional Traits. <i>Bulletin of the Ecological Society of America</i> , 2018, 99, e01436.	0.2	1
30	The changing nature of collaboration in tropical ecology and conservation. <i>Biotropica</i> , 2018, 50, 563-567.	1.6	10
31	Canopy openness and topographic habitat drive tree seedling recruitment after snow damage in an old-growth subtropical forest. <i>Forest Ecology and Management</i> , 2018, 429, 493-502.	3.2	22
32	Understanding the recruitment response of juvenile Neotropical trees to logging intensity using functional traits. <i>Ecological Applications</i> , 2018, 28, 1998-2010.	3.8	11
33	The Frequency of Cyclonic Wind Storms Shapes Tropical Forest Dynamism and Functional Trait Dispersion. <i>Forests</i> , 2018, 9, 404.	2.1	43
34	Snow damage to the canopy facilitates alien weed invasion in a subtropical montane primary forest in southwestern China. <i>Forest Ecology and Management</i> , 2017, 391, 275-281.	3.2	32
35	Liana dynamics reflect land-use history and hurricane response in a Puerto Rican forest. <i>Journal of Tropical Ecology</i> , 2017, 33, 155-164.	1.1	21
36	Biotic and abiotic drivers of the tree growth and mortality trade-off in an old-growth temperate forest. <i>Forest Ecology and Management</i> , 2017, 404, 354-360.	3.2	24

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37	The interaction of land-use legacies and hurricane disturbance in subtropical wet forest: twenty-one years of change. <i>Ecosphere</i> , 2016, 7, e01405.	2.2	28
38	Land-use history augments environmental plant community relationship strength in a Puerto Rican wet forest. <i>Journal of Ecology</i> , 2016, 104, 1466-1477.	4.0	15
39	Seven-year responses of trees to experimental hurricane effects in a tropical rainforest, Puerto Rico. <i>Forest Ecology and Management</i> , 2014, 332, 64-74.	3.2	29