

# Jonathan A Myers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3381447/publications.pdf>

Version: 2024-02-01

69  
papers

6,655  
citations

136885

32  
h-index

114418

63  
g-index

73  
all docs

73  
docs citations

73  
times ranked

9102  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>allodb</i> : An R package for biomass estimation at globally distributed extratropical forest plots. <i>Methods in Ecology and Evolution</i> , 2022, 13, 330-338.	2.2	11
2	North American tree migration paced by climate in the West, lagging in the East. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	27
3	Wildfire severity alters drivers of interaction beta-diversity in plant-bee networks. <i>Ecography</i> , 2022, 2022, .	2.1	9
4	Global maps of soil temperature. <i>Global Change Biology</i> , 2022, 28, 3110-3144.	4.2	113
5	Globally, tree fecundity exceeds productivity gradients. <i>Ecology Letters</i> , 2022, 25, 1471-1482.	3.0	11
6	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. <i>Nature Communications</i> , 2022, 13, 2381.	5.8	21
7	Beta diversity as a driver of forest biomass across spatial scales. <i>Ecology</i> , 2022, 103, .	1.5	15
8	Biotic and abiotic drivers of plant-pollinator community assembly across wildfire gradients. <i>Journal of Ecology</i> , 2021, 109, 1000-1013.	1.9	8
9	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	1.9	122
10	Conspecific negative density dependence and why its study should not be abandoned. <i>Ecosphere</i> , 2021, 12, e03322.	1.0	16
11	Continent-wide tree fecundity driven by indirect climate effects. <i>Nature Communications</i> , 2021, 12, 1242.	5.8	46
12	Mature Andean forests as globally important carbon sinks and future carbon refuges. <i>Nature Communications</i> , 2021, 12, 2138.	5.8	26
13	Mechanisms of community assembly explaining beta-diversity patterns across biogeographic regions. <i>Journal of Vegetation Science</i> , 2021, 32, e13032.	1.1	5
14	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	13
15	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	5.8	28
16	Is there tree senescence? The fecundity evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	42
17	The evolutionary assembly of forest communities along environmental gradients: recent diversification or sorting of pre-adapted clades?. <i>New Phytologist</i> , 2021, 232, 2506-2519.	3.5	4
18	Accurate forest projections require long-term wood decay experiments because plant trait effects change through time. <i>Global Change Biology</i> , 2020, 26, 864-875.	4.2	34

#	ARTICLE	IF	CITATIONS
19	Untangling the importance of niche breadth and niche position as drivers of tree species abundance and occupancy across biogeographic regions. <i>Global Ecology and Biogeography</i> , 2020, 29, 1542-1553.	2.7	22
20	Local species diversity, $\beta$ -diversity and climate influence the regional stability of bird biomass across North America. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192520.	1.2	21
21	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. <i>PLoS ONE</i> , 2020, 15, e0234537.	1.1	0
22	Fire as a fundamental ecological process: Research advances and frontiers. <i>Journal of Ecology</i> , 2020, 108, 2047-2069.	1.9	281
23	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. , 2020, 15, e0234537.		0
24	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. , 2020, 15, e0234537.		0
25	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. , 2020, 15, e0234537.		0
26	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. , 2020, 15, e0234537.		0
27	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. , 2020, 15, e0234537.		0
28	Prairie plants harbor distinct and beneficial root-endophytic bacterial communities. , 2020, 15, e0234537.		0
29	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. <i>Ecology Letters</i> , 2019, 22, 245-255.	3.0	92
30	Wildfires Influence Abundance, Diversity, and Intraspecific and Interspecific Trait Variation of Native Bees and Flowering Plants Across Burned and Unburned Landscapes. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	35
31	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	1.9	29
32	Species Diversity Associated with Foundation Species in Temperate and Tropical Forests. <i>Forests</i> , 2019, 10, 128.	0.9	21
33	Landscape context mediates the relationship between plant functional traits and decomposition. <i>Plant and Soil</i> , 2019, 438, 377-391.	1.8	1
34	Snail herbivory affects seedling establishment in a temperate forest in the Ozarks. <i>Journal of Ecology</i> , 2019, 107, 1828-1838.	1.9	2
35	Integrating species traits into species pools. <i>Ecology</i> , 2018, 99, 1265-1276.	1.5	55
36	Ecological drivers of spatial community dissimilarity, species replacement and species nestedness across temperate forests. <i>Global Ecology and Biogeography</i> , 2018, 27, 581-592.	2.7	48

#	ARTICLE	IF	CITATIONS
37	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018, 360, .	6.0	6
38	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018, 360, .	6.0	9
39	Landscape Physiognomy Influences Abundance of the Lone Star Tick, <i>Amblyomma americanum</i> (Ixodida: Tj ETQq1 1 0.7843 14 rgBT / 0.9	0.9	14
40	Global importance of large-diameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.	2.7	330
41	Dispersal and neutral sampling mediate contingent effects of disturbance on plant beta-diversity: a meta-analysis. <i>Ecology Letters</i> , 2017, 20, 347-356.	3.0	72
42	Groundcover community assembly in high-diversity pine savannas: seed arrival and fire-generated environmental filtering. <i>Ecosphere</i> , 2017, 8, e01716.	1.0	15
43	Negative density dependence mediates biodiversity-productivity relationships across scales. <i>Nature Ecology and Evolution</i> , 2017, 1, 1107-1115.	3.4	25
44	Plant diversity increases with the strength of negative density dependence at the global scale. <i>Science</i> , 2017, 356, 1389-1392.	6.0	222
45	Tree-mycorrhizal associations detected remotely from canopy spectral properties. <i>Global Change Biology</i> , 2016, 22, 2596-2607.	4.2	45
46	When does intraspecific trait variation contribute to functional beta-diversity?. <i>Journal of Ecology</i> , 2016, 104, 487-496.	1.9	52
47	Using codispersion analysis to quantify and understand spatial patterns in species-environment relationships. <i>New Phytologist</i> , 2016, 211, 735-749.	3.5	15
48	The promise and pitfalls of $\beta$ -diversity in ecology and conservation. <i>Journal of Vegetation Science</i> , 2016, 27, 1081-1083.	1.1	27
49	Negative density dependence is stronger in resource-rich environments and diversifies communities when stronger for common but not rare species. <i>Ecology Letters</i> , 2016, 19, 657-667.	3.0	86
50	Direct estimates of downslope deadwood movement over 30 years in a temperate forest illustrate impacts of treefall on forest ecosystem dynamics. <i>Canadian Journal of Forest Research</i> , 2016, 46, 351-361.	0.8	7
51	The beta-diversity of species interactions: Untangling the drivers of geographic variation in plant-pollinator diversity and function across scales. <i>American Journal of Botany</i> , 2016, 103, 118-128.	0.8	43
52	Wildfire disturbance and productivity as drivers of plant species diversity across spatial scales. <i>Ecosphere</i> , 2015, 6, 1-14.	1.0	66
53	Disturbance alters beta-diversity but not the relative importance of community assembly mechanisms. <i>Journal of Ecology</i> , 2015, 103, 1291-1299.	1.9	124
54	Elevational Gradients in $\beta$ -Diversity Reflect Variation in the Strength of Local Community Assembly Mechanisms across Spatial Scales. <i>PLoS ONE</i> , 2015, 10, e0121458.	1.1	68

#	ARTICLE	IF	CITATIONS
55	Fuels and fires influence vegetation via above- and belowground pathways in a high-diversity plant community. <i>Journal of Ecology</i> , 2015, 103, 1009-1019.	1.9	35
56	<scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. <i>Global Change Biology</i> , 2015, 21, 528-549.	4.2	473
57	Ontogenetic trait variation influences tree community assembly across environmental gradients. <i>Ecosphere</i> , 2014, 5, 1-20.	1.0	64
58	Beta-diversity in temperate and tropical forests reflects dissimilar mechanisms of community assembly. <i>Ecology Letters</i> , 2013, 16, 151-157.	3.0	370
59	Stochastic and deterministic drivers of spatial and temporal turnover in breeding bird communities. <i>Global Ecology and Biogeography</i> , 2013, 22, 202-212.	2.7	121
60	Inferring local ecological processes amid species pool influences. <i>Trends in Ecology and Evolution</i> , 2012, 27, 600-607.	4.2	188
61	Small-Scale Variation in Fuel Loads Differentially Affects Two Co-Dominant Bunchgrasses in a Species-Rich Pine Savanna. <i>PLoS ONE</i> , 2012, 7, e29674.	1.1	18
62	Disentangling the importance of ecological niches from stochastic processes across scales. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2351-2363.	1.8	1,161
63	Disentangling the Drivers of $\beta^2$ Diversity Along Latitudinal and Elevational Gradients. <i>Science</i> , 2011, 333, 1755-1758.	6.0	617
64	Seed arrival and ecological filters interact to assemble high-diversity plant communities. <i>Ecology</i> , 2011, 92, 676-686.	1.5	110
65	Seed arrival, ecological filters, and plant species richness: a meta-analysis. <i>Ecology Letters</i> , 2009, 12, 1250-1260.	3.0	298
66	Local immigration, competition from dominant guilds, and the ecological assembly of high-diversity pine savannas. <i>Ecology</i> , 2009, 90, 2745-2754.	1.5	65
67	Carbohydrate storage enhances seedling shade and stress tolerance in a neotropical forest. <i>Journal of Ecology</i> , 2007, 95, 383-395.	1.9	290
68	Seed dispersal by white-tailed deer: implications for long-distance dispersal, invasion, and migration of plants in eastern North America. <i>Oecologia</i> , 2004, 139, 35-44.	0.9	253
69	DISPERSAL OF TRILLIUM SEEDS BY DEER: IMPLICATIONS FOR LONG-DISTANCE MIGRATION OF FOREST HERBS. <i>Ecology</i> , 2003, 84, 1067-1072.	1.5	206