

Amy E Zanne

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

14,003
citations

159585

30
h-index

144013

57
g-index

66
all docs

66
docs citations

66
times ranked

15969
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial wood trait variation overwhelms endophyte community effects for explaining decay trajectories. <i>Functional Ecology</i> , 2022, 36, 1243-1257.	3.6	2
2	Maternal effects shape the seed mycobiome in <i>Quercus petraea</i> . <i>New Phytologist</i> , 2021, 230, 1594-1608.	7.3	47
3	Effects of plant hydraulic traits on the flammability of live fine canopy fuels. <i>Functional Ecology</i> , 2021, 35, 835-846.	3.6	12
4	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.	7.3	4
5	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
6	Extraction and Purification of DNA from Wood at Various Stages of Decay for Metabarcoding of Wood-Associated Fungi. <i>Methods in Molecular Biology</i> , 2021, 2232, 113-122.	0.9	2
7	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.	9.5	34
8	Finding fungal ecological strategies: Is recycling an option?. <i>Fungal Ecology</i> , 2020, 46, 100902.	1.6	8
9	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
10	Fungal functional ecology: bringing a trait-based approach to plant-associated fungi. <i>Biological Reviews</i> , 2020, 95, 409-433.	10.4	171
11	Set ambitious goals for biodiversity and sustainability. <i>Science</i> , 2020, 370, 411-413.	12.6	225
12	Wood construction more strongly shapes deadwood microbial communities than spatial location over 5% years of decay. <i>Environmental Microbiology</i> , 2020, 22, 4702-4717.	3.8	14
13	A trait-based understanding of wood decomposition by fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11551-11558.	7.1	102
14	Comparison of decay rates between native and non-native wood species in invaded forests of the southeastern U.S.: a rapid assessment. <i>Biological Invasions</i> , 2020, 22, 2619-2632.	2.4	7
15	What we (don't) know about global plant diversity. <i>Ecography</i> , 2019, 42, 1819-1831.	4.5	79
16	Good neighbors aplenty: fungal endophytes rarely exhibit competitive exclusion patterns across a span of woody habitats. <i>Ecology</i> , 2019, 100, e02790.	3.2	18
17	Functional biogeography of angiosperms: life at the extremes. <i>New Phytologist</i> , 2018, 218, 1697-1709.	7.3	61
18	Relative roles of termites and saprotrophic microbes as drivers of wood decay: A wood block test. <i>Austral Ecology</i> , 2018, 43, 257-267.	1.5	26

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19	Dissecting the Effects of Diameter on Wood Decay Emphasizes the Importance of Cross-Stem Conductivity in <i>Fraxinus americana</i> . <i>Ecosystems</i> , 2018, 21, 85-97.	3.4	27
20	When a tree falls: Controls on wood decay predict standing dead tree fall and new risks in changing forests. <i>PLoS ONE</i> , 2018, 13, e0196712.	2.5	33
21	Oak genome reveals facets of long lifespan. <i>Nature Plants</i> , 2018, 4, 440-452.	9.3	303
22	Building a better foundation: improving root trait measurements to understand and model plant and ecosystem processes. <i>New Phytologist</i> , 2017, 215, 27-37.	7.3	159
23	Linking wood traits to vital rates in tropical rainforest trees: Insights from comparing sapling and adult wood. <i>American Journal of Botany</i> , 2017, 104, 1464-1473.	1.7	26
24	Weak tradeoff between xylem safety and xylem-specific hydraulic efficiency across the world's woody plant species. <i>New Phytologist</i> , 2016, 209, 123-136.	7.3	466
25	On research priorities to advance understanding of the safety-efficiency tradeoff in xylem. <i>New Phytologist</i> , 2016, 211, 1156-1158.	7.3	21
26	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.	1.7	7
27	The global spectrum of plant form and function. <i>Nature</i> , 2016, 529, 167-171.	27.8	2,022
28	Commercial Plant Production and Consumption Still Follow the Latitudinal Gradient in Species Diversity despite Economic Globalization. <i>PLoS ONE</i> , 2016, 11, e0163002.	2.5	6
29	A deteriorating state of affairs: How endogenous and exogenous factors determine plant decay rates. <i>Journal of Ecology</i> , 2015, 103, 1421-1431.	4.0	64
30	Whether in life or in death: fresh perspectives on how plants affect biogeochemical cycling. <i>Journal of Ecology</i> , 2015, 103, 1367-1371.	4.0	19
31	Selective logging: does the imprint remain on tree structure and composition after 45 years?. , 2015, 3, cov012.		26
32	Zanne et al. reply. <i>Nature</i> , 2015, 521, E6-E7.	27.8	3
33	Selective logging: Do rates of forest turnover in stems, species composition and functional traits decrease with time since disturbance? â€“ A 45year perspective. <i>Forest Ecology and Management</i> , 2015, 357, 10-21.	3.2	24
34	Functional distinctiveness of major plant lineages. <i>Journal of Ecology</i> , 2014, 102, 345-356.	4.0	108
35	Progressive, idiosyncratic changes in wood hardness during decay: Implications for dead wood inventory and cycling. <i>Forest Ecology and Management</i> , 2014, 323, 1-9.	3.2	16
36	How much of the world is woody?. <i>Journal of Ecology</i> , 2014, 102, 1266-1272.	4.0	88

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37	Radial variation in wood specific gravity of tropical tree species differing in growthâ€“mortality strategies. <i>American Journal of Botany</i> , 2014, 101, 803-811.	1.7	23
38	Sapwood capacitance is greater in evergreen sclerophyll species growing in high compared to lowâ€“rainfall environments. <i>Functional Ecology</i> , 2014, 28, 734-744.	3.6	34
39	Three keys to the radiation of angiosperms into freezing environments. <i>Nature</i> , 2014, 506, 89-92.	27.8	1,284
40	Global relationship of wood and leaf litter decomposability: the role of functional traits within and across plant organs. <i>Global Ecology and Biogeography</i> , 2014, 23, 1046-1057.	5.8	136
41	Specific leaf area: a predictive model using dried samples. <i>Australian Journal of Botany</i> , 2013, 61, 350.	0.6	10
42	Global convergence in the vulnerability of forests to drought. <i>Nature</i> , 2012, 491, 752-755.	27.8	1,944
43	Plant functional traits â€“ linkages among stem anatomy, plant performance and life history. <i>New Phytologist</i> , 2010, 185, 348-351.	7.3	36
44	Functional traits and the growthâ€“mortality tradeâ€“off in tropical trees. <i>Ecology</i> , 2010, 91, 3664-3674.	3.2	788
45	Angiosperm wood structure: Global patterns in vessel anatomy and their relation to wood density and potential conductivity. <i>American Journal of Botany</i> , 2010, 97, 207-215.	1.7	355
46	Plant traits and wood fates across the globe: rotted, burned, or consumed?. <i>Global Change Biology</i> , 2009, 15, 2431-2449.	9.5	318
47	Global patterns in plant height. <i>Journal of Ecology</i> , 2009, 97, 923-932.	4.0	611
48	Global metaâ€“analysis of wood decomposition rates: a role for trait variation among tree species?. <i>Ecology Letters</i> , 2009, 12, 45-56.	6.4	394
49	Towards a worldwide wood economics spectrum. <i>Ecology Letters</i> , 2009, 12, 351-366.	6.4	2,219
50	A 10-year evaluation of the functional basis for regeneration habitat preference of trees in an African evergreen forest. <i>Forest Ecology and Management</i> , 2008, 255, 3790-3796.	3.2	10
51	¹⁵ N partitioning in tomato: vascular constraints versus tissue demand. <i>Functional Plant Biology</i> , 2006, 33, 457.	2.1	15
52	Comparative sectoriality in temperate hardwoods: hydraulics and xylem anatomy. <i>Botanical Journal of the Linnean Society</i> , 2006, 150, 61-71.	1.6	62
53	Evolutionary and ecological correlates of early seedling morphology in East African trees and shrubs. <i>American Journal of Botany</i> , 2005, 92, 972-978.	1.7	45
54	A long-term evaluation of fruiting phenology: importance of climate change. <i>Journal of Tropical Ecology</i> , 2005, 21, 31-45.	1.1	250

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55	Fragmentation and Alteration of Seed Dispersal Processes: An Initial Evaluation of Dung Beetles, Seed Fate, and Seedling Diversity ¹ . <i>Biotropica</i> , 2003, 35, 382.	1.6	14
56	Does Weeding Promote Regeneration of an Indigenous Tree Community in Felled Pine Plantations in Uganda?. <i>Restoration Ecology</i> , 2002, 10, 408-415.	2.9	25
57	Protecting terrestrial mammal communities: potential role of pine plantations. <i>African Journal of Ecology</i> , 2001, 39, 399-401.	0.9	4
58	Potential causes of arrested succession in Kibale National Park, Uganda: growth and mortality of seedlings. <i>African Journal of Ecology</i> , 1999, 37, 81-92.	0.9	71