

# Sheng-Hsin Su

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,189  
citations

567144

15  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3627  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of biomass dynamics in relation to tree size in forests across the world. <i>New Phytologist</i> , 2022, 234, 1664-1677.	3.5	24
2	Species packing and the latitudinal gradient in beta-diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203045.	1.2	8
3	Interactions between all pairs of neighboring trees in 16 forests worldwide reveal details of unique ecological processes in each forest, and provide windows into their evolutionary histories. <i>PLoS Computational Biology</i> , 2021, 17, e1008853.	1.5	1
4	Consequences of spatial patterns for coexistence in species-rich plant communities. <i>Nature Ecology and Evolution</i> , 2021, 5, 965-973.	3.4	24
5	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.	3.0	11
6	Multi-stemming and size enhance survival of dominant tree species in a frequently typhoon-disturbed forest. <i>Journal of Vegetation Science</i> , 2020, 31, 429-439.	1.1	12
7	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	1.9	29
8	Environment- and trait-mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 1155-1167.	2.7	2
9	A simulation study on the effects of plot size and shape on sampling plant species composition for biodiversity management. <i>Journal of Sustainable Forestry</i> , 2019, 38, 116-129.	0.6	5
10	Sampling with probability proportional to prediction: rethinking rapid plant diversity assessment. <i>Forestry</i> , 2018, 91, 17-26.	1.2	5
11	The Frequency of Cyclonic Wind Storms Shapes Tropical Forest Dynamism and Functional Trait Dispersion. <i>Forests</i> , 2018, 9, 404.	0.9	43
12	Global importance of large-diameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.	2.7	330
13	Functional composition drives ecosystem function through multiple mechanisms in a broadleaved subtropical forest. <i>Oecologia</i> , 2016, 182, 829-840.	0.9	89
14	Stochastic dilution effects weaken deterministic effects of niche-based processes in species rich forests. <i>Ecology</i> , 2016, 97, 347-360.	1.5	42
15	Individual Species-Area Relationship of Woody Plant Communities in a Heterogeneous Subtropical Monsoon Rainforest. <i>PLoS ONE</i> , 2015, 10, e0124539.	1.1	11
16	Temporal variability of forest communities: empirical estimates of population change in 4000 tree species. <i>Ecology Letters</i> , 2014, 17, 855-865.	3.0	115
17	Linking functional traits and demographic rates in a subtropical tree community: the importance of size dependency. <i>Journal of Ecology</i> , 2014, 102, 641-650.	1.9	95
18	Rate of tree carbon accumulation increases continuously with tree size. <i>Nature</i> , 2014, 507, 90-93.	13.7	663

#	ARTICLE	IF	CITATIONS
19	Scale-dependent relationships between tree species richness and ecosystem function in forests. <i>Journal of Ecology</i> , 2013, 101, 1214-1224.	1.9	265
20	Trait-mediated effects of environmental filtering on tree community dynamics. <i>Journal of Ecology</i> , 2013, 101, 722-733.	1.9	55
21	Multispecies coexistence of trees in tropical forests: spatial signals of topographic niche differentiation increase with environmental heterogeneity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130502.	1.2	78
22	The Contribution of Rare Species to Community Phylogenetic Diversity across a Global Network of Forest Plots. <i>American Naturalist</i> , 2012, 180, E17-E30.	1.0	67
23	The variation of tree beta diversity across a global network of forest plots. <i>Global Ecology and Biogeography</i> , 2012, 21, 1191-1202.	2.7	135
24	Topographic and biotic regulation of aboveground carbon storage in subtropical broad-leaved forests of Taiwan. <i>Forest Ecology and Management</i> , 2011, 262, 1817-1825.	1.4	80