

Luxiang Lin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8486780/publications.pdf>

Version: 2024-02-01

38
papers

935
citations

567281

15
h-index

477307

29
g-index

39
all docs

39
docs citations

39
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and phylogenetic assembly in a Chinese tropical tree community across size classes, spatial scales and habitats. <i>Functional Ecology</i> , 2014, 28, 520-529.	3.6	121
2	Commonness, rarity, and intraspecific variation in traits and performance in tropical tree seedlings. <i>Ecology Letters</i> , 2015, 18, 1329-1337.	6.4	95
3	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. <i>Ecology Letters</i> , 2019, 22, 245-255.	6.4	92
4	Seasonal differentiation in density-dependent seedling survival in a tropical rain forest. <i>Journal of Ecology</i> , 2012, 100, 905-914.	4.0	76
5	A core-transient framework for trait-based community ecology: an example from a tropical tree seedling community. <i>Ecology Letters</i> , 2017, 20, 619-628.	6.4	46
6	Underestimated ecosystem carbon turnover time and sequestration under the steady state assumption: A perspective from long-term data assimilation. <i>Global Change Biology</i> , 2019, 25, 938-953.	9.5	42
7	Local-scale Partitioning of Functional and Phylogenetic Beta Diversity in a Tropical Tree Assemblage. <i>Scientific Reports</i> , 2015, 5, 12731.	3.3	38
8	Alternative designs and tropical tree seedling growth performance landscapes. <i>Ecology</i> , 2020, 101, e03007.	3.2	35
9	The role of functional uniqueness and spatial aggregation in explaining rarity in trees. <i>Global Ecology and Biogeography</i> , 2017, 26, 777-786.	5.8	33
10	How does habitat filtering affect the detection of conspecific and phylogenetic density dependence?. <i>Ecology</i> , 2016, 97, 1182-1193.	3.2	31
11	Individual-level trait variation and negative density dependence affect growth in tropical tree seedlings. <i>Journal of Ecology</i> , 2018, 106, 2446-2455.	4.0	31
12	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	4.0	29
13	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	12.8	28
14	Neighbourhood defence gene similarity effects on tree performance: a community transcriptomic approach. <i>Journal of Ecology</i> , 2017, 105, 616-626.	4.0	27
15	Consequences of spatial patterns for coexistence in species-rich plant communities. <i>Nature Ecology and Evolution</i> , 2021, 5, 965-973.	7.8	24
16	A taxonomic, functional, and phylogenetic perspective on the community assembly of passerine birds along an elevational gradient in southwest China. <i>Ecology and Evolution</i> , 2018, 8, 2712-2720.	1.9	22
17	Trade-offs in above- and below-ground biomass allocation influencing seedling growth in a tropical forest. <i>Journal of Ecology</i> , 2021, 109, 1184-1193.	4.0	18
18	Intra-specific relatedness, spatial clustering and reduced demographic performance in tropical rainforest trees. <i>Ecology Letters</i> , 2018, 21, 1174-1181.	6.4	15

#	ARTICLE	IF	CITATIONS
19	Reference carbon cycle dataset for typical Chinese forests via colocated observations and data assimilation. <i>Scientific Data</i> , 2021, 8, 42.	5.3	15
20	A Phylogenetic Perspective on the Individual Species-Area Relationship in Temperate and Tropical Tree Communities. <i>PLoS ONE</i> , 2013, 8, e63192.	2.5	13
21	On the origin and genetic variability of the two invasive biotypes of <i>Chromolaena odorata</i> . <i>Biological Invasions</i> , 2018, 20, 2033-2046.	2.4	12
22	Quantifying the role of intra-specific trait variation for allocation and organ-level traits in tropical seedling communities. <i>Journal of Vegetation Science</i> , 2018, 29, 276-284.	2.2	11
23	Traits mediate a trade-off in seedling growth response to light and conspecific density in a diverse subtropical forest. <i>Journal of Ecology</i> , 2021, 109, 703-713.	4.0	10
24	Latitudinal gradient for mercury accumulation and isotopic evidence for post-depositional processes among three tropical forests in Southwest China. <i>Journal of Hazardous Materials</i> , 2022, 429, 128295.	12.4	10
25	Accumulated Impacts of Sulfur Spraying on Soil Nutrient Availability and Microbial Biomass in Rubber Plantations. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1001-1010.	1.1	9
26	Lack of phylogenetic signals within environmental niches of tropical tree species across life stages. <i>Scientific Reports</i> , 2017, 7, 42007.	3.3	9
27	Rare tree species have narrow environmental but not functional niches. <i>Functional Ecology</i> , 2021, 35, 511-520.	3.6	8
28	Relating leaf traits to seedling performance in a tropical forest: building a hierarchical functional framework. <i>Ecology</i> , 2021, 102, e03385.	3.2	7
29	Contrasting effects of space and environment on functional and phylogenetic dissimilarity in a tropical forest. <i>Journal of Plant Ecology</i> , 2019, 12, 314-326.	2.3	6
30	Body size determines multitrophic soil microbiota community assembly associated with soil and plant attributes in a tropical seasonal rainforest. <i>Molecular Ecology</i> , 2023, 32, 6294-6303.	3.9	6
31	Climate Sensitivities of Carbon Turnover Times in Soil and Vegetation: Understanding Their Effects on Forest Carbon Sequestration. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	3
32	Environment- and trait-mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 1155-1167.	5.8	2
33	Testing mechanisms of compensatory fitness of dioecy in a cosexual world. <i>Journal of Vegetation Science</i> , 2019, 30, 413-426.	2.2	2
34	Relative importance of deterministic and stochastic processes for beta diversity of bird assemblages in Yunnan, China. <i>Ecosphere</i> , 2021, 12, e03545.	2.2	2
35	Effects of fire disturbance on species and functional compositions vary with tree sizes in a tropical dry forest. <i>PeerJ</i> , 2022, 10, e13270.	2.0	2
36	Functional trait space of forest passerine bird assemblages along a latitudinal gradient in China. <i>Trees, Forests and People</i> , 2021, 5, 100096.	1.9	1

#	ARTICLE	IF	CITATIONS
37	How does habitat filtering affect the detection of conspecific and phylogenetic density dependence?. Ecology, 2016, , .	3.2	1
38	The Shift from Energy to Water Limitation in Local Canopy Height from Temperate to Tropical Forests in China. Forests, 2022, 13, 639.	2.1	1