

Luxiang Lin

List of Publications by Year in descending order

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38
papers

935
citations

567281

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477307

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all docs

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docs citations

39
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	The Shift from Energy to Water Limitation in Local Canopy Height from Temperate to Tropical Forests in China. <i>Forests</i> , 2022, 13, 639.	2.1	1
5	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
6	Rare tree species have narrow environmental but not functional niches. <i>Functional Ecology</i> , 2021, 35, 511-520.	3.6	8
7	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
8	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
9	Reference carbon cycle dataset for typical Chinese forests via colocated observations and data assimilation. <i>Scientific Data</i> , 2021, 8, 42.	5.3	15
10	Consequences of spatial patterns for coexistence in species-rich plant communities. <i>Nature Ecology and Evolution</i> , 2021, 5, 965-973.	7.8	24
11	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
12	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
13	Relating leaf traits to seedling performance in a tropical forest: building a hierarchical functional framework. <i>Ecology</i> , 2021, 102, e03385.	3.2	7
14	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
15	Alternative designs and tropical tree seedling growth performance landscapes. <i>Ecology</i> , 2020, 101, e03007.	3.2	35
16	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
17	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
18	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	4.0	29

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19	Environmentâ€and traitâ€mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 1155-1167.	5.8	2
20	Testing mechanisms of compensatory fitness of dioecy in a cosexual world. <i>Journal of Vegetation Science</i> , 2019, 30, 413-426.	2.2	2
21	Underestimated ecosystem carbon turnover time and sequestration under the steady state assumption: A perspective from longâ€term data assimilation. <i>Global Change Biology</i> , 2019, 25, 938-953.	9.5	42
22	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
23	Quantifying the role of intraâ€specific trait variation for allocation and organâ€level traits in tropical seedling communities. <i>Journal of Vegetation Science</i> , 2018, 29, 276-284.	2.2	11
24	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
25	Individualâ€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
26	Intraâ€specific relatedness, spatial clustering and reduced demographic performance in tropical rainforest trees. <i>Ecology Letters</i> , 2018, 21, 1174-1181.	6.4	15
27	Lack of phylogenetic signals within environmental niches of tropical tree species across life stages. <i>Scientific Reports</i> , 2017, 7, 42007.	3.3	9
28	Neighbourhood defence gene similarity effects on tree performance: a community transcriptomic approach. <i>Journal of Ecology</i> , 2017, 105, 616-626.	4.0	27
29	A coreâ€transient framework for traitâ€based community ecology: an example from a tropical tree seedling community. <i>Ecology Letters</i> , 2017, 20, 619-628.	6.4	46
30	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
31	How does habitat filtering affect the detection of conspecific and phylogenetic density dependence?. <i>Ecology</i> , 2016, 97, 1182-1193.	3.2	31
32	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
33	How does habitat filtering affect the detection of conspecific and phylogenetic density dependence?. <i>Ecology</i> , 2016, , .	3.2	1
34	Commonness, rarity, and intraspecific variation in traits and performance in tropical tree seedlings. <i>Ecology Letters</i> , 2015, 18, 1329-1337.	6.4	95
35	Local-scale Partitioning of Functional and Phylogenetic Beta Diversity in a Tropical Tree Assemblage. <i>Scientific Reports</i> , 2015, 5, 12731.	3.3	38
36	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

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37	A Phylogenetic Perspective on the Individual Species-Area Relationship in Temperate and Tropical Tree Communities. PLoS ONE, 2013, 8, e63192.	2.5	13
38	Seasonal differentiation in density-dependent seedling survival in a tropical rain forest. Journal of Ecology, 2012, 100, 905-914.	4.0	76