

# Chunyu Zhang

## List of Publications by Year in descending order

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49  
papers

699  
citations

516561

16  
h-index

642610

23  
g-index

49  
all docs

49  
docs citations

49  
times ranked

747  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of biotic and abiotic drivers on the growth rates of individual trees in temperate natural forests. <i>Forest Ecology and Management</i> , 2022, 503, 119769.	1.4	6
2	Effects of neighborhood interaction on tree growth in a temperate forest following selection harvesting. <i>Ecological Indicators</i> , 2022, 136, 108663.	2.6	3
3	Cross-classes domain inference with network sampling for natural resource inventory. <i>Forest Ecosystems</i> , 2022, 9, 100029.	1.3	3
4	Evaluating alternative hypotheses behind biodiversity and multifunctionality relationships in the forests of Northeastern China. <i>Forest Ecosystems</i> , 2022, 9, 100027.	1.3	7
5	Spatial asynchrony matters more than alpha stability in stabilizing ecosystem productivity in a large temperate forest region. <i>Global Ecology and Biogeography</i> , 2022, 31, 1133-1146.	2.7	23
6	Drivers of tree demographic trade-offs in a temperate forest. <i>Forest Ecosystems</i> , 2022, 9, 100044.	1.3	4
7	Unravelling Trait-Environment Relationships at Local and Regional Scales in Temperate Forests. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	2
8	Estimating height-diameter relations for structure groups in the natural forests of Northeastern China. <i>Forest Ecology and Management</i> , 2022, 519, 120298.	1.4	5
9	Assessing scale-dependent effects on Forest biomass productivity based on machine learning. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	5
10	What Is a Forest ?. <i>Managing Forest Ecosystems</i> , 2021, , 1-22.	0.4	0
11	Analyzing Forest Ecosystems. <i>Managing Forest Ecosystems</i> , 2021, , 81-158.	0.4	2
12	Forest Assessment and Observation. <i>Managing Forest Ecosystems</i> , 2021, , 23-80.	0.4	0
13	A classification of woody communities based on biological dissimilarity. <i>Applied Vegetation Science</i> , 2021, 24, .	0.9	3
14	Understanding patterns and potential drivers of forest diversity in northeastern China using machine-learning algorithms. <i>Journal of Vegetation Science</i> , 2021, 32, e13022.	1.1	7
15	Comparing the relative effects of species and size structure on forest productivity in different local environments. <i>Scandinavian Journal of Forest Research</i> , 2021, 36, 188-197.	0.5	1
16	Dynamics and drivers of aboveground biomass accumulation during recovery from selective harvesting in an uneven-aged forest. <i>European Journal of Forest Research</i> , 2021, 140, 1163-1178.	1.1	9
17	Decomposing Spatial Diversity in the temperate forests of Northeastern China. <i>Ecology and Evolution</i> , 2021, 11, 11362-11372.	0.8	6
18	Unravelling biodiversity-productivity relationships across a large temperate forest region. <i>Functional Ecology</i> , 2021, 35, 2808-2820.	1.7	19

#	ARTICLE	IF	CITATIONS
19	Mycorrhizal type and soil pathogenic fungi mediate tree survival and density dependence in a temperate forest. <i>Forest Ecology and Management</i> , 2021, 496, 119459.	1.4	9
20	Abiotic niche partitioning and negative density dependence across multiple life stages in a temperate forest in northeastern China. <i>Journal of Ecology</i> , 2020, 108, 1299-1310.	1.9	23
21	New forest biomass carbon stock estimates in Northeast Asia based on multisource data. <i>Global Change Biology</i> , 2020, 26, 7045-7066.	4.2	20
22	Scale-dependent effects of neighborhood biodiversity on individual tree productivity in a coniferous and broad-leaved mixed forest in China. <i>Ecology and Evolution</i> , 2020, 10, 8225-8234.	0.8	10
23	Variations of density-dependent seedling survival in a temperate forest. <i>Forest Ecology and Management</i> , 2020, 468, 118158.	1.4	6
24	Functional traits influence biomass and productivity through multiple mechanisms in a temperate secondary forest. <i>European Journal of Forest Research</i> , 2020, 139, 959-968.	1.1	37
25	Latitudinal gradients and ecological drivers of $\beta$ -diversity vary across spatial scales in a temperate forest region. <i>Global Ecology and Biogeography</i> , 2020, 29, 1257-1264.	2.7	22
26	Assessing biotic and abiotic effects on forest productivity in three temperate forests. <i>Ecology and Evolution</i> , 2020, 10, 7887-7900.	0.8	12
27	Understanding and protecting forest biodiversity in relation to species and local contributions to beta diversity. <i>European Journal of Forest Research</i> , 2019, 138, 1005-1013.	1.1	12
28	Assessing biological dissimilarities between five forest communities. <i>Forest Ecosystems</i> , 2019, 6, .	1.3	20
29	Biodiversity-ecosystem functioning relationships of overstorey versus understorey trees in an old-growth temperate forest. <i>Annals of Forest Science</i> , 2019, 76, 1.	0.8	7
30	Discriminating among forest communities based on taxonomic, phylogenetic and trait distances. <i>Forest Ecology and Management</i> , 2019, 440, 40-47.	1.4	15
31	Variation in compositional and structural components of community assemblage and its determinants. <i>Journal of Vegetation Science</i> , 2019, 30, 257-268.	1.1	9
32	Parameterization of biodiversity-productivity relationship and its scale dependency using georeferenced tree-level data. <i>Journal of Ecology</i> , 2019, 107, 1106-1119.	1.9	34
33	Functional and phylogenetic diversity determine woody productivity in a temperate forest. <i>Ecology and Evolution</i> , 2018, 8, 2395-2406.	0.8	57
34	Biomass-dominant species shape the productivity-diversity relationship in two temperate forests. <i>Annals of Forest Science</i> , 2018, 75, 1.	0.8	19
35	Allometric biomass equations for 12 tree species in coniferous and broadleaved mixed forests, Northeastern China. <i>PLoS ONE</i> , 2018, 13, e0186226.	1.1	41
36	Determinants of mortality in a mixed broad-leaved Korean pine forest in northeastern China. <i>European Journal of Forest Research</i> , 2017, 136, 457-469.	1.1	6

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37	Structural drivers of biomass dynamics in two temperate forests in China. <i>Ecosphere</i> , 2017, 8, e01752.	1.0	6
38	How beta diversity and the underlying causes vary with sampling scales in the Changbai mountain forests. <i>Ecology and Evolution</i> , 2017, 7, 10116-10123.	0.8	15
39	Effects of density dependence in a temperate forest in northeastern China. <i>Scientific Reports</i> , 2016, 6, 32844.	1.6	24
40	Relationships between tree biomass productivity and local species diversity. <i>Ecosphere</i> , 2016, 7, e01562.	1.0	14
41	Drivers of seedling survival in a temperate forest and their relative importance at three stages of succession. <i>Ecology and Evolution</i> , 2015, 5, 4287-4299.	0.8	36
42	Analysing structural diversity in two temperate forests in northeastern China. <i>Forest Ecology and Management</i> , 2014, 316, 139-147.	1.4	27
43	Analyzing selective harvest events in three large forest observational studies in North Eastern China. <i>Forest Ecology and Management</i> , 2014, 316, 100-109.	1.4	24
44	Forest observational studies-an essential infrastructure for sustainable use of natural resources. <i>Forest Ecosystems</i> , 2014, 1, .	1.3	22
45	Influence of ground flora on <i>Fraxinus mandshurica</i> seedling growth on abandoned land and beneath forest canopy. <i>European Journal of Forest Research</i> , 2013, 132, 313-324.	1.1	8
46	Sexual dimorphism in reproductive and vegetative allometry for two dioecious <i>Rhamnus</i> plants in north-eastern China. <i>European Journal of Forest Research</i> , 2012, 131, 1287-1296.	1.1	9
47	Species-habitat associations in a northern temperate forest in China. <i>Silva Fennica</i> , 2012, 46, .	0.5	22
48	Gender-related distributions of <i>Fraxinus mandshurica</i> in secondary and old-growth forests. <i>Acta Oecologica</i> , 2010, 36, 55-62.	0.5	27
49	Functional traits explain growthâ€“mortality trade-offs in a mixed broadleaf-conifer forest in northeastern China. <i>European Journal of Forest Research</i> , 0, , 1.	1.1	1