

# Yuxin Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7496109/publications.pdf>

Version: 2024-02-01

23  
papers

941  
citations

687363

13  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of species richness on productivity in a large-scale subtropical forest experiment. <i>Science</i> , 2018, 362, 80-83.	12.6	433
2	Positive effects of neighborhood complementarity on tree growth in a Neotropical forest. <i>Ecology</i> , 2016, 97, 776-785.	3.2	73
3	Global evidence of positive biodiversity effects on spatial ecosystem stability in natural grasslands. <i>Nature Communications</i> , 2019, 10, 3207.	12.8	59
4	New MicroRNAs in <i>Drosophila</i> —Birth, Death and Cycles of Adaptive Evolution. <i>PLoS Genetics</i> , 2014, 10, e1004096.	3.5	53
5	Redundant and incoherent regulations of multiple phenotypes suggest microRNAs' role in stability control. <i>Genome Research</i> , 2017, 27, 1665-1673.	5.5	40
6	Environmental drivers of plant distributions at global and regional scales. <i>Global Ecology and Biogeography</i> , 2021, 30, 697-709.	5.8	36
7	Free-living human cells reconfigure their chromosomes in the evolution back to uni-cellularity. <i>ELife</i> , 2017, 6, .	6.0	31
8	Is the evolution in tumors Darwinian or non-Darwinian?. <i>National Science Review</i> , 2018, 5, 15-17.	9.5	24
9	High-resolution Patterned Functionalization of Slippery "Liquid-Like" Brush Surfaces via Microdroplet-Confined Growth of Multifunctional Polydopamine Arrays. <i>Advanced Functional Materials</i> , 2021, 31, 2100447.	14.9	22
10	Coordination of leaf, stem and root traits in determining seedling mortality in a subtropical forest. <i>Forest Ecology and Management</i> , 2019, 446, 285-292.	3.2	20
11	Directed species loss reduces community productivity in a subtropical forest biodiversity experiment. <i>Nature Ecology and Evolution</i> , 2020, 4, 550-559.	7.8	19
12	Drought-exposure history increases complementarity between plant species in response to a subsequent drought. <i>Nature Communications</i> , 2022, 13, .	12.8	19
13	Intraspecific variation in tree growth responses to neighbourhood composition and seasonal drought in a tropical forest. <i>Journal of Ecology</i> , 2021, 109, 26-37.	4.0	18
14	A New Formulation of Random Genetic Drift and Its Application to the Evolution of Cell Populations. <i>Molecular Biology and Evolution</i> , 2017, 34, 2057-2064.	8.9	17
15	Effects of neighborhood trait composition on tree survival differ between drought and postdrought periods. <i>Ecology</i> , 2019, 100, e02766.	3.2	15
16	Plants with lengthened phenophases increase their dominance under warming in an alpine plant community. <i>Science of the Total Environment</i> , 2020, 728, 138891.	8.0	13
17	Linking soil nutrients and traits to seedling growth: A test of the plant economics spectrum. <i>Forest Ecology and Management</i> , 2022, 505, 119941.	3.2	12
18	Community-wide trait means and variations affect biomass in a biodiversity experiment with tree seedlings. <i>Oikos</i> , 2020, 129, 799-810.	2.7	11

#	ARTICLE	IF	CITATIONS
19	Functionally dissimilar neighbours increase tree water use efficiency through enhancement of leaf phosphorus concentration. <i>Journal of Ecology</i> , 2022, 110, 2179-2189.	4.0	9
20	Abundance-dependent effects of neighbourhood dissimilarity and growth rank reversal in a neotropical forest. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172878.	2.6	5
21	Plant trait differences and soil moisture jointly affect insect herbivory on seedling young leaves in a subtropical forest. <i>Forest Ecology and Management</i> , 2021, 482, 118878.	3.2	5
22	Response to Comment on "Impacts of species richness on productivity in a large-scale subtropical forest experiment". <i>Science</i> , 2019, 363, .	12.6	3
23	Soil nitrogen availability intensifies negative density-dependent effects in a subtropical forest. <i>Journal of Plant Ecology</i> , 2020, 13, 281-287.	2.3	2