

# Ke-Ping

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

926  
citations

16  
h-index

29  
g-index

56  
ext. papers

1,634  
ext. citations

7.7  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
49	Species richness stabilizes productivity via asynchrony and drought-tolerance diversity in a large-scale tree biodiversity experiment.. <i>Science Advances</i> , <b>2021</b> , 7, eabk1643	14.3	8
48	Functional diversity effects on productivity increase with age in a forest biodiversity experiment. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 1594-1603	12.3	15
47	Undersampling Correction Methods to Control $\beta$ Dependence for Comparing $\beta$ Diversity Between Regions. <i>Bulletin of the Ecological Society of America</i> , <b>2021</b> , 102, e01922	0.7	
46	A metric for spatially explicit contributions to science-based species targets. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 836-844	12.3	13
45	Consequences of spatial patterns for coexistence in species-rich plant communities. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 965-973	12.3	5
44	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , <b>2021</b> , 12, 3137	17.4	3
43	Phylogenetic conservatism of fruit development time in Chinese angiosperms and the phylogenetic and climatic correlates. <i>Global Ecology and Conservation</i> , <b>2021</b> , 27, e01543	2.8	1
42	Sampling biases shape our view of the natural world. <i>Ecography</i> , <b>2021</b> , 44, 1259-1269	6.5	32
41	Undersampling correction methods to control $\beta$ dependence for comparing $\beta$ diversity between regions. <i>Ecology</i> , <b>2021</b> , 102, e03448	4.6	1
40	Low-elevation endemic Rhododendrons in China are highly vulnerable to climate and land use change. <i>Ecological Indicators</i> , <b>2021</b> , 126, 107699	5.8	2
39	Tree phylogenetic diversity structures multitrophic communities. <i>Functional Ecology</i> , <b>2021</b> , 35, 521-534	5.6	10
38	Rare tree species have narrow environmental but not functional niches. <i>Functional Ecology</i> , <b>2021</b> , 35, 511-520	5.6	3
37	The global significance of biodiversity science in China: an overview. <i>National Science Review</i> , <b>2021</b> , 8, nwab032	10.8	18
36	The Asia-Pacific Biodiversity Observation Network: 10-year achievements and new strategies to 2030. <i>Ecological Research</i> , <b>2021</b> , 36, 232-257	1.9	3
35	Regional scalable priorities for national biodiversity and carbon conservation planning in Asia. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
34	Host functional and phylogenetic composition rather than host diversity structure plant-herbivore networks. <i>Molecular Ecology</i> , <b>2020</b> , 29, 2747-2762	5.7	7
33	Home-field advantage of litter decomposition differs between leaves and fine roots. <i>New Phytologist</i> , <b>2020</b> , 227, 995-1000	9.8	14

32	Genetic richness affects trait variation but not community productivity in a tree diversity experiment. <i>New Phytologist</i> , <b>2020</b> , 227, 744-756	9.8	6
31	Multi-stemming strategies of <i>Quercus glauca</i> in an evergreen broad-leaved forest: when and where. <i>Journal of Plant Ecology</i> , <b>2020</b> , 13, 738-743	1.7	1
30	Macro-scale variation and environmental predictors of flowering and fruiting phenology in the Chinese angiosperm flora. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 2303-2314	4.1	4
29	Cost-effective priorities for the expansion of global terrestrial protected areas: Setting post-2020 global and national targets. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	31
28	Effectiveness of management zoning designed for flagship species in protecting sympatric species. <i>Conservation Biology</i> , <b>2020</b> , 34, 158-167	6	19
27	Growth-trait relationships in subtropical forest are stronger at higher diversity. <i>Journal of Ecology</i> , <b>2020</b> , 108, 256-266	6	10
26	Differential soil fungus accumulation and density dependence of trees in a subtropical forest. <i>Science</i> , <b>2019</b> , 366, 124-128	33.3	71
25	Soil fauna promote litter decomposition but do not alter the relationship between leaf economics spectrum and litter decomposability. <i>Soil Biology and Biochemistry</i> , <b>2019</b> , 136, 107519	7.5	16
24	Early positive effects of tree species richness on soil organic carbon accumulation in a large-scale forest biodiversity experiment. <i>Journal of Plant Ecology</i> , <b>2019</b> , 12, 882-893	1.7	13
23	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , <b>2019</b> , 107, 2598-2610	6	15
22	Environment- and trait-mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , <b>2019</b> , 28, 1155	6.1	
21	Climate and litter C/N ratio constrain soil organic carbon accumulation. <i>National Science Review</i> , <b>2019</b> , 6, 746-757	10.8	33
20	Moderate chilling requirement controls budburst for subtropical species in China. <i>Agricultural and Forest Meteorology</i> , <b>2019</b> , 278, 107693	5.8	21
19	Multiple components of plant diversity loss determine herbivore phylogenetic diversity in a subtropical forest experiment. <i>Journal of Ecology</i> , <b>2019</b> , 107, 2697-2712	6	16
18	Diverging shifts in spring phenology in response to biodiversity loss in a subtropical forest. <i>Journal of Vegetation Science</i> , <b>2019</b> , 30, 1175-1183	3.1	9
17	Response to Comment on "Impacts of species richness on productivity in a large-scale subtropical forest experiment". <i>Science</i> , <b>2019</b> , 363,	33.3	2
16	Human activities have opposing effects on distributions of narrow-ranged and widespread plant species in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> ,	11.5	36
15	Drivers of tree carbon storage in subtropical forests. <i>Science of the Total Environment</i> , <b>2019</b> , 654, 684-693	30.2	32

14	Examining residual spatial correlation in variation partitioning of beta diversity in a subtropical forest. <i>Journal of Plant Ecology</i> , <b>2019</b> , 12, 636-644	1.7	2
13	Climate and land use changes will degrade the distribution of Rhododendrons in China. <i>Science of the Total Environment</i> , <b>2019</b> , 659, 515-528	10.2	27
12	Evaluating the popularity of R in ecology. <i>Ecosphere</i> , <b>2019</b> , 10, e02567	3.1	39
11	Negative effects of litter richness on root decomposition in the presence of detritivores. <i>Functional Ecology</i> , <b>2018</b> , 32, 1079-1090	5.6	5
10	Plant geographical range size and climate stability in China: Growth form matters. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 506-517	6.1	17
9	Global importance of large-diameter trees. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 849-864	6.1	185
8	Tree species richness increases ecosystem carbon storage in subtropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	84
7	Environmental and evolutionary drivers of diversity patterns in the tea family (Theaceae s.s.) across China. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 11663-11676	2.8	6
6	Tree species richness and fungi in freshly fallen leaf litter: Unique patterns of fungal species composition and their implications for enzymatic decomposition. <i>Soil Biology and Biochemistry</i> , <b>2018</b> , 127, 120-126	7.5	18
5	Incomplete species lists derived from global and regional specimen-record databases affect macroecological analyses: A case study on the vascular plants of China. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 2718-2729	4.1	14
4	The role of transcriptomes linked with responses to light environment on seedling mortality in a subtropical forest, China. <i>Journal of Ecology</i> , <b>2017</b> , 105, 592-601	6	11
3	The role of functional uniqueness and spatial aggregation in explaining rarity in trees. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 777-786	6.1	24
2	From canopy complementarity to asymmetric competition: The negative relationship between structural diversity and productivity during succession. <i>Journal of Ecology</i> ,	6	2
1	Phylogenetic relatedness, functional traits, and spatial scale determine herbivore co-occurrence in a subtropical forest. <i>Ecological Monographs</i> , e01492	9	0