

# Chuan Yan

## List of Publications by Year in descending order

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41  
papers

793  
citations

516681

16  
h-index

552766

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human impact and climate cooling caused range contraction of large mammals in China over the past two millennia. <i>Ecography</i> , 2015, 38, 74-82.	4.5	80
2	The involvement of ROS overproduction and mitochondrial dysfunction in PBDE-47-induced apoptosis on Jurkat cells. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 413-417.	2.1	77
3	Historical records reveal the distinctive associations of human disturbance and extreme climate change with local extinction of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19001-19008.	7.1	49
4	Differential foraging preferences on seed size by rodents result in higher dispersal success of medium-sized seeds. <i>Ecology</i> , 2016, 97, 3070-3078.	3.2	47
5	Linking climate change to population cycles of hares and lynx. <i>Global Change Biology</i> , 2013, 19, 3263-3271.	9.5	44
6	Trade-off between seed defensive traits and impacts on interaction patterns between seeds and rodents in forest ecosystems. <i>Plant Ecology</i> , 2016, 217, 253-265.	1.6	44
7	Ecological non-monotonicity and its effects on complexity and stability of populations, communities and ecosystems. <i>Ecological Modelling</i> , 2015, 312, 374-384.	2.5	36
8	Seed trait-mediated selection by rodents affects mutualistic interactions and seedling recruitment of co-occurring tree species. <i>Oecologia</i> , 2016, 180, 475-484.	2.0	32
9	Interspecific synchrony of seed rain shapes rodent-mediated indirect seed-seed interactions of sympatric tree species in a subtropical forest. <i>Ecology Letters</i> , 2020, 23, 45-54.	6.4	32
10	Mutualism between antagonists: its ecological and evolutionary implications. <i>Integrative Zoology</i> , 2021, 16, 84-96.	2.6	30
11	Scale-dependent climatic drivers of human epidemics in ancient China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12970-12975.	7.1	28
12	Ecological succession drives the structural change of seed-rodent interaction networks in fragmented forests. <i>Forest Ecology and Management</i> , 2018, 419-420, 42-50.	3.2	28
13	Scatter-hoarding rodents are better pilferers than larder-hoarders. <i>Animal Behaviour</i> , 2018, 141, 151-159.	1.9	23
14	Risk of cache pilferage determines hoarding behavior of rodents and seed fate. <i>Behavioral Ecology</i> , 2018, 29, 984-991.	2.2	22
15	Agricultural irrigation mediates climatic effects and density dependence in population dynamics of Chinese striped hamster in northern China. <i>Journal of Animal Ecology</i> , 2013, 82, 334-344.	2.8	20
16	Species co-occurrence and phylogenetic structure of terrestrial vertebrates at regional scales. <i>Global Ecology and Biogeography</i> , 2016, 25, 455-463.	5.8	17
17	Quantifying the effects of climate and anthropogenic change on regional species loss in China. <i>PLoS ONE</i> , 2018, 13, e0199735.	2.5	17
18	Specific non-monotonous interactions increase persistence of ecological networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132797.	2.6	16

#	ARTICLE	IF	CITATIONS
19	Effects of masting on seedling establishment of a rodent-dispersed tree species in a warm-temperate region, northern China. <i>Integrative Zoology</i> , 2021, 16, 97-108.	2.6	15
20	Differential seed mass selection on hoarding decisions among three sympatric rodents. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	14
21	Rodent abundance triggered switch between the relative mutualism and predation in a rodent-seed system of the subtropical island forest. <i>Integrative Zoology</i> , 2021, 16, 109-119.	2.6	12
22	Intra- and interspecific interactions and environmental factors determine spatial-temporal species assemblages of rodents in arid grasslands. <i>Landscape Ecology</i> , 2015, 30, 1643-1655.	4.2	10
23	Importance of bird traits for seed dispersal patterns of co-fruited trees in a patchy forest. <i>Integrative Zoology</i> , 2019, 14, 470-478.	2.6	10
24	Organochlorine Pesticide Ban Facilitated Reproductive Recovery of Chinese Striped Hamsters. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6140-6149.	10.0	9
25	Evolutionary and ecological patterns of scatter- and larder-hoarding behaviours in rodents. <i>Ecology Letters</i> , 2022, 25, 1202-1214.	6.4	9
26	Re-caching behaviour of rodents improves seed dispersal effectiveness: Evidence from seedling establishment. <i>Forest Ecology and Management</i> , 2019, 444, 207-213.	3.2	8
27	Phylogenetic relatedness, functional traits, and spatial scale determine herbivore co-occurrence in a subtropical forest. <i>Ecological Monographs</i> , 2022, 92, e01492.	5.4	8
28	Mutual cheating strengthens a tropical seed dispersal mutualism. <i>Ecology</i> , 2022, 103, e03574.	3.2	8
29	Neighborhood effects on the tannin-related foraging decisions of two rodent species under semi-natural conditions. <i>Integrative Zoology</i> , 2020, 15, 569-577.	2.6	7
30	Selective predation on acorn weevils by seed-caching Siberian chipmunk <i>Tamias sibiricus</i> in a tripartite interaction. <i>Oecologia</i> , 2018, 188, 149-158.	2.0	6
31	Nestedness interacts with subnetwork structures and interconnection patterns to affect community dynamics in ecological multilayer networks. <i>Journal of Animal Ecology</i> , 2022, 91, 738-751.	2.8	6
32	Dome-shaped transition between positive and negative interactions maintains higher persistence and biomass in more complex ecological networks. <i>Ecological Modelling</i> , 2018, 370, 14-21.	2.5	5
33	Impacts of consumer-resource interaction transitions on persistence and long-term interaction outcomes of random ecological networks. <i>Oikos</i> , 2019, 128, 1147-1157.	2.7	4
34	Effects of Bird Traits on Seed Dispersal of Endangered <i>Taxus chinensis</i> (Pilger) Rehd. with Ex-Situ and In-Situ Conservation. <i>Forests</i> , 2019, 10, 790.	2.1	4
35	Climate change affected the spatio-temporal occurrence of disasters in China over the past five centuries. <i>Royal Society Open Science</i> , 2021, 8, 200731.	2.4	4
36	Are cognition and personality related in budgerigars?. <i>Environmental Epigenetics</i> , 2022, 68, 315-323.	1.8	3

#	ARTICLE	IF	CITATIONS
37	The relationship between local and regional extinction rates depends on species distribution patterns. <i>Ecography</i> , 2022, 2022, .	4.5	3
38	Combined effects of intra- and inter-specific non-monotonic functions on the stability of a two-species system. <i>Ecological Complexity</i> , 2018, 33, 49-56.	2.9	2
39	Undersampling correction methods to control $\hat{\beta}$ -dependence for comparing $\hat{\alpha}$ -diversity between regions. <i>Ecology</i> , 2021, 102, e03448.	3.2	2
40	Cloning capacity helps seeds of <i>Garcinia xanthochymus</i> counter animal predation. <i>Ecology and Evolution</i> , 2021, 11, 12639-12650.	1.9	1
41	Linking net interaction effects with network topologies in food webs. <i>Global Ecology and Biogeography</i> , 0, , .	5.8	1