

Zongqiang Xie

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,493
citations

393982

19
h-index

205818

48
g-index

56
all docs

56
docs citations

56
times ranked

2704
citing authors

#	ARTICLE	IF	CITATIONS
1	Depth-Dependent Controls Over Soil Organic Carbon Stock across Chinese Shrublands. <i>Ecosystems</i> , 2023, 26, 277-289.	1.6	3
2	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, .	1.3	3
3	Temporal shifts in the relative importance of climate and leaf litter traits in driving litter decomposition dynamics in a Chinese transitional mixed forest. <i>Plant and Soil</i> , 2022, 477, 679-692.	1.8	2
4	Humanâ€Climate Coupled Changes in Vegetation Community Complexity of China Since 1980s. <i>Earth's Future</i> , 2022, 10, .	2.4	4
5	C4 herbs dominate the reservoir flood area of the Three Gorges Reservoir. <i>Science of the Total Environment</i> , 2021, 755, 142479.	3.9	14
6	Environmental constraints on the inter-genus variation in the scaling relationship between leaf nitrogen and phosphorus concentrations. <i>Journal of Plant Ecology</i> , 2021, 14, 616-627.	1.2	4
7	Reference carbon cycle dataset for typical Chinese forests via colocated observations and data assimilation. <i>Scientific Data</i> , 2021, 8, 42.	2.4	15
8	Seed dispersers shape the pulp nutrients of fleshy-fruited plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210817.	1.2	12
9	Fleshy-fruited species increase with elevation for woody lianas but peak in mid-elevations for herbaceous vines in a subtropical forest system. <i>Acta Oecologica</i> , 2021, 111, 103749.	0.5	3
10	Patterns of nitrogen and phosphorus pools in terrestrial ecosystems in China. <i>Earth System Science Data</i> , 2021, 13, 5337-5351.	3.7	31
11	Does <i>Cathaya argyrophylla</i> , an ancient and threatened Pinaceae species endemic to China, show eco-physiological outliers to its Pinaceae relatives?. , 2020, 8, coaa094.		4
12	Climate and vegetation together control the vertical distribution of soil carbon, nitrogen and phosphorus in shrublands in China. <i>Plant and Soil</i> , 2020, 456, 15-26.	1.8	18
13	Carbohydrate saving or biomass maintenance: which is the main determinant of the plantâ€™s long-term submergence tolerance?. <i>Photosynthesis Research</i> , 2020, 149, 155-170.	1.6	2
14	The communityâ€level scaling relationship between leaf nitrogen and phosphorus changes with plant growth, climate and nutrient limitation. <i>Journal of Ecology</i> , 2020, 108, 1276-1286.	1.9	32
15	Climate-induced spatial mismatch may intensify giant panda habitat loss and fragmentation. <i>Biological Conservation</i> , 2020, 241, 108392.	1.9	10
16	Hydrochemical Fluxes in Bulk Precipitation, Throughfall, and Stemflow in a Mixed Evergreen and Deciduous Broadleaved Forest. <i>Forests</i> , 2019, 10, 507.	0.9	38
17	Climatic seasonality is linked to the occurrence of the mixed evergreen and deciduous broadâ€leaved forests in China. <i>Ecosphere</i> , 2019, 10, e02862.	1.0	11
18	Proximity to roads disrupts rodentsâ€™ contributions to seed dispersal services and subsequent recruitment dynamics. <i>Journal of Ecology</i> , 2019, 107, 2623-2634.	1.9	23

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19	Community reestablishment and poor body conditions of small mammal assemblages in subtropical afforested ecosystems. <i>Ecological Engineering</i> , 2019, 135, 1-7.	1.6	14
20	Strong restrictions on the trait range of co-occurring species in the newly created riparian zone of the Three Gorges Reservoir Area, China. <i>Journal of Plant Ecology</i> , 2019, 12, 825-833.	1.2	5
21	Altered trends in carbon uptake in China's terrestrial ecosystems under the enhanced summer monsoon and warming hiatus. <i>National Science Review</i> , 2019, 6, 505-514.	4.6	93
22	Soil respiration of four forests along elevation gradient in northern subtropical China. <i>Ecology and Evolution</i> , 2019, 9, 12846-12857.	0.8	18
23	C:N:P stoichiometry of Ericaceae species in shrubland biomes across Southern China: influences of climate, soil and species identity. <i>Journal of Plant Ecology</i> , 2019, 12, 346-357.	1.2	11
24	Underestimated ecosystem carbon turnover time and sequestration under the steady state assumption: A perspective from long-term data assimilation. <i>Global Change Biology</i> , 2019, 25, 938-953.	4.2	42
25	Dam Effect on Soil Nutrients and Potentially Toxic Metals in a Reservoir Riparian Zone. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1700497.	0.7	5
26	Variability of throughfall quantity in a mixed evergreen-deciduous broadleaved forest in central China. <i>Journal of Hydrology and Hydromechanics</i> , 2019, 67, 225-231.	0.7	12
27	Nitrogen and phosphorus concentrations and allocation strategies among shrub organs: the effects of plant growth forms and nitrogen-fixation types. <i>Plant and Soil</i> , 2018, 427, 305-319.	1.8	29
28	Patterns of plant carbon, nitrogen, and phosphorus concentration in relation to productivity in China's terrestrial ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4033-4038.	3.3	227
29	Carbon pools in China's terrestrial ecosystems: New estimates based on an intensive field survey. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4021-4026.	3.3	466
30	Effects of national ecological restoration projects on carbon sequestration in China from 2001 to 2010. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4039-4044.	3.3	486
31	Plant diversity enhances productivity and soil carbon storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4027-4032.	3.3	368
32	Evaluating the effectiveness of Shennongjia National Nature Reserve based on the dynamics of forest carbon pools. <i>Biodiversity Science</i> , 2018, 26, 27-35.	0.2	2
33	Geographical and climatic gradients of evergreen versus deciduous broadleaved tree species in subtropical China: Implications for the definition of the mixed forest. <i>Ecology and Evolution</i> , 2017, 7, 3636-3644.	0.8	28
34	Two ultraviolet radiation datasets that cover China. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 805-815.	1.9	20
35	Latitudinal Patterns and Climatic Drivers of Leaf Litter Multiple Nutrients in Chinese Broad-Leaved Tree Species: Does Leaf Habit Matter?. <i>Ecosystems</i> , 2017, 20, 1124-1136.	1.6	8
36	Leaf litter carbon, nitrogen, and phosphorus stoichiometric patterns as related to climatic factors and leaf habits across Chinese broad-leaved tree species. <i>Plant Ecology</i> , 2017, 218, 1063-1076.	0.7	16

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37	Leaf habit of tree species does not strongly predict leaf litter decomposition but alters climate-decomposition relationships. <i>Plant and Soil</i> , 2017, 419, 363-376.	1.8	6
38	Discrimination behavior mediates foraging quality versus quantity trade-offs: nut choice in wild rodents. <i>Behavioral Ecology</i> , 2017, 28, 607-616.	1.0	8
39	Controls over leaf litter decomposition in a mixed evergreen and deciduous broad-leaved forest, Central China. <i>Plant and Soil</i> , 2017, 412, 345-355.	1.8	19
40	Different composition and distribution patterns of mineral-protected versus hydrolyzable lipids in shrubland soils. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2206-2218.	1.3	24
41	Modelling interception loss using the revised Gash model: a case study in a mixed evergreen and deciduous broadleaved forest in China. <i>Ecohydrology</i> , 2016, 9, 1580-1589.	1.1	26
42	Inter- and intra-specific variation in stemflow for evergreen species and deciduous tree species in a subtropical forest. <i>Journal of Hydrology</i> , 2016, 537, 1-9.	2.3	23
43	Enhanced photosynthetic capacity by perennials in the riparian zone of the Three Gorges Reservoir Area, China. <i>Ecological Engineering</i> , 2016, 90, 6-11.	1.6	11
44	The illegal exploitation of hog badgers (<i>Arctonyx collaris</i>) in China: genetic evidence exposes regional population impacts. <i>Conservation Genetics Resources</i> , 2015, 7, 697-704.	0.4	7
45	Altered dynamics of broad-leaved tree species in a Chinese subtropical montane mixed forest: the role of an anomalous extreme 2008 ice storm episode. <i>Ecology and Evolution</i> , 2015, 5, 1484-1493.	0.8	24
46	Hog badger (<i>Arctonyx collaris</i>) latrine use in relation to food abundance: evidence of the scarce factor paradox. <i>Ecosphere</i> , 2015, 6, 1-12.	1.0	14
47	Seasonal dietary shifts and food resource exploitation by the hog badger (<i>Arctonyx collaris</i>) in a Chinese subtropical forest. <i>European Journal of Wildlife Research</i> , 2015, 61, 125-133.	0.7	22
48	Spatial organization and activity patterns of the masked palm civet (<i>Paguma larvata</i>) in central-south China. <i>Journal of Mammalogy</i> , 2014, 95, 534-542.	0.6	20
49	The ecophysiological response of three shrub species to flooding. , 2011, , .		0
50	The Janzen-Connell effect on the population dynamics of a <i>Fagus engleriana</i> - <i>Cyclobalanopsis oxyodon</i> community in a subtropical zone of China. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2009, 4, 513-522.	0.2	1
51	Structures and topographical pattern of the tree layer of <i>Fagus engleriana</i> - <i>Cyclobalanopsis oxyodon</i> community in Shennongjia area, Hubei Province, China. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2009, 4, 503-512.	0.2	1
52	Impacts of large dams on riparian vegetation: applying global experience to the case of China's Three Gorges Dam. <i>Biodiversity and Conservation</i> , 2008, 17, 3149-3163.	1.2	186
53	Economic development of local communities and biodiversity conservation: a case study from Shennongjia National Nature Reserve, China. <i>Biodiversity and Conservation</i> , 2005, 14, 2095-2108.	1.2	18