

Xia Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,726
citations

331670

21
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

3429
citing authors

#	ARTICLE	IF	CITATIONS
1	Global patterns of terrestrial nitrogen and phosphorus limitation. <i>Nature Geoscience</i> , 2020, 13, 221-226.	12.9	541
2	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.	7.1	466
3	Rapid loss of lakes on the Mongolian Plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2281-2286.	7.1	408
4	Decadal soil carbon accumulation across Tibetan permafrost regions. <i>Nature Geoscience</i> , 2017, 10, 420-424.	12.9	166
5	Terrestrial carbon sinks in China and around the world and their contribution to carbon neutrality. <i>Science China Life Sciences</i> , 2022, 65, 861-895.	4.9	163
6	Alpine grassland plants grow earlier and faster but biomass remains unchanged over 35 years of climate change. <i>Ecology Letters</i> , 2020, 23, 701-710.	6.4	124
7	Evidence for environmentally enhanced forest growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9527-9532.	7.1	116
8	Changes in China's lakes: climate and human impacts. <i>National Science Review</i> , 2020, 7, 132-140.	9.5	104
9	Satellite-indicated long-term vegetation changes and their drivers on the Mongolian Plateau. <i>Landscape Ecology</i> , 2015, 30, 1599-1611.	4.2	88
10	Climate and native grassland vegetation as drivers of the community structures of shrub-encroached grasslands in Inner Mongolia, China. <i>Landscape Ecology</i> , 2015, 30, 1627-1641.	4.2	71
11	Effects of shrub encroachment on soil organic carbon in global grasslands. <i>Scientific Reports</i> , 2016, 6, 28974.	3.3	65
12	Long-term changes in soil pH across major forest ecosystems in China. <i>Geophysical Research Letters</i> , 2015, 42, 933-940.	4.0	60
13	Satellite-based Studies on Large-scale Vegetation Changes in China. <i>Journal of Integrative Plant Biology</i> , 2012, 54, 713-728.	8.5	46
14	Changes in the trends of vegetation net primary productivity in China between 1982 and 2015. <i>Environmental Research Letters</i> , 2019, 14, 124009.	5.2	36
15	Global soil-climate-biome diagram: linking surface soil properties to climate and biota. <i>Biogeosciences</i> , 2019, 16, 2857-2871.	3.3	35
16	Ecological consequences of shrub encroachment in the grasslands of northern China. <i>Landscape Ecology</i> , 2019, 34, 119-130.	4.2	30
17	Long-term vegetation changes in the four mega-sandy lands in Inner Mongolia, China. <i>Landscape Ecology</i> , 2015, 30, 1613-1626.	4.2	27
18	No significant changes in topsoil carbon in the grasslands of northern China between the 1980s and 2000s. <i>Science of the Total Environment</i> , 2018, 624, 1478-1487.	8.0	26

#	ARTICLE	IF	CITATIONS
19	Eco-chemical mechanisms govern phytoplankton emissions of dimethylsulfide in global surface waters. <i>National Science Review</i> , 2021, 8, nwa140.	9.5	25
20	Reduced resilience of terrestrial ecosystems locally is not reflected on a global scale. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	25
21	Global patterns and climatic drivers of above- and belowground net primary productivity in grasslands. <i>Science China Life Sciences</i> , 2021, 64, 739-751.	4.9	23
22	Changes in China's water resources in the early 21st century. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 188-193.	4.0	22
23	Shrub encroachment decreases soil inorganic carbon stocks in Mongolian grasslands. <i>Journal of Ecology</i> , 2020, 108, 678-686.	4.0	20
24	Dryland soils in northern China sequester carbon during the early 2000s warming hiatus period. <i>Functional Ecology</i> , 2018, 32, 1620-1630.	3.6	18
25	Field-Based Estimation of Net Primary Productivity and Its Above- and Belowground Partitioning in Global Grasslands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, .	3.0	11
26	Soil organic carbon components in inner Mongolian shrub-encroached grasslands. <i>Plant and Soil</i> , 2019, 442, 199-213.	3.7	8
27	Increased precipitation attenuates shrub encroachment by facilitating herbaceous growth in a Mongolian grassland. <i>Functional Ecology</i> , 0, , .	3.6	2