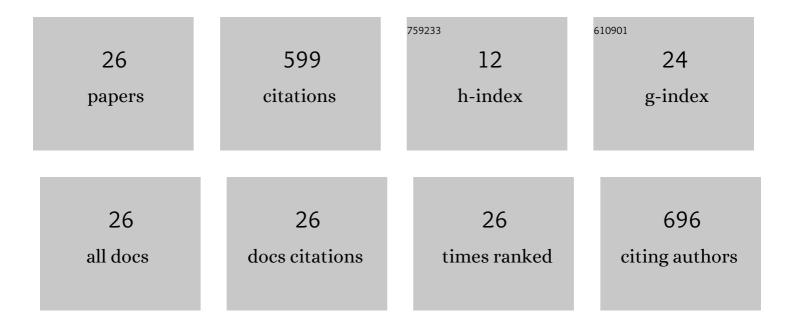
## Zhongyi Sun

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4837092/publications.pdf Version: 2024-02-01



**ΖΗΟΝΟΥΙ SUN** 

#	Article	IF	CITATIONS
1	A Study on Sensitivities of Tropical Forest GPP Responding to the Characteristics of Drought—A Case Study in Xishuangbanna, China. Water (Switzerland), 2022, 14, 157.	2.7	3
2	Effects of Irrigation Schedules on Maize Yield and Water Use Efficiency under Future Climate Scenarios in Heilongjiang Province Based on the AquaCrop Model. Agronomy, 2022, 12, 810.	3.0	8
3	A Study on the Vulnerability of the Gross Primary Production of Rubber Plantations to Regional Short-Term Flash Drought over Hainan Island. Forests, 2022, 13, 893.	2.1	4
4	NDVI Indicates Long-Term Dynamics of Vegetation and Its Driving Forces from Climatic and Anthropogenic Factors in Mongolian Plateau. Remote Sensing, 2021, 13, 688.	4.0	54
5	Study on the Water Supply and the Requirements, Yield, and Water Use Efficiency of Maize in Heilongjiang Province Based on the AquaCrop Model. Water (Switzerland), 2021, 13, 2665.	2.7	4
6	Spatiotemporal Analysis of Maize Water Requirement in the Heilongjiang Province of China during 1960–2015. Water (Switzerland), 2020, 12, 2472.	2.7	11
7	The effects of spatiotemporal patterns of atmospheric CO2 concentration on terrestrial gross primary productivity estimation. Climatic Change, 2020, 163, 913-930.	3.6	4
8	Spatiotemporal variation of heat and cold waves and their potential relation with the large-scale atmospheric circulation across Inner Mongolia, China. Theoretical and Applied Climatology, 2020, 142, 643-659.	2.8	6
9	Patterns and controls of vegetation productivity and precipitation-use efficiency across Eurasian grasslands. Science of the Total Environment, 2020, 741, 140204.	8.0	22
10	Evaluating and comparing remote sensing terrestrial GPP models for their response to climate variability and CO2 trends. Science of the Total Environment, 2019, 668, 696-713.	8.0	66
11	Characterizing Spatiotemporal Dynamics of CH4 Fluxes from Rice Paddies of Cold Region in Heilongjiang Province under Climate Change. International Journal of Environmental Research and Public Health, 2019, 16, 692.	2.6	19
12	Exploring the effects of crop residue burning on local haze pollution in Northeast China using ground and satellite data. Atmospheric Environment, 2019, 199, 189-201.	4.1	38
13	An attempt to introduce atmospheric CO2 concentration data to estimate the gross primary production by the terrestrial biosphere and analyze its effects. Ecological Indicators, 2018, 84, 218-234.	6.3	10
14	Analyzing CO2 concentration changes and their influencing factors in Indonesia by OCO-2 and other multi-sensor remote-sensing data. International Journal of Digital Earth, 2018, 11, 825-844.	3.9	4
15	Spatial pattern of GPP variations in terrestrial ecosystems and its drivers: Climatic factors, CO2 concentration and land-cover change, 1982–2015. Ecological Informatics, 2018, 46, 156-165.	5.2	45
16	Analyzing temporo-spatial changes and the distribution of the CO2 concentration in Australia from 2009 to 2016 by greenhouse gas monitoring satellites. Atmospheric Environment, 2018, 192, 1-12.	4.1	8
17	Extraction of rice-planting area and identification of chilling damage by remote sensing technology: a case study of the emerging rice production region in high latitude. Paddy and Water Environment, 2017, 15, 181-191.	1.8	9
18	Study on spatial distribution of crop residue burning and PM2.5 change in China. Environmental Pollution, 2017, 220, 204-221.	7.5	51

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#	Article	IF	CITATIONS
19	A Dark Target Algorithm for the GOSAT TANSO-CAI Sensor in Aerosol Optical Depth Retrieval over Land. Remote Sensing, 2017, 9, 524.	4.0	4
20	A Modified Aerosol Free Vegetation Index Algorithm for Aerosol Optical Depth Retrieval Using GOSAT TANSO-CAI Data. Remote Sensing, 2016, 8, 998.	4.0	5
21	Spatial Distribution of CO <sub>2</sub> Concentration over South America during ENSO Episodes by Using GOSAT Data. American Journal of Climate Change, 2016, 05, 77-87.	0.9	6
22	Fuzzy Comprehensive Evaluation-Based Disaster Risk Assessment of Desertification in Horqin Sand Land, China. International Journal of Environmental Research and Public Health, 2015, 12, 1703-1725.	2.6	21
23	The impact of irrigation water supply rate on agricultural drought disaster risk: a case about maize based on EPIC in Baicheng City, China. Natural Hazards, 2015, 78, 23-40.	3.4	16
24	The impacts of long-term and year-to-year temperature change on corn yield in China. Theoretical and Applied Climatology, 2015, 119, 77-82.	2.8	21
25	Integrated risk zoning of drought and waterlogging disasters based on fuzzy comprehensive evaluation in Anhui Province, China. Natural Hazards, 2014, 71, 1639-1657.	3.4	35
26	Integrated risk assessment of flood disaster based on improved set pair analysis and the variable fuzzy set theory in central Liaoning Province, China. Natural Hazards, 2014, 74, 947-965.	3.4	125