

Zhongyi Sun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Study on Sensitivities of Tropical Forest GPP Responding to the Characteristics of Drought—A Case Study in Xishuangbanna, China. <i>Water (Switzerland)</i> , 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. <i>Agronomy</i> , 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. <i>Forests</i> , 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. <i>Remote Sensing</i> , 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. <i>Water (Switzerland)</i> , 2021, 13, 2665.	2.7	4
6	Spatiotemporal Analysis of Maize Water Requirement in the Heilongjiang Province of China during 1960–2015. <i>Water (Switzerland)</i> , 2020, 12, 2472.	2.7	11
7	The effects of spatiotemporal patterns of atmospheric CO ₂ concentration on terrestrial gross primary productivity estimation. <i>Climatic Change</i> , 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. <i>Theoretical and Applied Climatology</i> , 2020, 142, 643-659.	2.8	6
9	Patterns and controls of vegetation productivity and precipitation-use efficiency across Eurasian grasslands. <i>Science of the Total Environment</i> , 2020, 741, 140204.	8.0	22
10	Evaluating and comparing remote sensing terrestrial GPP models for their response to climate variability and CO ₂ trends. <i>Science of the Total Environment</i> , 2019, 668, 696-713.	8.0	66
11	Characterizing Spatiotemporal Dynamics of CH ₄ Fluxes from Rice Paddies of Cold Region in Heilongjiang Province under Climate Change. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>Atmospheric Environment</i> , 2019, 199, 189-201.	4.1	38
13	An attempt to introduce atmospheric CO ₂ concentration data to estimate the gross primary production by the terrestrial biosphere and analyze its effects. <i>Ecological Indicators</i> , 2018, 84, 218-234.	6.3	10
14	Analyzing CO ₂ concentration changes and their influencing factors in Indonesia by OCO-2 and other multi-sensor remote-sensing data. <i>International Journal of Digital Earth</i> , 2018, 11, 825-844.	3.9	4
15	Spatial pattern of GPP variations in terrestrial ecosystems and its drivers: Climatic factors, CO ₂ concentration and land-cover change, 1982–2015. <i>Ecological Informatics</i> , 2018, 46, 156-165.	5.2	45
16	Analyzing temporo-spatial changes and the distribution of the CO ₂ concentration in Australia from 2009 to 2016 by greenhouse gas monitoring satellites. <i>Atmospheric Environment</i> , 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. <i>Paddy and Water Environment</i> , 2017, 15, 181-191.	1.8	9
18	Study on spatial distribution of crop residue burning and PM _{2.5} change in China. <i>Environmental Pollution</i> , 2017, 220, 204-221.	7.5	51

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19	A Dark Target Algorithm for the GOSAT TANSO-CAI Sensor in Aerosol Optical Depth Retrieval over Land. <i>Remote Sensing</i> , 2017, 9, 524.	4.0	4
20	A Modified Aerosol Free Vegetation Index Algorithm for Aerosol Optical Depth Retrieval Using GOSAT TANSO-CAI Data. <i>Remote Sensing</i> , 2016, 8, 998.	4.0	5
21	Spatial Distribution of CO ₂ Concentration over South America during ENSO Episodes by Using GOSAT Data. <i>American Journal of Climate Change</i> , 2016, 05, 77-87.	0.9	6
22	Fuzzy Comprehensive Evaluation-Based Disaster Risk Assessment of Desertification in Horqin Sand Land, China. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>Natural Hazards</i> , 2015, 78, 23-40.	3.4	16
24	The impacts of long-term and year-to-year temperature change on corn yield in China. <i>Theoretical and Applied Climatology</i> , 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. <i>Natural Hazards</i> , 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. <i>Natural Hazards</i> , 2014, 74, 947-965.	3.4	125