

# Yajie Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

338  
citations

840728

11  
h-index

888047

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Does agroecosystem model improvement increase simulation accuracy for agricultural N <sub>2</sub> O emissions?. <i>Agricultural and Forest Meteorology</i> , 2021, 297, 108281.	4.8	4
2	Bioenergy research under climate change: a bibliometric analysis from a country perspective. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26427-26440.	5.3	8
3	Impacts of climate change and increasing carbon dioxide levels on yield changes of major crops in suitable planting areas in China by the 2050s. <i>Ecological Indicators</i> , 2021, 125, 107588.	6.3	26
4	Relationship of population migration, crop production pattern, and socioeconomic development: evidence from the early 21st century. <i>Environmental Research Letters</i> , 2021, 16, 074045.	5.2	3
5	What is the best article publishing strategy for early career scientists?. <i>Scientometrics</i> , 2020, 122, 397-408.	3.0	19
6	Projected background nitrous oxide emissions from cultivable maize and rice farmland in China. <i>Atmospheric Pollution Research</i> , 2020, 11, 1982-1990.	3.8	2
7	Identification of current research intensity and influence factors of agricultural nitrogen loss from cropping systems. <i>Journal of Cleaner Production</i> , 2020, 276, 123308.	9.3	19
8	Characteristics of high-impact agronomic journals. <i>Agronomy Journal</i> , 2020, 112, 3878-3890.	1.8	2
9	The research trends of metal-organic frameworks in environmental science: a review based on bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19265-19284.	5.3	20
10	sc_PDSI is more sensitive to precipitation than to reference evapotranspiration in China during the time period 1951–2015. <i>Ecological Indicators</i> , 2019, 96, 448-457.	6.3	18
11	Effects of temperature, precipitation and carbon dioxide concentrations on the requirements for crop irrigation water in China under future climate scenarios. <i>Science of the Total Environment</i> , 2019, 656, 373-387.	8.0	38
12	The simulation of the vine biomass at different planting ages in Ningxia vineyards using DNDC model. <i>Acta Ecologica Sinica</i> , 2018, 38, 281-287.	1.9	4
13	Standardized Precipitation Evapotranspiration Index is highly correlated with total water storage over China under future climate scenarios. <i>Atmospheric Environment</i> , 2018, 194, 123-133.	4.1	27
14	Correlation analysis between drought indices and terrestrial water storage from 2002 to 2015 in China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	12
15	Spatio-temporal variations in the areas suitable for the cultivation of rice and maize in China under future climate scenarios. <i>Science of the Total Environment</i> , 2017, 601-602, 518-531.	8.0	47
16	The development of the DNDC plant growth sub-model and the application of DNDC in agriculture: A review. <i>Agriculture, Ecosystems and Environment</i> , 2016, 230, 271-282.	5.3	67
17	Application of the DNDC model to estimate N <sub>2</sub> O emissions under different types of irrigation in vineyards in Ningxia, China. <i>Agricultural Water Management</i> , 2016, 163, 295-304.	5.6	22