Yajie Zhang

List of Publications by Year
in descending order

17	338	840585
papers	citations	11
		h-index

887953	
17	
g-index	

18	18	18	407
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The development of the DNDC plant growth sub-model and the application of DNDC in agriculture: A review. Agriculture, Ecosystems and Environment, 2016, 230, 271-282.	2.5	67
2	Spatio-temporal variations in the areas suitable for the cultivation of rice and maize in China under future climate scenarios. Science of the Total Environment, 2017, 601-602, 518-531.	3.9	47
3	Effects of temperature, precipitation and carbon dioxide concentrations on the requirements for crop irrigation water in China under future climate scenarios. Science of the Total Environment, 2019, 656, 373-387.	3.9	38
4	Standardized Precipitation Evapotranspiration Index is highly correlated with total water storage over China under future climate scenarios. Atmospheric Environment, 2018, 194, 123-133.	1.9	27
5	Impacts of climate change and increasing carbon dioxide levels on yield changes of major crops in suitable planting areas in China by the 2050s. Ecological Indicators, 2021, 125, 107588.	2.6	26
6	Application of the DNDC model to estimate N_2O emissions under different types of irrigation in vineyards in Ningxia, China. Agricultural Water Management, 2016, 163, 295-304.	2.4	22
7	The research trends of metal-organic frameworks in environmental science: a review based on bibliometric analysis. Environmental Science and Pollution Research, 2020, 27, 19265-19284.	2.7	20
8	What is the best article publishing strategy for early career scientists?. Scientometrics, 2020, 122, 397-408.	1.6	19
9	Identification of current research intensity and influence factors of agricultural nitrogen loss from cropping systems. Journal of Cleaner Production, 2020, 276, 123308.	4.6	19
10	sc_PDSI is more sensitive to precipitation than to reference evapotranspiration in China during the time period 1951â€"2015. Ecological Indicators, 2019, 96, 448-457.	2.6	18
11	Correlation analysis between drought indices and terrestrial water storage from 2002 to 2015 in China. Environmental Earth Sciences, 2018, 77, 1.	1.3	12
12	Bioenergy research under climate change: a bibliometric analysis from a country perspective. Environmental Science and Pollution Research, 2021, 28, 26427-26440.	2.7	8
13	The simulation of the vine biomass at different planting ages in Ningxia vineyards using DNDC model. Acta Ecologica Sinica, 2018, 38, 281-287.	0.9	4
14	Does agroecosystem model improvement increase simulation accuracy for agricultural N2O emissions?. Agricultural and Forest Meteorology, 2021, 297, 108281.	1.9	4
15	Relationship of population migration, crop production pattern, and socioeconomic development: evidence from the early 21st century. Environmental Research Letters, 2021, 16, 074045.	2.2	3
16	Projected background nitrous oxide emissions from cultivable maize and rice farmland in China. Atmospheric Pollution Research, 2020, 11, 1982-1990.	1.8	2
17	Characteristics of highâ€impact agronomic journals. Agronomy Journal, 2020, 112, 3878-3890.	0.9	2