Junfang Zhao

List of Publications by Year
in descending order

28	533	567281	677142
papers	**citations**	15	22
		h-index	**g-index**

28	28	28	568
all docs	**docs citations**	**times ranked**	**citing authors**

#	ARTICLE	IF	CITATIONS
1	An integrated remote sensing and model approach for assessing forest carbon fluxes in China. Science of the Total Environment, 2022, 811, 152480.	8.0	29
2	A review of forest carbon cycle models on spatiotemporal scales. Journal of Cleaner Production, 2022, 339, 130692.	9.3	14
3	Effects of Climate Change on the Climatic Production Potential of Potatoes in Inner Mongolia, China. Sustainability, 2022, 14, 7836.	3.2	4
4	Integrated Remote Sensing and Crop Model Approach for Impact Assessment of Aerosols on Biomass Accumulation of Maize. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7237-7245.	4.9	2
5	Integrated remote sensing and model approach for impact assessment of future climate change on the carbon budget of global forest ecosystems. Global and Planetary Change, 2021, 203, 103542.	3.5	12
6	Spatial–temporal variations of carbon storage of the global forest ecosystem under future climate change. Mitigation and Adaptation Strategies for Global Change, 2020, 25, 603-624.	2.1	13
7	Soil Moisture Assessment Based on Multi‐Source Remotely Sensed Data in the Huaihe River Basin, China. Journal of the American Water Resources Association, 2020, 56, 935-948.	2.4	1
8	Assessment of the radiation effect of aerosols on maize production in China. Science of the Total Environment, 2020, 720, 137567.	8.0	17
9	Evaluating impacts of climate change on net ecosystem productivity (NEP) of global different forest types based on an individual tree-based model FORCCHN and remote sensing. Global and Planetary Change, 2019, 182, 103010.	3.5	21
10	Agricultural Adaptation to Drought for Different Cropping Systems in Southern China under Climate Change. Journal of the American Water Resources Association, 2019, 55, 1235-1247.	2.4	4
11	Variations in climatic suitability and planting regionalization for potato in northern China under climate change. PLoS ONE, 2018, 13, e0203538.	2.5	21
12	Assessing the combined effects of climatic factors on spring wheat phenophase and grain yield in Inner Mongolia, China. PLoS ONE, 2017, 12, e0185690.	2.5	17
13	Coincidence of variation in potato yield and climate in northern China. Science of the Total Environment, 2016, 573, 965-973.	8.0	27
14	Drought monitoring based on TIGGE and distributed hydrological model in Huaihe River Basin, China. Science of the Total Environment, 2016, 553, 358-365.	8.0	30
15	Exploring the dynamics of agricultural climatic resource utilization of spring maize over the past 50 years in Northeast China. Physics and Chemistry of the Earth, 2015, 87-88, 19-27.	2.9	3
16	Effects of climate change on cultivation patterns of spring maize and its climatic suitability in Northeast China. Agriculture, Ecosystems and Environment, 2015, 202, 178-187.	5.3	52
17	Exploring the relationships between climatic variables and climate-induced yield of spring maize in Northeast China. Agriculture, Ecosystems and Environment, 2015, 207, 79-90.	5.3	69
18	Multidecadal changes in moisture condition during climatic growing period of crops in Northeast China. Physics and Chemistry of the Earth, 2015, 87-88, 28-42.	2.9	6

#	Article	IF	Citations
19	Effects of adjusting cropping systems on utilization efficiency of climatic resources in Northeast China under future climate scenarios. Physics and Chemistry of the Earth, 2015, 87-88, 87-96.	2.9	8
20	Attribution of maize yield increase in China to climate change and technological advancement between 1980 and 2010. Journal of Meteorological Research, 2014, 28, 1168-1181.	2.4	20
21	Efficiency enhancement of a process-based rainfall–runoff model using a new modified AdaBoost.RT technique. Applied Soft Computing Journal, 2014, 23, 521-529.	7.2	29
22	An innovative method for dynamic update of initial water table in XXT model based on neural network technique. Applied Soft Computing Journal, 2013, 13, 4185-4193.	7.2	9
23	Evaluation of agricultural climatic resource utilization during spring maize cultivation in Northeast China under climate change. Journal of Meteorological Research, 2013, 27, 758-768.	1.0	8
24	Possible Trajectories of Agricultural Cropping Systems in China from 2011 to 2050. American Journal of Climate Change, 2013, 02, 191-197.	0.9	10
25	Variety distribution pattern and climatic potential productivity of spring maize in Northeast China under climate change. Science Bulletin, 2012, 57, 3497-3508.	1.7	40
26	Evaluating Spatial-Temporal Dynamics of Net Primary Productivity of Different Forest Types in Northeastern China Based on Improved FORCCHN. PLoS ONE, 2012, 7, e48131.	2.5	28
27	Simulating net carbon budget of forest ecosystems and its response to climate change in northeastern China using improved FORCCHN. Chinese Geographical Science, 2012, 22, 29-41.	3.0	16
28	Establishing and validating individual-based carbon budget model FORCCHN of forest ecosystems in China. Acta Ecologica Sinica, 2007, 27, 2684-2694.	1.9	23