Junfang Zhao

List of Publications by Year
in descending order

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

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

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	Efficiency enhancement of a process-based rainfallâ€“runoff model using a new modified AdaBoost.RT technique. Applied Soft Computing Journal, 2014, 23, 521-529.	7.2	29
6	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
7	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
8	Coincidence of variation in potato yield and climate in northern China. Science of the Total Environment, 2016, 573, 965-973.	8.0	27
9	Establishing and validating individual-based carbon budget model FORCCHN of forest ecosystems in China. Acta Ecologica Sinica, 2007, 27, 2684-2694.	1.9	23
10	Variations in climatic suitability and planting regionalization for potato in northern China under climate change. PLoS ONE, 2018, 13, e0203538.	2.5	21
11	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
12	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
13	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
14	Assessment of the radiation effect of aerosols on maize production in China. Science of the Total Environment, 2020, 720, 137567.	8.0	17
15	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
16	A review of forest carbon cycle models on spatiotemporal scales. Journal of Cleaner Production, 2022, 339, 130692.	9.3	14
17	Spatialâ€“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
18	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

#	Article	IF	Citations
19	Possible Trajectories of Agricultural Cropping Systems in China from 2011 to 2050. American Journal of Climate Change, 2013, 02, 191-197.	0.9	10
20	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
21	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
22	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
23	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
24	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
25	Effects of Climate Change on the Climatic Production Potential of Potatoes in Inner Mongolia, China. Sustainability, 2022, 14, 7836.	3.2	4
26	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
27	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
28	Soil Moisture Assessment Based on Multiâ€Source Remotely Sensed Data in the Huaihe River Basin, China. Journal of the American Water Resources Association, 2020, 56, 935-948.	2.4	1