Xiao-Dong Zeng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2069908/publications.pdf

Version: 2024-02-01

21 papers	472 citations	840776 11 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	731 citing authors

#	Article	IF	Citations
1	Terrestrial Carbon Cycle: Climate Relations in Eight CMIP5 Earth System Models. Journal of Climate, 2013, 26, 8744-8764.	3.2	88
2	Growing temperate shrubs over arid and semiarid regions in the Community Land Modelâ€“Dynamic Global Vegetation Model. Global Biogeochemical Cycles, 2008, 22, .	4.9	69
3	Description and Climate Simulation Performance of CASâ€ESM Version 2. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002210.	3.8	59
4	Regional changes in extreme temperature records over Pakistan and their relation to Pacific variability. Atmospheric Research, 2021, 250, 105407.	4.1	41
5	Evaluating the performance of CMIP6 Earth system models in simulating global vegetation structure and distribution. Advances in Climate Change Research, 2021, 12, 584-595.	5.1	31
6	Evaluating the dependence of vegetation on climate in an improved dynamic global vegetation model. Advances in Atmospheric Sciences, 2010, 27, 977-991.	4.3	29
7	Development of the IAP Dynamic Global Vegetation Model. Advances in Atmospheric Sciences, 2014, 31, 505-514.	4.3	29
8	Response of Tropical Terrestrial Gross Primary Production to the Super El NiÃ±o Event in 2015. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3193-3203.	3.0	24
9	Evaluation of the New Dynamic Global Vegetation Model in CAS-ESM. Advances in Atmospheric Sciences, 2018, 35, 659-670.	4.3	21
10	Comprehensive study on the influence of evapotranspiration and albedo on surface temperature related to changes in the leaf area index. Advances in Atmospheric Sciences, 2015, 32, 935-942.	4.3	15
11	Investigation of uncertainties of establishment schemes in dynamic global vegetation models. Advances in Atmospheric Sciences, 2014, 31, 85-94.	4.3	13
12	Observed Changes in Crop Yield Associated with Droughts Propagation via Natural and Human-Disturbed Agro-Ecological Zones of Pakistan. Remote Sensing, 2022, 14, 2152.	4.0	10
13	Influences of the seasonal growth of vegetation on surface energy budgets over middle to high latitudes. International Journal of Climatology, 2017, 37, 4251-4260.	3.5	9
14	Changes in Global Vegetation Distribution and Carbon Fluxes in Response to Global Warming: Simulated Results from IAP-DGVM in CAS-ESM2. Advances in Atmospheric Sciences, 2022, 39, 1285-1298.	4.3	8
15	Impact of spin-up forcing on vegetation states simulated by a dynamic global vegetation model coupled with a land surface model. Advances in Atmospheric Sciences, 2011, 28, 775-788.	4.3	7
16	Development of an establishment scheme for a DGVM. Advances in Atmospheric Sciences, 2016, 33, 829-840.	4.3	6
17	Evaluating the tree population density and its impacts in CLM-DGVM. Advances in Atmospheric Sciences, 2013, 30, 116-124.	4.3	4
18	Influences of the interannual variability of vegetation LAI on surface temperature. Atmospheric and Oceanic Science Letters, 2016, 9, 292-297.	1.3	4

#	Article	IF	Citations
19	Evaluation of the individual allocation scheme and its impacts in a dynamic global vegetation model. Atmospheric and Oceanic Science Letters, 2016, 9, 38-44.	1.3	2
20	Response of terrestrial net primary production to climate change associated with the quadrupling CO₂ forcing in CMIP6 models. Atmospheric Science Letters, 2022, 23, .	1.9	2
21	Linkage between tropical terrestrial carbon cycle and precipitation: The two anomalous years of 1979 and 1996. Atmospheric Science Letters, 2019, 20, e876.	1.9	1