

Xiao-Dong Zeng

List of Publications by Year in descending order

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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	Changes in Global Vegetation Distribution and Carbon Fluxes in Response to Global Warming: Simulated Results from IAP-DGVM in CAS-ESM2. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1285-1298.	4.3	8
2	Observed Changes in Crop Yield Associated with Droughts Propagation via Natural and Human-Disturbed Agro-Ecological Zones of Pakistan. <i>Remote Sensing</i> , 2022, 14, 2152.	4.0	10
3	Response of terrestrial net primary production to climate change associated with the quadrupling CO ₂ forcing in CMIP6 models. <i>Atmospheric Science Letters</i> , 2022, 23, .	1.9	2
4	Regional changes in extreme temperature records over Pakistan and their relation to Pacific variability. <i>Atmospheric Research</i> , 2021, 250, 105407.	4.1	41
5	Evaluating the performance of CMIP6 Earth system models in simulating global vegetation structure and distribution. <i>Advances in Climate Change Research</i> , 2021, 12, 584-595.	5.1	31
6	Description and Climate Simulation Performance of CAS-ESM Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002210.	3.8	59
7	Linkage between tropical terrestrial carbon cycle and precipitation: The two anomalous years of 1979 and 1996. <i>Atmospheric Science Letters</i> , 2019, 20, e876.	1.9	1
8	Evaluation of the New Dynamic Global Vegetation Model in CAS-ESM. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 659-670.	4.3	21
9	Response of Tropical Terrestrial Gross Primary Production to the Super El Niño Event in 2015. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3193-3203.	3.0	24
10	Influences of the seasonal growth of vegetation on surface energy budgets over middle to high latitudes. <i>International Journal of Climatology</i> , 2017, 37, 4251-4260.	3.5	9
11	Development of an establishment scheme for a DGVM. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 829-840.	4.3	6
12	Influences of the interannual variability of vegetation LAI on surface temperature. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 292-297.	1.3	4
13	Evaluation of the individual allocation scheme and its impacts in a dynamic global vegetation model. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 38-44.	1.3	2
14	Comprehensive study on the influence of evapotranspiration and albedo on surface temperature related to changes in the leaf area index. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 935-942.	4.3	15
15	Investigation of uncertainties of establishment schemes in dynamic global vegetation models. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 85-94.	4.3	13
16	Development of the IAP Dynamic Global Vegetation Model. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 505-514.	4.3	29
17	Terrestrial Carbon Cycle: Climate Relations in Eight CMIP5 Earth System Models. <i>Journal of Climate</i> , 2013, 26, 8744-8764.	3.2	88
18	Evaluating the tree population density and its impacts in CLM-DGVM. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 116-124.	4.3	4

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19	Impact of spin-up forcing on vegetation states simulated by a dynamic global vegetation model coupled with a land surface model. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 775-788.	4.3	7
20	Evaluating the dependence of vegetation on climate in an improved dynamic global vegetation model. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 977-991.	4.3	29
21	Growing temperate shrubs over arid and semiarid regions in the Community Land Model—Dynamic Global Vegetation Model. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	4.9	69