

Dan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,570
citations

361413

20
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	Global comparison of light use efficiency models for simulating terrestrial vegetation gross primary production based on the LaThuile database. <i>Agricultural and Forest Meteorology</i> , 2014, 192-193, 108-120.	4.8	220
2	Increasingly Important Role of Atmospheric Aridity on Tibetan Alpine Grasslands. <i>Geophysical Research Letters</i> , 2018, 45, 2852-2859.	4.0	136
3	Severe summer heatwave and drought strongly reduced carbon uptake in Southern China. <i>Scientific Reports</i> , 2016, 6, 18813.	3.3	125
4	The contribution of China's Grain to Green Program to carbon sequestration. <i>Landscape Ecology</i> , 2014, 29, 1675-1688.	4.2	94
5	Atmospheric dynamic constraints on Tibetan Plateau freshwater under Paris climate targets. <i>Nature Climate Change</i> , 2021, 11, 219-225.	18.8	87
6	Multiyear precipitation reduction strongly decreases carbon uptake over northern China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 881-896.	3.0	79
7	Disentangling the mechanisms behind winter snow impact on vegetation activity in northern ecosystems. <i>Global Change Biology</i> , 2018, 24, 1651-1662.	9.5	76
8	Contrasting responses of grassland water and carbon exchanges to climate change between Tibetan Plateau and Inner Mongolia. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 163-175.	4.8	62
9	Improved estimations of gross primary production using satellite-derived photosynthetically active radiation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 110-123.	3.0	60
10	Large Differences in Terrestrial Vegetation Production Derived from Satellite-Based Light Use Efficiency Models. <i>Remote Sensing</i> , 2014, 6, 8945-8965.	4.0	55
11	Moisture-induced greening of the South Asia over the past three decades. <i>Global Change Biology</i> , 2017, 23, 4995-5005.	9.5	55
12	Soil pH determines fungal diversity along an elevation gradient in Southwestern China. <i>Science China Life Sciences</i> , 2018, 61, 718-726.	4.9	51
13	Characterization of locations and extents of afforestation from the Grain for Green Project in China. <i>Remote Sensing Letters</i> , 2014, 5, 221-229.	1.4	42
14	Combined Use of Multiple Drought Indices for Global Assessment of Dry Gets Drier and Wet Gets Wetter Paradigm. <i>Journal of Climate</i> , 2019, 32, 737-748.	3.2	40
15	Grassland restoration reduces water yield in the headstream region of Yangtze River. <i>Scientific Reports</i> , 2017, 7, 2162.	3.3	39
16	The paleoclimatic footprint in the soil carbon stock of the Tibetan permafrost region. <i>Nature Communications</i> , 2019, 10, 4195.	12.8	39
17	Elevation dependence of drought legacy effects on vegetation greenness over the Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108190.	4.8	39
18	Vegetation-specific model parameters are not required for estimating gross primary production. <i>Ecological Modelling</i> , 2014, 292, 1-10.	2.5	37

#	ARTICLE	IF	CITATIONS
19	Inclusion of soil carbon lateral movement alters terrestrial carbon budget in China. <i>Scientific Reports</i> , 2014, 4, 7247.	3.3	32
20	Emerging negative impact of warming on summer carbon uptake in northern ecosystems. <i>Nature Communications</i> , 2018, 9, 5391.	12.8	31
21	Global simulations of carbon allocation coefficients for deciduous vegetation types. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 28016.	1.6	20
22	Effects of land use conversion and fertilization on CH ₄ and N ₂ O fluxes from typical hilly red soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20269-20280.	5.3	20
23	A hollow bacterial diversity pattern with elevation in Wolong Nature Reserve, Western Sichuan Plateau. <i>Journal of Soils and Sediments</i> , 2016, 16, 2365-2374.	3.0	20
24	Responses of soil methanogens, methanotrophs, and methane fluxes to land-use conversion and fertilization in a hilly red soil region of southern China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8731-8743.	5.3	19
25	Spring Snow-Albedo Feedback Analysis Over the Third Pole: Results From Satellite Observation and CMIP5 Model Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 750-763.	3.3	17
26	Multisatellite Analyses of Spatiotemporal Variability in Photosynthetic Activity Over the Tibetan Plateau. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3778-3797.	3.0	17
27	Spatial patterns of soil and ecosystem respiration regulated by biological and environmental variables along a precipitation gradient in semi-arid grasslands in China. <i>Ecological Research</i> , 2016, 31, 505-513.	1.5	16
28	Higher Temperature Sensitivity of Soil C Release to Atmosphere From Northern Permafrost Soils as Indicated by a Meta-Analysis. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006688.	4.9	12
29	Global Validation of a Process-Based Model on Vegetation Gross Primary Production Using Eddy Covariance Observations. <i>PLoS ONE</i> , 2014, 9, e110407.	2.5	11
30	Decelerating Autumn CO ₂ Release With Warming Induced by Attenuated Temperature Dependence of Respiration in Northern Ecosystems. <i>Geophysical Research Letters</i> , 2018, 45, 5562-5571.	4.0	8
31	Drivers of Eurasian Spring Snow-Cover Variability. <i>Journal of Climate</i> , 2021, 34, 2037-2052.	3.2	7
32	How Forest Gap and Elevation Shaped <i>Abies faxoniana</i> Rehd. et Wils. Regeneration in a Subalpine Coniferous Forest, Southwestern China. <i>Forests</i> , 2018, 9, 271.	2.1	4