

# Yue Li

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

7,603  
citations

218677

26  
h-index

223800

46  
g-index

46  
all docs

46  
docs citations

46  
times ranked

7633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Greening of the Earth and its drivers. <i>Nature Climate Change</i> , 2016, 6, 791-795.	18.8	1,675
2	Revegetation in China's Loess Plateau is approaching sustainable water resource limits. <i>Nature Climate Change</i> , 2016, 6, 1019-1022.	18.8	1,270
3	Detection and attribution of vegetation greening trend in China over the last 30 years. <i>Global Change Biology</i> , 2015, 21, 1601-1609.	9.5	597
4	Dryland climate change: Recent progress and challenges. <i>Reviews of Geophysics</i> , 2017, 55, 719-778.	23.0	507
5	Evaporative cooling over the Tibetan Plateau induced by vegetation growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9299-9304.	7.1	404
6	Leaf onset in the northern hemisphere triggered by daytime temperature. <i>Nature Communications</i> , 2015, 6, 6911.	12.8	384
7	Climate mitigation from vegetation biophysical feedbacks during the past three decades. <i>Nature Climate Change</i> , 2017, 7, 432-436.	18.8	323
8	Divergent hydrological response to large-scale afforestation and vegetation greening in China. <i>Science Advances</i> , 2018, 4, eaar4182.	10.3	287
9	Summer soil drying exacerbated by earlier spring greening of northern vegetation. <i>Science Advances</i> , 2020, 6, eaax0255.	10.3	258
10	Partitioning global land evapotranspiration using CMIP5 models constrained by observations. <i>Nature Climate Change</i> , 2018, 8, 640-646.	18.8	219
11	The contribution of China's emissions to global climate forcing. <i>Nature</i> , 2016, 531, 357-361.	27.8	214
12	The impact of the 2009/2010 drought on vegetation growth and terrestrial carbon balance in Southwest China. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 239-248.	4.8	199
13	Spatiotemporal pattern of gross primary productivity and its covariation with climate in China over the last thirty years. <i>Global Change Biology</i> , 2018, 24, 184-196.	9.5	177
14	Emergent constraints on projections of declining primary production in the tropical oceans. <i>Nature Climate Change</i> , 2017, 7, 355-358.	18.8	108
15	Progress in Semi-arid Climate Change Studies in China. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 922-937.	4.3	94
16	Biophysical impacts of Earth greening largely controlled by aerodynamic resistance. <i>Science Advances</i> , 2020, 6, .	10.3	67
17	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
18	Local and teleconnected temperature effects of afforestation and vegetation greening in China. <i>National Science Review</i> , 2020, 7, 897-912.	9.5	60

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19	Dryland expansion in northern China from 1948 to 2008. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 870-876.	4.3	57
20	Joint structural and physiological control on the interannual variation in productivity in a temperate grassland: A data-model comparison. <i>Global Change Biology</i> , 2018, 24, 2965-2979.	9.5	53
21	Evaluating biases in simulated land surface albedo from CMIP5 global climate models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6178-6190.	3.3	46
22	Deforestation-induced climate change reduces carbon storage in remaining tropical forests. <i>Nature Communications</i> , 2022, 13, 1964.	12.8	41
23	Precipitation dominates the transpiration of both the economic forest ( <i>Malus pumila</i> ) and ecological forest ( <i>Robinia pseudoacacia</i> ) on the Loess Plateau after about 15 years of water depletion in deep soil. <i>Agricultural and Forest Meteorology</i> , 2021, 297, 108244.	4.8	38
24	Spatial patterns of climatological temperature lapse rate in mainland China: A multi-time scale investigation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2661-2675.	3.3	35
25	Global terrestrial stiling: does Earth's greening play a role?. <i>Environmental Research Letters</i> , 2018, 13, 124013.	5.2	33
26	Emerging negative impact of warming on summer carbon uptake in northern ecosystems. <i>Nature Communications</i> , 2018, 9, 5391.	12.8	31
27	Regional air pollution brightening reverses the greenhouse gases induced warming-elevation relationship. <i>Geophysical Research Letters</i> , 2015, 42, 4563-4572.	4.0	30
28	Regional patterns of future runoff changes from Earth system models constrained by observation. <i>Geophysical Research Letters</i> , 2017, 44, 5540-5549.	4.0	26
29	Multicriteria evaluation of discharge simulation in Dynamic Global Vegetation Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7488-7505.	3.3	25
30	Contributions of Climate Change, CO <sub>2</sub> , Land-Use Change, and Human Activities to Changes in River Flow across 10 Chinese Basins. <i>Journal of Hydrometeorology</i> , 2018, 19, 1899-1914.	1.9	24
31	Effects of different plastic film mulching on soil hydrothermal conditions and grain-filling process in an arid irrigation district. <i>Science of the Total Environment</i> , 2021, 795, 148886.	8.0	24
32	Influence of straw incorporation on soil water utilization and summer maize productivity: A five-year field study on the Loess Plateau of China. <i>Agricultural Water Management</i> , 2020, 233, 106106.	5.6	23
33	Phenology determines water use strategies of three economic tree species in the semi-arid Loess Plateau of China. <i>Agricultural and Forest Meteorology</i> , 2022, 312, 108716.	4.8	22
34	Changing the retention properties of catchments and their influence on runoff under climate change. <i>Environmental Research Letters</i> , 2018, 13, 094019.	5.2	21
35	Comment on "Satellites reveal contrasting responses of regional climate to the widespread greening of Earth". <i>Science</i> , 2018, 360, .	12.6	19
36	Biochar and alternate wetting-drying cycles improving rhizosphere soil nutrients availability and tobacco growth by altering root growth strategy in Ferralsol and Anthrosol. <i>Science of the Total Environment</i> , 2022, 806, 150513.	8.0	19

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37	Biochar incorporation increases winter wheat ( <i>Triticum aestivum</i> L.) production with significantly improving soil enzyme activities at jointing stage. <i>Catena</i> , 2022, 211, 105979.	5.0	19
38	Transparent plastic film combined with deficit irrigation improves hydrothermal status of the soil-crop system and spring maize growth in arid areas. <i>Agricultural Water Management</i> , 2022, 265, 107536.	5.6	18
39	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
40	Incorporation of Pre-treated Straw Improves Soil Aggregate Stability and Increases Crop Productivity. <i>Agronomy Journal</i> , 2017, 109, 2253-2265.	1.8	16
41	Impacts of Satellite-Based Snow Albedo Assimilation on Offline and Coupled Land Surface Model Simulations. <i>PLoS ONE</i> , 2015, 10, e0137275.	2.5	16
42	Limited irrigation and fertilization in sand-layered soil increases nitrogen use efficiency and economic benefits under film mulched ridge-furrow irrigation in arid areas. <i>Agricultural Water Management</i> , 2022, 262, 107406.	5.6	16
43	Responses of canopy characteristics and water use efficiency to ammoniated straw incorporation for summer maize ( <i>Zea mays</i> L.) in the Loess Plateau, China. <i>Agricultural Water Management</i> , 2021, 254, 106948.	5.6	14
44	Reducing the uncertainty of parameters controlling seasonal carbon and water fluxes in Chinese forests and its implication for simulated climate sensitivities. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1344-1366.	4.9	11
45	Spatiotemporal variation of precipitation on a global scale from 1960 to 2016 in a new normalized daily precipitation dataset. <i>International Journal of Climatology</i> , 2022, 42, 3648-3665.	3.5	3
46	Deforestation strengthens atmospheric transport of mineral dust and phosphorus from North Africa to the Amazon. <i>Journal of Climate</i> , 2021, , 1-31.	3.2	1