Yue Li

List of Publications by Year
in descending order

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	Biochar and alternate wetting-drying cycles improving rhizosphere soil nutrients availability and tobacco growth by altering root growth strategy in Ferralsol and Anthrosol. Science of the Total Environment, 2022, 806, 150513.	8.0	19
2	Spatiotemporal variation of precipitation on a global scale from 1960 to 2016 in a new normalized daily precipitation dataset. International Journal of Climatology, 2022, 42, 3648-3665.	3.5	3
3	Phenology determines water use strategies of three economic tree species in the semi-arid Loess Plateau of China. Agricultural and Forest Meteorology, 2022, 312, 108716.	4.8	22
4	Limited irrigation and fertilization in sand-layered soil increases nitrogen use efficiency and economic benefits under film mulched ridge-furrow irrigation in arid areas. Agricultural Water Management, 2022, 262, 107406.	5.6	16
5	Biochar incorporation increases winter wheat (Triticum aestivum L.) production with significantly improving soil enzyme activities at jointing stage. Catena, 2022, 211, 105979.	5.0	19
6	Transparent plastic film combined with deficit irrigation improves hydrothermal status of the soil-crop system and spring maize growth in arid areas. Agricultural Water Management, 2022, 265, 107536.	5.6	18
7	Deforestation-induced climate change reduces carbon storage in remaining tropical forests. Nature Communications, 2022, 13, 1964.	12.8	41
8	Precipitation dominates the transpiration of both the economic forest (Malus pumila) and ecological forest (Robinia pseudoacacia) on the Loess Plateau after about 15 years of water depletion in deep soil. Agricultural and Forest Meteorology, 2021, 297, 108244.	4.8	38
9	Deforestation strengthens atmospheric transport of mineral dust and phosphorus from North Africa to the Amazon. Journal of Climate, 2021, , 1-31.	3.2	1
10	Responses of canopy characteristics and water use efficiency to ammoniated straw incorporation for summer maize (Zea mays L.) in the Loess Plateau, China. Agricultural Water Management, 2021, 254, 106948.	5.6	14
11	Effects of different plastic film mulching on soil hydrothermal conditions and grain-filling process in an arid irrigation district. Science of the Total Environment, 2021, 795, 148886.	8.0	24
12	Local and teleconnected temperature effects of afforestation and vegetation greening in China. National Science Review, 2020, 7, 897-912.	9.5	60
13	Summer soil drying exacerbated by earlier spring greening of northern vegetation. Science Advances, 2020, 6, eaax0255.	10.3	258
14	Biophysical impacts of Earth greening largely controlled by aerodynamic resistance. Science Advances, 2020, 6, .	10.3	67
15	Influence of straw incorporation on soil water utilization and summer maize productivity: A five-year field study on the Loess Plateau of China. Agricultural Water Management, 2020, 233, 106106.	5.6	23
16	Progress in Semi-arid Climate Change Studies in China. Advances in Atmospheric Sciences, 2019, 36, 922-937.	4.3	94
17	The impact of the 2009/2010 drought on vegetation growth and terrestrial carbon balance in Southwest China. Agricultural and Forest Meteorology, 2019, 269-270, 239-248.	4.8	199
18	Joint structural and physiological control on the interannual variation in productivity in a temperate grassland: A dataâ€model comparison. Global Change Biology, 2018, 24, 2965-2979.	9.5	53

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19	Contrasting responses of grassland water and carbon exchanges to climate change between Tibetan Plateau and Inner Mongolia. Agricultural and Forest Meteorology, 2018, 249, 163-175.	4.8	62
20	Spring Snowâ€Albedo Feedback Analysis Over the Third Pole: Results From Satellite Observation and CMIP5 Model Simulations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 750-763.	3.3	17
21	Spatiotemporal pattern of gross primary productivity and its covariation with climate in China over the last thirty years. Global Change Biology, 2018, 24, 184-196.	9.5	177
22	Contributions of Climate Change, CO2, Land-Use Change, and Human Activities to Changes in River Flow across 10 Chinese Basins. Journal of Hydrometeorology, 2018, 19, 1899-1914.	1.9	24
23	Emerging negative impact of warming on summer carbon uptake in northern ecosystems. Nature Communications, 2018, 9, 5391.	12.8	31
24	Global terrestrial stilling: does Earthâ€™s greening play a role?. Environmental Research Letters, 2018, 13, 124013.	5.2	33
25	Changing the retention properties of catchments and their influence on runoff under climate change. Environmental Research Letters, 2018, 13, 094019.	5.2	21
26	Partitioning global land evapotranspiration using CMIP5 models constrained by observations. Nature Climate Change, 2018, 8, 640-646.	18.8	219
27	Divergent hydrological response to large-scale afforestation and vegetation greening in China. Science Advances, 2018, 4, eaar4182.	10.3	287
28	Comment on â€œSatellites reveal contrasting responses of regional climate to the widespread greening of Earthâ€. Science, 2018, 360, .	12.6	19
29	Emergent constraints on projections of declining primary production in the tropical oceans. Nature Climate Change, 2017, 7, 355-358.	18.8	108
30	Regional patterns of future runoff changes from Earth system models constrained by observation. Geophysical Research Letters, 2017, 44, 5540-5549.	4.0	26
31	Climate mitigation from vegetation biophysical feedbacks during the past three decades. Nature Climate Change, 2017, 7, 432-436.	18.8	323
32	Reducing the uncertainty of parameters controlling seasonal carbon and water fluxes in Chinese forests and its implication for simulated climate sensitivities. Global Biogeochemical Cycles, 2017, 31, 1344-1366.	4.9	11
33	Dryland climate change: Recent progress and challenges. Reviews of Geophysics, 2017, 55, 719-778.	23.0	507
34	Incorporation of Preâ€Treated Straw Improves Soil Aggregate Stability and Increases Crop Productivity. Agronomy Journal, 2017, 109, 2253-2265.	1.8	16
35	Greening of the Earth and its drivers. Nature Climate Change, 2016, 6, 791-795.	18.8	1,675
36	Revegetation in Chinaâ€™s Loess Plateau is approaching sustainable water resource limits. Nature Climate Change, 2016, 6, 1019-1022.	18.8	1,270

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37	Evaluating biases in simulated land surface albedo from CMIP5 global climate models. Journal of Geophysical Research D: Atmospheres, 2016, 121, 6178-6190.	3.3	46
38	The contribution of Chinaâ€™s emissions to global climate forcing. Nature, 2016, 531, 357-361.	27.8	214
39	Multicriteria evaluation of discharge simulation in Dynamic Global Vegetation Models. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7488-7505.	3.3	25
40	Evaporative cooling over the Tibetan Plateau induced by vegetation growth. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9299-9304.	7.1	404
41	Dryland expansion in northern China from 1948 to 2008. Advances in Atmospheric Sciences, 2015, 32, 870-876.	4.3	57
42	Spatial patterns of climatological temperature lapse rate in mainland China: A multiâ€“time scale investigation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2661-2675.	3.3	35
43	Leaf onset in the northern hemisphere triggered by daytime temperature. Nature Communications, 2015, 6, 6911.	12.8	384
44	Regional air pollution brightening reverses the greenhouse gases induced warmingâ€elevation relationship. Geophysical Research Letters, 2015, 42, 4563-4572.	4.0	30
45	Detection and attribution of vegetation greening trend in China over the last 30Âyears. Global Change Biology, 2015, 21, 1601-1609.	9.5	597
46	Impacts of Satellite-Based Snow Albedo Assimilation on Offline and Coupled Land Surface Model Simulations. PLoS ONE, 2015, 10, e0137275.	2.5	16