

# Shiping Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,282  
citations

257450

24  
h-index

414414

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen addition amplified water effects on species composition shift and productivity increase. <i>Journal of Plant Ecology</i> , 2021, 14, 816-828.	2.3	7
2	Soil moisture, temperature and nitrogen availability interactively regulate carbon exchange in a meadow steppe ecosystem. <i>Agricultural and Forest Meteorology</i> , 2021, 304-305, 108389.	4.8	8
3	Resistance and resilience of grasslands to drought detected by SIF in inner Mongolia, China. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108567.	4.8	15
4	Attribute parameter characterized the seasonal variation of gross primary productivity ( $\hat{I}\pm\text{GPP}$ ): Spatiotemporal variation and influencing factors. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107774.	4.8	9
5	Reduction of structural impacts and distinction of photosynthetic pathways in a global estimation of GPP from space-borne solar-induced chlorophyll fluorescence. <i>Remote Sensing of Environment</i> , 2020, 240, 111722.	11.0	83
6	Contrasting the Performance of Eight Satellite-Based GPP Models in Water-Limited and Temperature-Limited Grassland Ecosystems. <i>Remote Sensing</i> , 2019, 11, 1333.	4.0	25
7	Changing precipitation exerts greater influence on soil heterotrophic than autotrophic respiration in a semiarid steppe. <i>Agricultural and Forest Meteorology</i> , 2019, 271, 413-421.	4.8	56
8	Asymmetric sensitivity of ecosystem carbon and water processes in response to precipitation change in a semi-arid steppe. <i>Functional Ecology</i> , 2017, 31, 1301-1311.	3.6	84
9	Exacerbated nitrogen limitation ends transient stimulation of grassland productivity by increased precipitation. <i>Ecological Monographs</i> , 2017, 87, 457-469.	5.4	87
10	Nonlinear responses of ecosystem carbon fluxes and water-use efficiency to nitrogen addition in Inner Mongolia grassland. <i>Functional Ecology</i> , 2016, 30, 490-499.	3.6	75
11	The effects of grazing and watering on ecosystem CO <sub>2</sub> fluxes vary by community phenology. <i>Environmental Research</i> , 2016, 144, 64-71.	7.5	11
12	Contrasting diel hysteresis between soil autotrophic and heterotrophic respiration in a desert ecosystem under different rainfall scenarios. <i>Scientific Reports</i> , 2015, 5, 16779.	3.3	19
13	Joint control of terrestrial gross primary productivity by plant phenology and physiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2788-2793.	7.1	265
14	Simulated rain addition modifies diurnal patterns and temperature sensitivities of autotrophic and heterotrophic soil respiration in an arid desert ecosystem. <i>Soil Biology and Biochemistry</i> , 2015, 82, 143-152.	8.8	28
15	Water and nitrogen availability co-control ecosystem CO <sub>2</sub> exchange in a semiarid temperate steppe. <i>Scientific Reports</i> , 2015, 5, 15549.	3.3	18
16	Precipitation Regime Shift Enhanced the Rain Pulse Effect on Soil Respiration in a Semi-Arid Steppe. <i>PLoS ONE</i> , 2014, 9, e104217.	2.5	41
17	Evaluating the influences of measurement time and frequency on soil respiration in a semiarid temperate grassland. <i>Science Bulletin</i> , 2014, 59, 2726-2730.	1.7	2
18	A Comparison of Satellite-Derived Vegetation Indices for Approximating Gross Primary Productivity of Grasslands. <i>Rangeland Ecology and Management</i> , 2014, 67, 9-18.	2.3	30

#	ARTICLE	IF	CITATIONS
19	Net ecosystem productivity of temperate grasslands in northern China: An upscaling study. <i>Agricultural and Forest Meteorology</i> , 2014, 184, 71-81.	4.8	42
20	Satellite-Based Analysis of Evapotranspiration and Water Balance in the Grassland Ecosystems of Dryland East Asia. <i>PLoS ONE</i> , 2014, 9, e97295.	2.5	26
21	Carbon fluxes, evapotranspiration, and water use efficiency of terrestrial ecosystems in China. <i>Agricultural and Forest Meteorology</i> , 2013, 182-183, 76-90.	4.8	211
22	Modelling gross primary production in semi-arid Inner Mongolia using MODIS imagery and eddy covariance data. <i>International Journal of Remote Sensing</i> , 2013, 34, 2829-2857.	2.9	26
23	Water regulated effects of photosynthetic substrate supply on soil respiration in a semiarid steppe. <i>Global Change Biology</i> , 2011, 17, 1990-2001.	9.5	91
24	Increasing water and nitrogen availability enhanced net ecosystem CO <sub>2</sub> assimilation of a temperate semiarid steppe. <i>Plant and Soil</i> , 2011, 349, 227-240.	3.7	42
25	A general predictive model for estimating monthly ecosystem evapotranspiration. <i>Ecohydrology</i> , 2011, 4, 245-255.	2.4	195
26	Differential responses of auto- and heterotrophic soil respiration to water and nitrogen addition in a semiarid temperate steppe. <i>Global Change Biology</i> , 2010, 16, 2345-2357.	9.5	136
27	Dependence of carbon sequestration on the differential responses of ecosystem photosynthesis and respiration to rain pulses in a semiarid steppe. <i>Global Change Biology</i> , 2009, 15, 2450-2461.	9.5	190
28	Poplar plantation has the potential to alter the water balance in semiarid Inner Mongolia. <i>Journal of Environmental Management</i> , 2009, 90, 2762-2770.	7.8	64
29	Energy balance and partition in Inner Mongolia steppe ecosystems with different land use types. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 1800-1809.	4.8	138
30	Cultivation and grazing altered evapotranspiration and dynamics in Inner Mongolia steppes. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 1810-1819.	4.8	73
31	Spatial variability in soil heat flux at three Inner Mongolia steppe ecosystems. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 1433-1443.	4.8	45
32	Comparing physiological responses of two dominant grass species to nitrogen addition in Xilin River Basin of China. <i>Environmental and Experimental Botany</i> , 2005, 53, 65-75.	4.2	140