

Xin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,231
citations

759233

12
h-index

839539

18
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all docs

18
docs citations

18
times ranked

1946
citing authors

#	ARTICLE	IF	CITATIONS
1	Deepened snow cover mitigates soil carbon loss from intensive land use in a semi-arid temperate grassland. <i>Functional Ecology</i> , 2022, 36, 635-645.	3.6	3
2	Dynamic biotic controls of leaf thermoregulation across the diel timescale. <i>Agricultural and Forest Meteorology</i> , 2022, 315, 108827.	4.8	7
3	Deepened snow loosens temporal coupling between plant and microbial N utilization and induces ecosystem N losses. <i>Global Change Biology</i> , 2022, 28, 4655-4667.	9.5	7
4	Canopy processing of N deposition increases short-term leaf N uptake and photosynthesis, but not long-term N retention for aspen seedlings. <i>New Phytologist</i> , 2021, 229, 2601-2610.	7.3	30
5	Deepened snow cover alters biotic and abiotic controls on nitrogen loss during non-growing season in temperate grasslands. <i>Biology and Fertility of Soils</i> , 2021, 57, 165-177.	4.3	10
6	Field evidence reveals conservative water use of poplar saplings under high aerosol conditions. <i>Journal of Ecology</i> , 2021, 109, 2190-2202.	4.0	8
7	Intermediate Aerosol Loading Enhances Photosynthetic Activity of Croplands. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091893.	4.0	19
8	Spectroscopy outperforms leaf trait relationships for predicting photosynthetic capacity across different forest types. <i>New Phytologist</i> , 2021, 232, 134-147.	7.3	19
9	The coordination between leaf and fine root litter decomposition and the difference in their controlling factors. <i>Global Ecology and Biogeography</i> , 2021, 30, 2286-2296.	5.8	54
10	Interactive effects of air pollutants and atmospheric moisture stress on aspen growth and photosynthesis along an urban-rural gradient. <i>Environmental Pollution</i> , 2020, 260, 114076.	7.5	12
11	Ecosystem scale trade-off in nitrogen acquisition pathways. <i>Nature Ecology and Evolution</i> , 2018, 2, 1724-1734.	7.8	66
12	Wind erosion enhanced by land use changes significantly reduces ecosystem carbon storage and carbon sequestration potentials in semiarid grasslands. <i>Land Degradation and Development</i> , 2018, 29, 3469-3478.	3.9	34
13	Field evidences for the positive effects of aerosols on tree growth. <i>Global Change Biology</i> , 2018, 24, 4983-4992.	9.5	64
14	High nighttime humidity and dissolved organic carbon content support rapid decomposition of standing litter in a semi-arid landscape. <i>Functional Ecology</i> , 2017, 31, 1659-1668.	3.6	51
15	Temperature response of soil respiration largely unaltered with experimental warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13797-13802.	7.1	308
16	A cross-biome synthesis of soil respiration and its determinants under simulated precipitation changes. <i>Global Change Biology</i> , 2016, 22, 1394-1405.	9.5	211
17	The interaction between abiotic photodegradation and microbial decomposition under ultraviolet radiation. <i>Global Change Biology</i> , 2015, 21, 2095-2104.	9.5	89
18	Soil respiration under climate warming: differential response of heterotrophic and autotrophic respiration. <i>Global Change Biology</i> , 2014, 20, 3229-3237.	9.5	239