

Junfeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

339
citations

840776

11
h-index

839539

18
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22
all docs

22
docs citations

22
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased productivity in wet years drives a decline in ecosystem stability with nitrogen additions in arid grasslands. <i>Ecology</i> , 2017, 98, 1779-1786.	3.2	47
2	Cloning and Functional Analysis of Geraniol 10-Hydroxylase, a Cytochrome P450 from <i>Swertia musсотii</i> Franch. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1583-1590.	1.3	41
3	Responses of soil N ₂ O emissions and their abiotic and biotic drivers to altered rainfall regimes and co-occurring wet N deposition in a semi-arid grassland. <i>Global Change Biology</i> , 2021, 27, 4894-4908.	9.5	40
4	Summer drought decreases <i>Leymus chinensis</i> productivity through constraining the bud, tiller and shoot production. <i>Journal of Agronomy and Crop Science</i> , 2019, 205, 554-561.	3.5	25
5	1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine Induced Parkinson's Disease in Mouse: Potential Association between Neurotransmitter Disturbance and Gut Microbiota Dysbiosis. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3366-3376.	3.5	25
6	Seed production, mass, germinability, and subsequent seedling growth responses to parental warming environment in <i>Leymus chinensis</i> . <i>Crop and Pasture Science</i> , 2012, 63, 87.	1.5	23
7	Introgression of <i>Swertia musсотii</i> gene into <i>Bupleurum scorzoniferifolium</i> via somatic hybridization. <i>BMC Plant Biology</i> , 2011, 11, 71.	3.6	21
8	Pollution characteristics, sources and health risk of metals in urban dust from different functional areas in Nanjing, China. <i>Environmental Research</i> , 2021, 201, 111607.	7.5	20
9	Fall nitrogen application increases seed yield, forage yield and nitrogen use efficiency more than spring nitrogen application in <i>Leymus chinensis</i> , a perennial grass. <i>Field Crops Research</i> , 2017, 214, 66-72.	5.1	19
10	The Influence of Precipitation Regimes and Elevated CO ₂ on Photosynthesis and Biomass Accumulation and Partitioning in Seedlings of the Rhizomatous Perennial Grass <i>Leymus chinensis</i> . <i>PLoS ONE</i> , 2014, 9, e103633.	2.5	14
11	Impacts of Fall Nitrogen Application on Seed Production in <i>Leymus chinensis</i> , a Rhizomatous Perennial Grass. <i>Agronomy Journal</i> , 2013, 105, 1378-1384.	1.8	13
12	Trade-offs and synergies between seed yield, forage yield, and N-related disservices for a semi-arid perennial grassland under different nitrogen fertilization strategies. <i>Biology and Fertility of Soils</i> , 2019, 55, 497-509.	4.3	11
13	Nitrogen addition increases sexual reproduction and improves seedling growth in the perennial rhizomatous grass <i>Leymus chinensis</i> . <i>BMC Plant Biology</i> , 2020, 20, 106.	3.6	10
14	Productivity of <i>Leymus chinensis</i> grassland is co-limited by water and nitrogen and resilient to climate change. <i>Plant and Soil</i> , 2022, 474, 411-422.	3.7	9
15	Moderately prolonged dry intervals between precipitation events promote production in <i>Leymus chinensis</i> in a semi-arid grassland of Northeast China. <i>BMC Plant Biology</i> , 2021, 21, 147.	3.6	5
16	Rhizomes Help the Forage Grass <i>Leymus chinensis</i> to Adapt to the Salt and Alkali Stresses. <i>Scientific World Journal</i> , The, 2014, 2014, 1-15.	2.1	4
17	Larger Seed Size Shows Less Germination and Seedling Growth Decline Caused by Seed Ageing under Na ₂ CO ₃ Stress in <i>Leymus chinensis</i> . <i>Agronomy Journal</i> , 2019, 111, 2326-2331.	1.8	4
18	Rainfall-associated chronic N deposition induces higher soil N ₂ O emissions than acute N inputs in a semi-arid grassland. <i>Agricultural and Forest Meteorology</i> , 2021, 304-305, 108434.	4.8	3

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19	Improved Utilization of Nitrate Nitrogen Through Within-Leaf Nitrogen Allocation Trade-Offs in <i>Leymus chinensis</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 870681.	3.6	3
20	The tolerance of growth and clonal propagation of <i>Phragmites australis</i> (common reeds) subjected to lead contamination under elevated CO ₂ conditions. <i>RSC Advances</i> , 2015, 5, 55527-55535.	3.6	1
21	Nitrogen deposition magnifies destabilizing effects of plant functional group loss. <i>Science of the Total Environment</i> , 2022, 835, 155419.	8.0	1
22	Irrigation and Nitrogen Application Promote Population Density through Altered Bud Bank Size and Components in <i>Leymus chinensis</i> . <i>Agronomy</i> , 2022, 12, 1436.	3.0	0