

# Chunsheng Mu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4108707/publications.pdf>

Version: 2024-02-01

23  
papers

449  
citations

840776

11  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Responses of soil N <sub>2</sub> 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
5	Larger Seed Size Shows Less Germination and Seedling Growth Decline Caused by Seed Ageing under Na <sub>2</sub> CO <sub>3</sub> Stress in <i>Leymus chinensis</i> . <i>Agronomy Journal</i> , 2019, 111, 2326-2331.	1.8	4
6	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
7	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
8	Resistance strategies of <i>Phragmites australis</i> (common reed) to Pb pollution in flood and drought conditions. <i>PeerJ</i> , 2018, 6, e4188.	2.0	5
9	Strategies for lead distribution in organs of <i>Phragmites australis</i> (Cav.) Trin. ex Steud. (Common reed) subjected to Pb pollution in flood and drought environments. <i>Hydrobiologia</i> , 2018, 819, 53-66.	2.0	1
10	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
11	Effects of arbuscular mycorrhizal fungi on the growth, photosynthesis and photosynthetic pigments of <i>Leymus chinensis</i> seedlings under salt-alkali stress and nitrogen deposition. <i>Science of the Total Environment</i> , 2017, 576, 234-241.	8.0	152
12	Salt-alkali tolerance during germination and establishment of <i>Leymus chinensis</i> in the Songnen Grassland of China. <i>Ecological Engineering</i> , 2016, 95, 763-769.	3.6	26
13	Optimum harvest maturity for <i>Leymus chinensis</i> seed. <i>Biology Open</i> , 2016, 5, 720-725.	1.2	4
14	Lemmas induce dormancy but help the seed of <i>Leymus chinensis</i> to resist drought and salinity conditions in Northeast China. <i>PeerJ</i> , 2016, 4, e1485.	2.0	8
15	Responses of two contrasting saline-alkaline grassland communities to nitrogen addition during early secondary succession. <i>Journal of Vegetation Science</i> , 2015, 26, 686-696.	2.2	18
16	The tolerance of growth and clonal propagation of <i>Phragmites australis</i> (common reeds) subjected to lead contamination under elevated CO <sub>2</sub> conditions. <i>RSC Advances</i> , 2015, 5, 55527-55535.	3.6	1
17	The Influence of Precipitation Regimes and Elevated CO <sub>2</sub> 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
18	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

#	ARTICLE	IF	CITATIONS
19	EFFECT OF ALKALINE POTASSIUM AND SODIUM SALTS ON GROWTH, PHOTOSYNTHESIS, IONS ABSORPTION AND SOLUTES SYNTHESIS OF WHEAT SEEDLINGS. <i>Experimental Agriculture</i> , 2014, 50, 144-157.	0.9	14
20	SALT AND ALKALI STRESSES EFFECTS ON CONTENTS OF ORGANIC ACIDS COMPONENTS IN WHEAT SEEDLINGS. <i>Journal of Plant Nutrition</i> , 2013, 36, 1056-1064.	1.9	4
21	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
22	Physiological responses and adaptive strategies of wheat seedlings to salt and alkali stresses. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 680-684.	1.9	22
23	Optimum Harvest Time of <i>Vicia cracca</i> in Relation to High Seed Quality during Pod Development. <i>Crop Science</i> , 2008, 48, 709-715.	1.8	19