Lixin Xu

List of Publications by Year
in descending order

20 papers	515 citations	759233 12 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	577 citing authors

#	Article	IF	Citations
1	Analysis of transcripts and splice isoforms in red clover (Trifolium pratense L.) by single-molecule long-read sequencing. BMC Plant Biology, 2018, 18, 300.	3.6	94
2	Antioxidant Enzyme Activities and Gene Expression Patterns in Leaves of Kentucky Bluegrass in Response to Drought and Post-drought Recovery. Journal of the American Society for Horticultural Science, 2011, 136, 247-255.	1.0	92
3	Photosynthetic enzyme activities and gene expression associated with drought tolerance and post-drought recovery in Kentucky bluegrass. Environmental and Experimental Botany, 2013, 89, 28-35.	4.2	59
4	Membrane Fatty Acid Composition and Saturation Levels Associated with Leaf Dehydration Tolerance and Postâ€Drought Rehydration in Kentucky Bluegrass. Crop Science, 2011, 51, 273-281.	1.8	57
5	Analysis of transcripts and splice isoforms in Medicago sativa L. by single-molecule long-read sequencing. Plant Molecular Biology, 2019, 99, 219-235.	3.9	38
6	Antioxidant and Hormone Responses to Heat Stress in Two Kentucky Bluegrass Cultivars Contrasting in Heat Tolerance. Journal of the American Society for Horticultural Science, 2014, 139, 587-596.	1.0	22
7	Epichloe endophyte infection improved drought and heat tolerance of tall fescue through altered antioxidant enzyme activity. European Journal of Horticultural Science, 2017, 82, 90-97.	0.7	20
8	Improved Heat Tolerance through Drought Preconditioning Associated with Changes in Lipid Composition, Antioxidant Enzymes, and Protein Expression in Kentucky Bluegrass. Crop Science, 2012, 52, 807-817.	1.8	19
9	Antioxidant responses to waterlogging stress and subsequent recovery in two Kentucky bluegrass (Poa pratensis L.) cultivars. Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	19
10	Protective effect of exogenous spermidine on ion and polyamine metabolism in Kentucky bluegrass under salinity stress. Horticulture Environment and Biotechnology, 2016, 57, 11-19.	2.1	17
11	Functional and RNA-Sequencing Analysis Revealed Expression of a Novel Stay-Green Gene from Zoysia japonica (ZjSGR) Caused Chlorophyll Degradation and Accelerated Senescence in Arabidopsis. Frontiers in Plant Science, 2016, 7, 1894.	3.6	16
12	Cold Acclimation Treatmentâ€“induced Changes in Abscisic Acid, Cytokinin, and Antioxidant Metabolism in Zoysiagrass (Zoysia japonica). Hortscience: A Publication of the American Society for Hortcultural Science, 2015, 50, 1075-1080.	1.0	13
13	Ethephon Seed Treatment Impacts on Drought Tolerance of Kentucky Bluegrass Seedlings. HortTechnology, 2018, 28, 319-326.	0.9	12
14	Functional Characterization of the Pheophytinase Gene, ZjPPH, From Zoysia japonica in Regulating Chlorophyll Degradation and Photosynthesis. Frontiers in Plant Science, 2021, 12, 786570.	3.6	9
15	Overexpression of Gene in Transgenic : Impacts on Osmotic Adjustment and Hormone Metabolism under Drought. Itsrj, 2017, 13, 527.	0.3	7
16	Transcriptome Analysis Revealed a Positive Role of Ethephon on Chlorophyll Metabolism of Zoysia japonica under Cold Stress. Plants, 2022, 11, 442.	3.5	7
17	Transcriptome analysis of Kentucky bluegrass subject to drought and ethephon treatment. PLoS ONE, 2021, 16, e0261472.	2.5	7
18	Expression of a NGATHA1 Gene from Medicago truncatula Delays Flowering Time and Enhances Stress Tolerance. International Journal of Molecular Sciences, 2020, 21, 2384.	4.1	4

#	Article	IF	Citations
19	Exogenous silicon application contributes to wear resistance in Kentucky bluegrass by improving anatomical structure and cell wall components. European Journal of Horticultural Science, 2019, 84, 91-98.	0.7	2
20	Ethephon treatment reduced Mondo grass (Ophiopogon japonicus) gas exchange rate and gene expression of Rbcs. European Journal of Horticultural Science, 2019, 84, 106-112.	0.7	1