

Lixin Xu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

515
citations

759233

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome Analysis Revealed a Positive Role of Ethephon on Chlorophyll Metabolism of <i>Zoysia japonica</i> under Cold Stress. <i>Plants</i> , 2022, 11, 442.	3.5	7
2	Transcriptome analysis of Kentucky bluegrass subject to drought and ethephon treatment. <i>PLoS ONE</i> , 2021, 16, e0261472.	2.5	7
3	Functional Characterization of the Pheophytinase Gene, ZjPPH, From <i>Zoysia japonica</i> in Regulating Chlorophyll Degradation and Photosynthesis. <i>Frontiers in Plant Science</i> , 2021, 12, 786570.	3.6	9
4	Expression of a NGATHA1 Gene from <i>Medicago truncatula</i> Delays Flowering Time and Enhances Stress Tolerance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2384.	4.1	4
5	Analysis of transcripts and splice isoforms in <i>Medicago sativa</i> L. by single-molecule long-read sequencing. <i>Plant Molecular Biology</i> , 2019, 99, 219-235.	3.9	38
6	Exogenous silicon application contributes to wear resistance in Kentucky bluegrass by improving anatomical structure and cell wall components. <i>European Journal of Horticultural Science</i> , 2019, 84, 91-98.	0.7	2
7	Ethephon treatment reduced Mondo grass (<i>Ophiopogon japonicus</i>) gas exchange rate and gene expression of Rbcs. <i>European Journal of Horticultural Science</i> , 2019, 84, 106-112.	0.7	1
8	Analysis of transcripts and splice isoforms in red clover (<i>Trifolium pratense</i> L.) by single-molecule long-read sequencing. <i>BMC Plant Biology</i> , 2018, 18, 300.	3.6	94
9	Ethephon Seed Treatment Impacts on Drought Tolerance of Kentucky Bluegrass Seedlings. <i>HortTechnology</i> , 2018, 28, 319-326.	0.9	12
10	Overexpression of Gene in Transgenic : Impacts on Osmotic Adjustment and Hormone Metabolism under Drought. <i>Itsrsj</i> , 2017, 13, 527.	0.3	7
11	Epichloe endophyte infection improved drought and heat tolerance of tall fescue through altered antioxidant enzyme activity. <i>European Journal of Horticultural Science</i> , 2017, 82, 90-97.	0.7	20
12	Functional and RNA-Sequencing Analysis Revealed Expression of a Novel Stay-Green Gene from <i>Zoysia japonica</i> (ZjSGR) Caused Chlorophyll Degradation and Accelerated Senescence in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1894.	3.6	16
13	Protective effect of exogenous spermidine on ion and polyamine metabolism in Kentucky bluegrass under salinity stress. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 11-19.	2.1	17
14	Antioxidant responses to waterlogging stress and subsequent recovery in two Kentucky bluegrass (<i>Poa pratensis</i> L.) cultivars. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	19
15	Cold Acclimation Treatment-induced Changes in Abscisic Acid, Cytokinin, and Antioxidant Metabolism in Zoysiagrass (<i>Zoysia japonica</i>). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1075-1080.	1.0	13
16	Antioxidant and Hormone Responses to Heat Stress in Two Kentucky Bluegrass Cultivars Contrasting in Heat Tolerance. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 587-596.	1.0	22
17	Photosynthetic enzyme activities and gene expression associated with drought tolerance and post-drought recovery in Kentucky bluegrass. <i>Environmental and Experimental Botany</i> , 2013, 89, 28-35.	4.2	59
18	Improved Heat Tolerance through Drought Preconditioning Associated with Changes in Lipid Composition, Antioxidant Enzymes, and Protein Expression in Kentucky Bluegrass. <i>Crop Science</i> , 2012, 52, 807-817.	1.8	19

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19	Membrane Fatty Acid Composition and Saturation Levels Associated with Leaf Dehydration Tolerance and Post-Drought Rehydration in Kentucky Bluegrass. <i>Crop Science</i> , 2011, 51, 273-281.	1.8	57
20	Antioxidant Enzyme Activities and Gene Expression Patterns in Leaves of Kentucky Bluegrass in Response to Drought and Post-drought Recovery. <i>Journal of the American Society for Horticultural Science</i> , 2011, 136, 247-255.	1.0	92