Membrane Fatty Acid Composition and Saturation Leve Tolerance and Postâ€Drought Rehydration in Kentucky

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#	Article	IF	Citations
1	Growth and Physiological Recovery of Kentucky Bluegrass from Drought Stress as Affected by a Synthetic Cytokinin 6â€Benzylaminopurine. Crop Science, 2012, 52, 2332-2340.	1.8	13
2	Proteins and Metabolites Regulated by Trinexapac-ethyl in Relation to Drought Tolerance in Kentucky Bluegrass. Journal of Plant Growth Regulation, 2012, 31, 25-37.	5.1	20
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	Transgenic poplar â€œNL895â€•expressing CpFATB gene shows enhanced tolerance to drought stress. Acta Physiologiae Plantarum, 2013, 35, 603-613.	2.1	10
5	Accumulation of eicosapolyenoic acids enhances sensitivity to abscisic acid and mitigates the effects of drought in transgenic Arabidopsis thaliana. Journal of Experimental Botany, 2014, 65, 1637-1649.	4.8	16
6	Research Advances in Mechanisms of Turfgrass Tolerance to Abiotic Stresses: From Physiology to Molecular Biology. Critical Reviews in Plant Sciences, 2014, 33, 141-189.	5.7	162
7	Impact of UV-B on drought- or cadmium-induced changes in the fatty acid composition of membrane lipid fractions in wheat. Ecotoxicology and Environmental Safety, 2014, 108, 129-134.	6.0	22
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9	¹H NMR and GC-MS Based Metabolomics Reveal Defense and Detoxification Mechanism of Cucumber Plant under Nano-Cu Stress. Environmental Science & Technology, 2016, 50, 2000-2010.	10.0	194
10	Integrating High-Resolution and Solid-State Magic Angle Spinning NMR Spectroscopy and a Transcriptomic Analysis of Soybean Tissues in Response to Water Deficiency. Phytochemical Analysis, 2017, 28, 529-540.	2.4	6
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13	Environmental alterations in biofuel generating molecules in Zilla spinosa. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2017, 72, 77-91.	1.4	1
14	Metabolomic analysis of two rice (Oryza sativa) varieties exposed to 2, 2â€², 4, 4â€²-tetrabromodiphenyl ether. Environmental Pollution, 2018, 237, 308-317.	7.5	41
15	Enhanced stolon growth and metabolic adjustment in creeping bentgrass with elevated CO2 concentration. Environmental and Experimental Botany, 2018, 155, 87-97.	4.2	19
16	Ethephon Seed Treatment Impacts on Drought Tolerance of Kentucky Bluegrass Seedlings. HortTechnology, 2018, 28, 319-326.	0.9	12
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18	Mycorrhizas enhance drought tolerance of citrus by altering root fatty acid compositions and their saturation levels. Tree Physiology, 2019, 39, 1149-1158.	3.1	91

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20	Kentucky Bluegrass Performance Under Chronic Drought Stress. Crop, Forage and Turfgrass Management, 2019, 5, 180089.	0.6	6
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31	A Review on Kentucky Bluegrass Responses and Tolerance to Drought Stress. , 0, , .		2
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40	Transcriptome analysis of Kentucky bluegrass subject to drought and ethephon treatment. PLoS ONE, 2021, 16, e0261472.	2.5	7
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43	3-Oxoacyl acyl carrier protein reductase overexpression reveals its unprecedented roles in biofuel production and high-temperature tolerance in diatom. Fuel, 2022, 325, 124844.	6.4	8
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54	Chromium Dynamics in the Soil-Plant Continuum. Environmental Science and Engineering, 2023, , 167-189.	0.2	0
55	Tomato plant growth promotion and drought tolerance conferred by three arbuscular mycorrhizal fungi is mediated by lipid metabolism. Plant Physiology and Biochemistry, 2024, 208, 108478.	5.8	0

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56	Differential drought tolerance among dichondra (Dichondra repens) genotypes in relation to alterations in chlorophyll metabolism, osmotic adjustment, and accumulation of organic metabolites. Protoplasma, 0, , .	2.1	0
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