5-Aminolevulinic acid modulates antioxidant defense sy drought-induced damage in Kentucky bluegrass seedlin

Protoplasma

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Citation Report

#	Article	IF	Citations
1	Exogenous application of 5-aminolevulinic acid on wheat seedlings under drought stress enhances the transcription of psbA and psbD genes and improves photosynthesis. Revista Brasileira De Botanica, 2018, 41, 275-285.	1.3	29
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3	The positive effects of exogenous 5-aminolevulinic acid on the chlorophyll biosynthesis, photosystem and calvin cycle of Kentucky bluegrass seedlings in response to osmotic stress. Environmental and Experimental Botany, 2018, 155, 260-271.	4.2	38
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10	5-aminolevulinic acid-mediated plant adaptive responses to abiotic stress. Plant Cell Reports, 2021, 40, 1451-1469.	5.6	35
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12	Comparison and Characterization of Oxidation Resistance and Carbohydrate Content in Cd-Tolerant and -Sensitive Kentucky Bluegrass under Cd Stress. Agronomy, 2021, 11, 2358.	3.0	10
13	Advances in 5-Aminolevulinic Acid Priming to Enhance Plant Tolerance to Abiotic Stress. International Journal of Molecular Sciences, 2022, 23, 702.	4.1	30
14	Assessing the potential of native ecotypes of Poa pratensis L. for forage yield and phytochemical compositions under water deficit conditions. Scientific Reports, 2022, 12, 1121.	3.3	4
15	5-Aminolevulinic Acid and 24-Epibrassinolide Improve the Drought Stress Resilience and Productivity of Banana Plants. Plants, 2022, 11, 743.	3.5	14
16	Exogenous Melatonin Alleviates Alkaline Stress by Removing Reactive Oxygen Species and Promoting Antioxidant Defence in Rice Seedlings. Frontiers in Plant Science, 2022, 13, 849553.	3.6	15
17	Protective effects of 5-aminolevulinic acid against toxicity induced by alpha-cypermethrin to the liver-gut-microbiota axis in zebrafish. Ecotoxicology and Environmental Safety, 2022, 234, 113422.	6.0	5
18	Exogenous application of 5-aminolevulinic acid alleviated damage to wheat chloroplast ultrastructure under drought stress by transcriptionally regulating genes correlated with photosynthesis and chlorophyll biosynthesis. Acta Physiologiae Plantarum, 2022, 44, 1.	2.1	6

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19	Physiological Mechanism of Exogenous 5-Aminolevulinic Acid Improved the Tolerance of Chinese Cabbage (Brassica pekinensis L.) to Cadmium Stress. Frontiers in Plant Science, 2022, 13, .	3.6	5
20	5-Aminolevulinic acid promotes low-light tolerance by regulating chloroplast ultrastructure, photosynthesis, and antioxidant capacity in tall fescue. Plant Physiology and Biochemistry, 2022, 190, 248-261.	5.8	5
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23	24-epibrassinolide improves cadmium tolerance and lateral root growth associated with regulating endogenous auxin and ethylene in Kentucky bluegrass. Ecotoxicology and Environmental Safety, 2023, 249, 114460.	6.0	2
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