

Effects of Cytokinin and Potassium on Stomatal and Ph Bluegrass from Drought Stress

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of drought and heat stresses on plant growth and yield: a review. <i>International Agrophysics</i> , 2013, 27, 463-477.	1.7	360
2	Regulation of potassium transport in plants under hostile conditions: implications for abiotic and biotic stress tolerance. <i>Physiologia Plantarum</i> , 2014, 151, 257-279.	5.2	534
3	Nitrogen metabolism and gas exchange parameters associated with zinc stress in tobacco expressing an ipt gene for cytokinin synthesis. <i>Journal of Plant Physiology</i> , 2014, 171, 559-564.	3.5	44
4	Comparison of photosynthesis and antioxidative protection in <i>Sophora moorcroftiana</i> and <i>Caragana maximovicziana</i> under water stress. <i>Journal of Arid Land</i> , 2014, 6, 637-645.	2.3	9
5	RNA-seq Reveals Complicated Transcriptomic Responses to Drought Stress in a Nonmodel Tropic Plant, <i>Bombax ceiba</i> L.. <i>Evolutionary Bioinformatics</i> , 2015, 11s1, EBO.S20620.	1.2	14
6	The importance of soil drying and re-wetting in crop phytohormonal and nutritional responses to deficit irrigation. <i>Journal of Experimental Botany</i> , 2015, 66, 2239-2252.	4.8	103
7	Rice Xa21 primed genes and pathways that are critical for combating bacterial blight infection. <i>Scientific Reports</i> , 2015, 5, 12165.	3.3	36
8	Modulation of zinc-induced oxidative damage in <i>Solanum melongena</i> by 6-benzylaminopurine involves ascorbate-glutathione cycle metabolism. <i>Environmental and Experimental Botany</i> , 2015, 116, 1-11.	4.2	34
9	Fixed allocation patterns, rather than plasticity, benefit recruitment and recovery from drought in seedlings of a desert shrub. <i>AoB PLANTS</i> , 2016, 8, .	2.3	6
10	Chemical Priming-Induced Drought Stress Tolerance in Plants. , 2016, , 77-103.		11
11	Nitrogen fertility and abiotic stresses management in cotton crop: a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14551-14566.	5.3	103
12	Herbivore perception decreases photosynthetic carbon assimilation and reduces stomatal conductance by engaging 12-oxo-phytodienoic acid, mitogen-activated protein kinase 4 and cytokinin perception. <i>Plant, Cell and Environment</i> , 2017, 40, 1039-1056.	5.7	29
13	Overexpression of a chrysanthemum transcription factor gene DgNAC1 improves drought tolerance in chrysanthemum. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 135, 119-132.	2.3	17
14	Roles of nitrogen and cytokinin signals in root and shoot communications in maximizing of plant productivity and their agronomic applications. <i>Plant Science</i> , 2018, 274, 320-331.	3.6	87
15	Biochemical and physiological impacts of zinc sulphate, potassium phosphite and hydrogen sulphide in mitigating stress conditions in soybean. <i>Physiologia Plantarum</i> , 2020, 168, 456-472.	5.2	21
16	Biosynthesis and Signal Transduction of ABA, JA, and BRs in Response to Drought Stress of Kentucky Bluegrass. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1289.	4.1	59
17	Potassium Uptake and Transport in Apple Roots Under Drought Stress. <i>Horticultural Plant Journal</i> , 2019, 5, 10-16.	5.0	38
18	Do plants respond and recover from a combination of drought and heatwave in the same manner under adequate and deprived soil nutrient conditions?. <i>Plant Science</i> , 2020, 291, 110333.	3.6	7

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19	Molecular priming as an approach to induce tolerance against abiotic and oxidative stresses in crop plants. <i>Biotechnology Advances</i> , 2020, 40, 107503.	11.7	144
20	The Impact of Drought in Plant Metabolism: How to Exploit Tolerance Mechanisms to Increase Crop Production. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5692.	2.5	281
21	Leaf gas exchange recovery of soybean from water-deficit stress. <i>Journal of Crop Improvement</i> , 2020, 34, 785-799.	1.7	3
22	Role and Regulation of Cytokinins in Plant Response to Drought Stress. <i>Plants</i> , 2020, 9, 422.	3.5	75
23	Application of abscisic acid and 6-benzylaminopurine modulated morpho-physiological and antioxidative defense responses of tomato (<i>Solanum lycopersicum</i> L.) by minimizing cobalt uptake. <i>Chemosphere</i> , 2021, 263, 128169.	8.2	88
24	Roles of Phytohormones and Their Signaling Pathways in Leaf Development and Stress Responses. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3566-3584.	5.2	74
25	Plant aquaporins: A frontward to make crop plants drought resistant. <i>Physiologia Plantarum</i> , 2021, 172, 1089-1105.	5.2	30
26	ABA-induced stomatal movements in vascular plants during dehydration and rehydration. <i>Environmental and Experimental Botany</i> , 2021, 186, 104436.	4.2	49
27	Entangling the interaction between essential and nonessential nutrients: implications for global food security. , 2022, , 1-25.		0
28	Influence of Drought and High Temperature on the Physiological Response and Yield in Hot Pepper. <i>Journal of Environmental Science International</i> , 2018, 27, 251-259.	0.2	2
29	Experimental assessment of influence of soil moisture on the ¹³⁷ Cs accumulation in shoots of spring wheat. <i>Vestsi Natsyianal'nai Akademii Navuk Belarusi Seryia Biilahichnykh Navuk</i> , 2020, 65, 229-238.	0.1	1
30	Root system architectural and growth responses of crop plants to mineral nutrition under moisture stress and its implications in drought tolerance. , 2022, , 171-207.		2
32	Inoculation of <i>Azospirillum brasilense</i> and exogenous application of trans-zeatin riboside alleviates arsenic induced physiological damages in wheat (<i>Triticum aestivum</i>). <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	13
34	Foliar brassinosteroid analogue (DI-31) sprays increase drought tolerance by improving plant growth and photosynthetic efficiency in lulo plants. <i>Heliyon</i> , 2022, 8, e08977.	3.2	11
35	Hormonal Profiling of Encapsulated and Nonencapsulated Rhizomes of Chinese Cymbidium in Different Storage Environments. <i>Journal of Plant Growth Regulation</i> , 0, , 1.	5.1	0
36	Differences in wood anatomy and chemistry of an <i>E. urophylla</i> clone explained by site climate conditions. <i>Canadian Journal of Forest Research</i> , 0, , .	1.7	0
37	Coupled modelling of hydrological processes and grassland production in two contrasting climates. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2277-2299.	4.9	4
38	Melatonin alleviates the adverse effects of water stress in adult olive cultivars (<i>Olea europea</i> cv.) Tj ETQq1 1 0.784314 rgBT /Qoverlock 10 5.6 20		

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39	Salinity Tolerance of Halophytic Grass <i>Puccinellia nuttalliana</i> Is Associated with Enhancement of Aquaporin-Mediated Water Transport by Sodium. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5732.	4.1	4
40	Contribution of the leaf and silique photosynthesis to the seeds yield and quality of oilseed rape (<i>Brassica napus</i> L.) in reproductive stage. <i>Scientific Reports</i> , 2023, 13, .	3.3	2
41	Molecular Basis of Plant Adaptation against Aridity. , 0, , .		1
42	Evaluation of phenotypic and photosynthetic indices to detect water stress in perennial grass species using hyperspectral, multispectral and chlorophyll fluorescence imaging. <i>Grass Research</i> , 2023, 3, 0-0.	1.7	0
43	Biochar amendment combined with partial root-zone drying irrigation alleviates salinity stress and improves root morphology and water use efficiency in cotton plant. <i>Science of the Total Environment</i> , 2023, 904, 166978.	8.0	1
45	Abscisic acid, and abscisic acid-induced water stress tolerance in mycorrhizal herbaceous and olive (<i>Olea europaea</i>) plants. <i>Lilloa</i> , 0, , 105-123.	0.1	0
46	Effect of organic and synthetic mulches on some morpho-physiological and yield parameters of "Zardâ"™ olive cultivar subjected to three irrigation levels in field conditions. <i>South African Journal of Botany</i> , 2023, 162, 749-760.	2.5	1
47	Effects of Drought Stress on Agricultural Plants, and Molecular Strategies for Drought Tolerant Crop Development. <i>Environmental Science and Engineering</i> , 2023, , 267-287.	0.2	0
48	Genetic variation and response to selection of photosynthetic and forage characteristics in Kentucky bluegrass (<i>Poa pratensis</i> L.) ecotypes under drought conditions. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	0
49	Effect of Different Macronutrient Supply Levels on the Drought Tolerance of Rainfed Grass Based on Biomass Production, Water Use Efficiency and Macroelement Content. <i>Horticulturae</i> , 2023, 9, 1337.	2.8	0
50	<i>Eucalyptus urograndis</i> physiological and hormonal changes under drought conditions in response to trinexapac-ethyl. <i>Environmental and Experimental Botany</i> , 2024, 219, 105628.	4.2	0
51	The Modification of Abscisic Acid and Cytokinin Signaling with Genome Editing to Increase Plant Drought Tolerance. <i>Physiology</i> , 0, , .	10.0	0
52	Effect of 6-benzyladenine on soybean seed germination under salt stress and establishment of stress grade prediction model. <i>Plant Stress</i> , 2024, 11, 100388.	5.5	0