

Reactive oxygen species, antioxidant enzyme activities
leaves and roots of Kentucky bluegrass in response to d

Scientia Horticulturae

120, 264-270

DOI: [10.1016/j.scienta.2008.10.014](https://doi.org/10.1016/j.scienta.2008.10.014)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Antioxidant response of wheat roots to drought acclimation. <i>Protoplasma</i> , 2010, 245, 153-163.	2.1	91
2	Lipid peroxidation, chloroplastic pigments and antioxidant strategies in <i>Carapa guianensis</i> (Aubl.) subjected to water-deficit and short-term rewetting. <i>Trees - Structure and Function</i> , 2010, 24, 275-283.	1.9	16
3	The timing of methyl jasmonate, hydrogen peroxide and ascorbate accumulation during water deficit and subsequent recovery in the Mediterranean shrub <i>Cistus albidus</i> L. <i>Environmental and Experimental Botany</i> , 2010, 69, 47-55.	4.2	39
4	Redox regulation of water stress responses in field-grown plants. Role of hydrogen peroxide and ascorbate. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 351-358.	5.8	93
5	Regulation of growth response to water stress in the soybean primary root. I. Proteomic analysis reveals region-specific regulation of phenylpropanoid metabolism and control of free iron in the elongation zone. <i>Plant, Cell and Environment</i> , 2010, 33, 223-243.	5.7	158
6	Differential responses between mature and young leaves of sunflower plants to oxidative stress caused by water deficit. <i>Ciencia Rural</i> , 2010, 40, 1290-1294.	0.5	19
7	Expression Pattern of Two Dehydroascorbate Reductase Genes from Tomato (<i>Solanum lycopersicum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 668-676.	0.9	7
8	Regulation of the Ascorbate-Glutathione Cycle in Plants Under Drought Stress. , 2010, , 137-189.		13
9	Plant responses to drought and rewatering. <i>Plant Signaling and Behavior</i> , 2010, 5, 649-654.	2.4	427
10	Ascorbate-Glutathione Pathway and Stress Tolerance in Plants. , 2010, , .		72
11	Toxic effect of NaCl on ion metabolism, antioxidative enzymes and gene expression of perennial ryegrass. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2050-2056.	6.0	73
12	Preconditioning Alters Antioxidative Enzyme Responses in Rice Seedlings to Water Stress. <i>Procedia Environmental Sciences</i> , 2011, 11, 1346-1351.	1.4	18
13	Functional studies on two catalase genes from tomato (<i>Solanum lycopersicum</i> L.). <i>Journal of Horticultural Science and Biotechnology</i> , 2011, 86, 84-90.	1.9	6
14	Natural variation of drought response in <i>Brachypodium distachyon</i> . <i>Physiologia Plantarum</i> , 2011, 141, 19-29.	5.2	67
15	Antioxidant responses and gene expression in perennial ryegrass (<i>Lolium perenne</i> L.) under cadmium stress. <i>Ecotoxicology</i> , 2011, 20, 770-778.	2.4	75
16	CaCl ₂ improves post-drought recovery potential in <i>Camellia sinensis</i> (L) O. Kuntze. <i>Plant Cell Reports</i> , 2011, 30, 495-503.	5.6	71
17	Effect of drought and rewatering on the cellular status and antioxidant response of <i>Medicago truncatula</i> plants. <i>Plant Signaling and Behavior</i> , 2011, 6, 270-277.	2.4	103
18	A study of the antioxidants in <i>Oxytropis pilosa</i> (L.) DC.. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 505-512.	0.8	5

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19	Physiological Response, Cell Wall Components, and Gene Expression of Switchgrass under Shortâ€Term Drought Stress and Recovery. <i>Crop Science</i> , 2012, 52, 2718-2727.	1.8	28
20	The Effect of Different Drought Stress on Antioxidant Enzymes and Lipid Peroxidation on <i>Zoysia japonica</i> . <i>Advanced Materials Research</i> , 2012, 518-523, 5489-5492.	0.3	1
21	De-submergence responses of antioxidative defense systems in two wetland plants having escape and quiescence strategies. <i>Journal of Plant Physiology</i> , 2012, 169, 1680-1689.	3.5	23
22	Regulation of root water uptake under abiotic stress conditions. <i>Journal of Experimental Botany</i> , 2012, 63, 43-57.	4.8	487
23	Enzymatic reactive oxygen species (ROS) scavenging system in mango varieties resistant and susceptible to malformation. <i>Scientia Horticulturae</i> , 2012, 138, 81-89.	3.6	10
24	Antioxidant responses to water deficit by droughtâ€tolerant and â€sensitive sugarcane varieties. <i>Annals of Applied Biology</i> , 2012, 161, 313-324.	2.5	145
25	Differential regulation of barley (<i>Hordeum distichon</i>) HVA1 and SRG6 transcript accumulation during the induction of soil and leaf water deficit. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 2069-2078.	2.1	22
26	Humic acids of vermicompost as an ecological pathway to increase resistance of rice seedlings to water stress. <i>African Journal of Biotechnology</i> , 2012, 11, .	0.6	14
27	Analysis of Natural Variation in Bermudagrass (<i>Cynodon dactylon</i>) Reveals Physiological Responses Underlying Drought Tolerance. <i>PLoS ONE</i> , 2012, 7, e53422.	2.5	92
28	Influence of rootstock on drought response in young â€Galaâ€™ apple (<i>Malus domestica</i>) Tj ETQq1 1 0,784314,rgBT /Over	3.5	28
29	Influence of rootstock on antioxidant system in leaves and roots of young apple trees in response to drought stress. <i>Plant Growth Regulation</i> , 2012, 67, 247-256.	3.4	38
30	Exogenous H2O2 in Phytoplasma-Infected Potato Plants Promotes Antioxidant Activity and Tuber Production Under Drought Conditions. <i>American Journal of Potato Research</i> , 2012, 89, 53-62.	0.9	9
31	Different antioxidant defense responses to salt stress during germination and vegetative stages of endemic halophyte <i>Gypsophila ob lanceolata</i> Bark.. <i>Environmental and Experimental Botany</i> , 2012, 77, 63-76.	4.2	108
32	Analysis of the nuclear proteome of the resurrection plant <i>Xerophyta viscosa</i> in response to dehydration stress using iTRAQ with 2DLC and tandem mass spectrometry. <i>Journal of Proteomics</i> , 2012, 75, 2361-2374.	2.4	42
33	Differential Responses of Antioxidative Defence System to Longâ€Term Field Drought in Wheat (<i>Triticum aestivum</i> L.) Genotypes Differing in Drought Tolerance. <i>Journal of Agronomy and Crop Science</i> , 2012, 198, 185-195.	3.5	59
34	Exogenous cinnamic acid regulates antioxidant enzyme activity and reduces lipid peroxidation in drought-stressed cucumber leaves. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 641-655.	2.1	51
35	Physiological Evaluation of Drought Stress Tolerance and Recovery in Cauliflower (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 T Regulation, 2012, 31, 113-123.	5.1	112
36	Isohydic and anisohydic strategies of wheat genotypes under osmotic stress: Biosynthesis and function of ABA in stress responses. <i>Journal of Plant Physiology</i> , 2013, 170, 1389-1399.	3.5	58

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37	5-Aminolevulinic acid enhances photosynthetic gas exchange, chlorophyll fluorescence and antioxidant system in oilseed rape under drought stress. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2747-2759.	2.1	86
38	Antioxidant enzymatic activities and gene expression associated with heat tolerance in a cool-season perennial grass species. <i>Environmental and Experimental Botany</i> , 2013, 87, 159-166.	4.2	38
39	Ferulic acid pretreatment enhances dehydration-stress tolerance of cucumber seedlings. <i>Biologia Plantarum</i> , 2013, 57, 711-717.	1.9	48
41	Antioxidative responses to seasonal changes and chemiluminescence assay of <i>Astragalus onobrychis</i> leaves extract. <i>Open Chemistry</i> , 2013, 11, 123-132.	1.9	2
42	Zinc Modulates Drought-Induced Biochemical Damages in Tea [<i>Camellia sinensis</i> (L) O Kuntze]. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6660-6670.	5.2	46
43	Association of candidate genes with drought tolerance traits in diverse perennial ryegrass accessions. <i>Journal of Experimental Botany</i> , 2013, 64, 1537-1551.	4.8	83
44	Extreme climatic events: impacts of drought and high temperature on physiological processes in agronomically important plants. <i>Frontiers in Environmental Science</i> , 2014, 2, .	3.3	104
45	Effects of Heat Acclimation on Photosynthesis, Antioxidant Enzyme Activities, and Gene Expression in Orchardgrass under Heat Stress. <i>Molecules</i> , 2014, 19, 13564-13576.	3.8	34
46	Genome polymorphism markers and stress genes expression for identifying turf species. <i>African Journal of Biotechnology</i> , 2014, 13, 2394-2399.	0.6	0
47	Alternation of antioxidative enzyme gene expression in rice seedlings exposed to methylene blue. <i>Environmental Science and Pollution Research</i> , 2014, 21, 14014-14022.	5.3	16
48	Putrescine enhances chilling tolerance of tomato (<i>Lycopersicon esculentum</i> Mill.) through modulating antioxidant systems. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 3013-3027.	2.1	34
49	Physiological and biochemical changes of common bermudagrass (<i>Cynodon dactylon</i> [L.] Pers.) under combined salinity and deficit irrigation stresses. <i>South African Journal of Botany</i> , 2014, 92, 83-88.	2.5	33
50	Exogenous nitric oxide alleviates oxidative damage in turfgrasses under drought stress. <i>South African Journal of Botany</i> , 2014, 92, 78-82.	2.5	43
51	Differential responses to drought stress in leaves and roots of wild jujube, <i>Ziziphus lotus</i> . <i>Acta Physiologiae Plantarum</i> , 2014, 36, 945-953.	2.1	13
52	The changes induced in the physiological, biochemical and anatomical characteristics of <i>Vicia faba</i> by the exogenous application of proline under seawater stress. <i>South African Journal of Botany</i> , 2014, 93, 54-63.	2.5	101
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54	Reactive oxygen species scavenging capacities of cotton (<i>Gossypium hirsutum</i>) cultivars under combined drought and heat induced oxidative stress. <i>Environmental and Experimental Botany</i> , 2014, 99, 141-149.	4.2	135
55	Osmolyte accumulation, antioxidant enzyme activities and gene expression patterns in leaves of orchardgrass during drought stress and recovery. <i>Grassland Science</i> , 2014, 60, 131-141.	1.1	3

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57	Role of Glutathione in Abiotic Stress Tolerance. , 2014, , 149-181.		9
58	Effects of Perchlorate Stress on Growth and Physiological Characteristics of Rice (<i>Oryza sativa</i> L.) Seedlings. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	8
59	Antioxidant enzyme activities and gene expression patterns in peanut nodules during a drought and rehydration cycle. <i>Functional Plant Biology</i> , 2014, 41, 704.	2.1	27
60	Responses of the antioxidant defense system to drought stress in the leaves of <i>Fargesia denudata</i> seedlings, the staple food of the giant panda. <i>Russian Journal of Plant Physiology</i> , 2014, 61, 374-383.	1.1	14
61	Glutathione-induced drought stress tolerance in mung bean: coordinated roles of the antioxidant defence and methylglyoxal detoxification systems. <i>AoB PLANTS</i> , 2015, 7, plv069.	2.3	149
62	Redox homeostasis via gene families of ascorbate-glutathione pathway. <i>Frontiers in Environmental Science</i> , 2015, 3, .	3.3	107
63	De novo assembly of the Japanese lawngrass (<i>Zoysia japonica</i> Steud.) root transcriptome and identification of candidate unigenes related to early responses under salt stress. <i>Frontiers in Plant Science</i> , 2015, 6, 610.	3.6	33
64	Ascorbic acid mitigation of water stress-inhibition of root growth in association with oxidative defense in tall fescue (<i>Festuca arundinacea</i> Schreb.). <i>Frontiers in Plant Science</i> , 2015, 6, 807.	3.6	48
65	Physiological characteristics, antioxidant enzyme activities, and gene expression in 2 spring canola (<i>Brassica napus</i> L.) cultivars under drought stress conditions. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 413-420.	2.1	21
66	Proteome response of wild wheat relative <i>Kengyilia thoroldiana</i> to drought stress. <i>Canadian Journal of Plant Science</i> , 2015, 95, 237-249.	0.9	6
67	Growth responses of two tall fescue cultivars to Pb stress and their metal accumulation characteristics. <i>Ecotoxicology</i> , 2015, 24, 563-572.	2.4	30
68	Involvement of nitrate reductase in the ameliorating effect of 5-aminolevulinic acid on NaCl-stressed barley seedlings. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	14
69	Physiological changes and differential gene expression of tea plant under dehydration and rehydration conditions. <i>Scientia Horticulturae</i> , 2015, 184, 129-141.	3.6	46
70	Gas-exchange response of almond genotypes to water stress. <i>Photosynthetica</i> , 2015, 53, 29-34.	1.7	64
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73	Exogenous glycinebetaine alleviates the detrimental effect of Cd stress on perennial ryegrass. <i>Ecotoxicology</i> , 2015, 24, 1330-1340.	2.4	55

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74	Anti-oxidative potential of boiling soluble antioxidant enzymes in Amelioration of drought-induced oxidative stress in tolerant and sensitive cultivars of <i>Triticum aestivum</i> . <i>Journal of Crop Science and Biotechnology</i> , 2015, 18, 103-122.	1.5	5
75	Biochemical and physiological responses of <i>Brassica napus</i> plants to humic acid under water stress. <i>Russian Journal of Plant Physiology</i> , 2015, 62, 480-486.	1.1	26
76	Protective effect of spermidine on salt stress induced oxidative damage in two Kentucky bluegrass (<i>Poa pratensis</i> L.) cultivars. <i>Ecotoxicology and Environmental Safety</i> , 2015, 117, 96-106.	6.0	100
77	Tolerance mechanisms of <i>Leymus chinensis</i> to salt and alkaline stress. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 723-734.	0.6	4
78	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
79	Physiological and Biochemical Responses in Two Ornamental Shrubs to Drought Stress. <i>Frontiers in Plant Science</i> , 2016, 7, 645.	3.6	92
80	Exogenous Melatonin Suppresses Dark-Induced Leaf Senescence by Activating the Superoxide Dismutase-Catalase Antioxidant Pathway and Down-Regulating Chlorophyll Degradation in Excised Leaves of Perennial Ryegrass (<i>Lolium perenne</i> L.). <i>Frontiers in Plant Science</i> , 2016, 7, 1500.	3.6	83
81	Physiological targets of salicylic acid on <i>Artemisia aucheri</i> BOISS as a medicinal and aromatic plant grown under in vitro drought stress. , 2016, 57, 39.		11
82	Effects of exogenous nitric oxide on growth, proline accumulation and antioxidant capacity in <i>Cakile maritima</i> seedlings subjected to water deficit stress. <i>Functional Plant Biology</i> , 2016, 43, 939.	2.1	21
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84	Label-free quantitative proteomic analysis of tolerance to drought in <i>Pisum sativum</i> . <i>Proteomics</i> , 2016, 16, 2776-2787.	2.2	12
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86	Specific peroxidases differentiate <i>Brachypodium distachyon</i> accessions and are associated with drought tolerance traits. <i>Annals of Botany</i> , 2016, 118, 259-270.	2.9	8
87	Differential physiological and antioxidative responses to drought stress and recovery among four contrasting <i>Argania spinosa</i> ecotypes. <i>Journal of Plant Interactions</i> , 2016, 11, 30-40.	2.1	35
88	Enhancing cytokinin synthesis by overexpressing <i>ipt</i> alleviated drought inhibition of root growth through activating ROS-scavenging systems in <i>Agrostis stolonifera</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 1979-1992.	4.8	137
89	Osmotic stress induces severe decrease in cation exchange capacity and surface groups of medium acidity in roots of cereal plants. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	5
90	Leaf gas exchange and multiple enzymatic and non-enzymatic antioxidant strategies related to drought tolerance in two oil palm hybrids. <i>Trees - Structure and Function</i> , 2016, 30, 203-214.	1.9	31
91	Screening different crested wheatgrass (<i>Agropyron cristatum</i> (L.) Gaertner.) accessions for drought stress tolerance. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 769-780.	2.6	17

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92	Arbuscular Mycorrhizal Fungus Alleviates Chilling Stress by Boosting Redox Poise and Antioxidant Potential of Tomato Seedlings. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 109-120.	5.1	30
93	Adjustments in CAM and enzymatic scavenging of H ₂ O ₂ in juvenile plants of the epiphytic bromeliad <i>Guzmania monostachia</i> as affected by drought and rewatering. <i>Plant Physiology and Biochemistry</i> , 2017, 113, 32-39.	5.8	21
94	Mitigating the adverse effects of drought stress on the morpho-physiological traits and anti-oxidative enzyme activities of <i>Prunus avium</i> through L ² -amino butyric acid drenching. <i>Scientia Horticulturae</i> , 2017, 218, 156-163.	3.6	31
95	MicroRNA156 improves drought stress tolerance in alfalfa (<i>Medicago sativa</i>) by silencing SPL13. <i>Plant Science</i> , 2017, 258, 122-136.	3.6	178
96	The role of nickel (Ni) and drought in serpentine adaptation: contrasting effects of Ni on osmoprotectants and oxidative stress markers in the serpentine endemic, <i>Cleome heratensis</i> , and the related non-serpentinophyte, <i>Cleome foliolosa</i> . <i>Plant and Soil</i> , 2017, 417, 183-195.	3.7	10
97	5-Aminolevulinic acid modulates antioxidant defense systems and mitigates drought-induced damage in Kentucky bluegrass seedlings. <i>Protoplasma</i> , 2017, 254, 2083-2094.	2.1	32
98	Responses of pomegranate cultivars to severe water stress and recovery: changes on antioxidant enzyme activities, gene expression patterns and water stress responsive metabolites. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 321-330.	3.1	19
99	Oil palm drought inducible DREB1 induced expression of DRE/CRT- and non-DRE/CRT-containing genes in lowland transgenic tomato under cold and PEG treatments. <i>Plant Physiology and Biochemistry</i> , 2017, 112, 129-151.	5.8	26
100	Differential Physiological Responses and Genetic Variations in Fine Fescue Species for Heat and Drought Stress. <i>Journal of the American Society for Horticultural Science</i> , 2017, 142, 367-375.	1.0	12
101	Exogenous ascorbic acid mitigates flood stress damages of <i>Vigna angularis</i> . <i>Applied Biological Chemistry</i> , 2017, 60, 603-614.	1.9	36
102	Nutrition and biochemical responses of chickpea (<i>Cicer Arietinum</i> L.) to vermicompost fertilizer and water deficit stress. <i>Journal of Plant Nutrition</i> , 2017, 40, 2259-2268.	1.9	20
103	Grapevine immune signaling network in response to drought stress as revealed by transcriptomic analysis. <i>Plant Physiology and Biochemistry</i> , 2017, 121, 187-195.	5.8	56
104	Physiological and proteomic analyses of the drought stress response in <i>Amygdalus Mira</i> (Koehne) YÄ¼ et Lu roots. <i>BMC Plant Biology</i> , 2017, 17, 53.	3.6	111
105	Molecular and physiological responses of Iranian Perennial ryegrass as affected by Trinexapac ethyl, Paclobutrazol and Abscisic acid under drought stress. <i>Plant Physiology and Biochemistry</i> , 2017, 111, 129-143.	5.8	79
106	Abiotic Stress Responses and Microbe-Mediated Mitigation in Plants: The Omics Strategies. <i>Frontiers in Plant Science</i> , 2017, 8, 172.	3.6	574
107	Effects of <i>Rhizophagus irregularis</i> on Photosynthesis and Antioxidative Enzymatic System in <i>Robinia pseudoacacia</i> L. under Drought Stress. <i>Frontiers in Plant Science</i> , 2017, 8, 183.	3.6	91
108	Differential Responses of Polyamines and Antioxidants to Drought in a Centipede grass Mutant in Comparison to Its Wild Type Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 792.	3.6	32
109	Seaweed Extracts Enhance Salam Turfgrass Performance during Prolonged Irrigation Intervals and Saline Shock. <i>Frontiers in Plant Science</i> , 2017, 8, 830.	3.6	88

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110	Drought stress revealed physiological, biochemical and gene-expressional variations in "Yoshihime" peach (<i>Prunus Persica</i> L) cultivar. Journal of Plant Interactions, 2018, 13, 83-90.	2.1	75
111	Time-Course Studies on Accumulation of Hydrophilic Antioxidants to Different Stress Regimes Followed by Recovery in Contrasting Cultivars of Wheat. Russian Journal of Plant Physiology, 2018, 65, 84-97.	1.1	1
112	Linking gene regulation, physiology, and plant biomass allocation in <i>Andropogon gerardii</i> in response to drought. Plant Ecology, 2018, 219, 1-15.	1.6	14
113	Overexpression of <i>Chrysanthemum lavandulifolium</i> ClCBF1 in <i>Chrysanthemum morifolium</i> "White Snow" improves the level of salinity and drought tolerance. Plant Physiology and Biochemistry, 2018, 124, 50-58.	5.8	25
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115	Influences of the arbuscular mycorrhizal fungus <i>Glomus mosseae</i> on morphophysiological traits and biochemical compounds of common bean (<i>Phaseolus vulgaris</i>) under drought stress. South African Journal of Plant and Soil, 2018, 35, 121-127.	1.1	13
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117	Evaluation of photosynthesis, physiological, and biochemical responses of chickpea (<i>Cicer arietinum</i>) Tj ETQq1 1 0.784314 rgBT /Over Agriculture, 2018, 17, 2426-2437.	3.5	52
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119	Tolerance strategies revealed in tree peony (<i>Paeonia suffruticosa</i> ; Paeoniaceae) ecotypes differentially adapted to desiccation. Applications in Plant Sciences, 2018, 6, e01191.	2.1	13
120	Physiological responses of lavender (<i>Lavandula angustifolia</i> Mill.) to water deficit and recovery. South African Journal of Botany, 2018, 119, 212-218.	2.5	5
121	Seed Antioxidants Interplay with Drought Stress Tolerance Indices in Chilli (<i>Capsicum annum</i>) Tj ETQq1 1 0.784314 rgBT /Over Agriculture, 2018, 17, 2426-2437.	1.9	36
122	Cotton Late Embryogenesis Abundant (LEA2) Genes Promote Root Growth and Confer Drought Stress Tolerance in Transgenic <i>Arabidopsis thaliana</i> . G3: Genes, Genomes, Genetics, 2018, 8, 2781-2803.	1.8	51
123	Co-inoculation of maize with <i>Azospirillum brasilense</i> and <i>Rhizobium tropici</i> as a strategy to mitigate salinity stress. Functional Plant Biology, 2018, 45, 328.	2.1	105
124	Reactive oxygen species, antioxidant enzyme activity, and gene expression patterns in a pair of nearly isogenic lines of nicosulfuron-exposed waxy maize (<i>Zea mays</i> L.). Environmental Science and Pollution Research, 2018, 25, 19012-19027.	5.3	13
125	Drought negates growth stimulation due to root herbivory in pasture grasses. Oecologia, 2018, 188, 777-789.	2.0	3
126	Boiling Soluble Proteins Involved in Drought Stress Adaptation of Embryos and Endosperm of Wheat Cultivars. Russian Agricultural Sciences, 2019, 45, 236-242.	0.2	2
127	Growth and Physiological Responses of Temperate Pasture Species to Consecutive Heat and Drought Stresses. Plants, 2019, 8, 227.	3.5	20

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128	Fructan and antioxidant metabolisms in plants of <i>Lolium perenne</i> under drought are modulated by exogenous nitric oxide. <i>Plant Physiology and Biochemistry</i> , 2019, 145, 205-215.	5.8	22
129	Plant biotransformation of T2 and HT2 toxin in cultured organs of <i>Triticum durum</i> Desf. <i>Scientific Reports</i> , 2019, 9, 14320.	3.3	11
130	Effect of drought acclimation on oxidative stress and transcript expression in wheat (<i>Triticum</i>) <i>Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50</i>	2.1	35
131	Genome-wide identification of the glutathione transferase superfamily in the model organism <i>Brachypodium distachyon</i> . <i>Functional Plant Biology</i> , 2019, 46, 1049.	2.1	6
132	Impacts of abiotic stresses on the physiology and metabolism of cool-season grasses: A review. <i>Food and Energy Security</i> , 2019, 8, e00152.	4.3	25
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134	Effects of clonal integration on photochemical activity and growth performance of stoloniferous herb <i>Centella asiatica</i> suffering from heterogeneous water availability. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 256, 36-42.	1.2	10
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