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Oxidative stress, antioxidants and stress tolerance

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1227	The effect of zinc on the growth and physiological and biochemical parameters in seedlings of <i>Eruca sativa</i> (L.) (Rocket). 2010 , 32, 469-476	39
1226	The investigation on accumulation levels of proline and stress parameters of the maize (<i>Zea mays</i> L.) plants under salt and water stress. 2010 , 32, 541-549	18
1225	Seedlings growth and antioxidative enzymes activities in leaves under heavy metal stress differ between two desert plants: a perennial (<i>Peganum harmala</i>) and an annual (<i>Halogeton glomeratus</i>) grass. 2010 , 32, 583-590	32
1224	Responses of the antioxidative enzymes in Malaysian rice (<i>Oryza sativa</i> L.) cultivars under submergence condition. 2010 , 32, 739-747	42
1223	Hydrogen sulfide protects soybean seedlings against drought-induced oxidative stress. 2010 , 32, 849-857	113
1222	Modifications of antioxidant activity and protein composition of bean leaf due to Bean yellow mosaic virus infection and salicylic acid treatments. 2010 , 32, 891-904	49
1221	Comparative evaluation of hydro-, chemo-, and hormonal-priming methods for imparting salt and PEG stress tolerance in Indian mustard (<i>Brassica juncea</i> L.). 2010 , 32, 1135-1144	49
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1216	Elesclomol, counteracted by Akt survival signaling, enhances the apoptotic effect of chemotherapy drugs in breast cancer cells. 2010 , 121, 311-21	20

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1208	Different growth and physiological responses to experimental warming of two dominant plant species <i>Elymus nutans</i> and <i>Potentilla anserina</i> in an alpine meadow of the eastern Tibetan Plateau. 2010 , 48, 437-445	28
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1194	Plant growth and responses of antioxidants of <i>Chenopodium album</i> to long-term NaCl and KCl stress. 2010 , 60, 115-125	22
1193	Heat shock protein 70 regulates the abscisic acid-induced antioxidant response of maize to combined drought and heat stress. 2010 , 60, 225-235	93
1192	Photoinhibition-induced reduction in photosynthesis is alleviated by abscisic acid, cytokinin and brassinosteroid in detached tomato leaves. 2010 , 60, 175-182	34
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1173	Moderate salinity enhances the antioxidative response in the halophyte <i>Hordeum maritimum</i> L. under potassium deficiency. 2010 , 69, 129-136	33
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1164	Proteomics of extreme freezing tolerance in Siberian spruce (<i>Picea obovata</i>). 2010 , 73, 965-75	43
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1162	Proteomic and activity profiles of ascorbate-glutathione cycle enzymes in germinating barley embryo. 2010 , 71, 1650-6	19

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1155	Antioxidant activity of devil's claw cell biomass and its active constituents. 2010 , 121, 967-972	27
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1138	H ₂ O ₂ in plant peroxisomes: an in vivo analysis uncovers a Ca(2+)-dependent scavenging system. 2010 , 62, 760-72	180
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1135	Salicylate-induced modification of plant proteomes (review). 2010 , 46, 241-252	13
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214	The simultaneous activity of cytosolic and mitochondrial antioxidant mechanisms in neutralizing the effect of drought stress in soybean.	0
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- 151 Bacterial derived biopolymer to alleviate nutrient stress and yield enhancement in turmeric (*Curcuma longa* L.) by mediating physiology and rhizosphere microbes on poor soils of semi-arid tropics. 1-18 ○
- 150 Techniques to stop spread and removal of resistance from wastewater. **2023**, 101-130 ○
- 149 Deadly acceleration in dehydration of *Eucalyptus viminalis* leaves coincides with high-order vein cavitation. ○
- 148 Ethylene and cellular redox management in plants. **2023**, 141-170 ○
- 147 Nitric Oxide Is Essential to Keep the Postharvest Quality of Fruits and Vegetables. **2023**, 9, 135 ○
- 146 Characterization and Expression Analysis of Four Cadmium-Tolerance-Associated Genes of *Avicennia marina* (Forsk.). **2023**, 12, 216 ○
- 145 Halophytes: a potential source of antioxidants. **2023**, 185-196 ○
- 144 Overexpression of an Antioxidant Enzyme APX1 in *cpr5* Mutant Restores its Pleiotropic Growth Phenotype. **2023**, 12, 301 ○
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- 142 Genome-Wide Identification and Characterization of Aldo-Keto Reductase (AKR) Gene Family in Response to Abiotic Stresses in *Solanum lycopersicum*. **2023**, 24, 1272 ○
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- 134 Implementation of Biopolymeric Nanomaterials to Reduce the Negative Impacts of Salinity on Tomato Quantity and Quality. **2023**, 28, 1594 ○
- 133 Indole-3-acetic acid, a hormone potentially involved in chilling-induced seed browning of pepper (*Capsicum annuum* L.) fruit during cold storage. **2023**, 199, 112299 ○
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- 127 Modification of Sugar Profile and Ripening in Atemoya (*Annona latemoya* Mabb.) Fruits through Copper Hydroxide Application. **2023**, 12, 768 ○
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76	Inhibitory action of ginkgolic acid against pathogenic fungi and characterisation of its inhibitory activities on <i>Nigrospora oryzae</i> . 2023 ,	0
75	Effect of gibberellic acid on photosynthesis and oxidative stress response in maize under weak light conditions. 14,	0
74	Phenylpropanoid biosynthetic gene expression in cell suspension culture of <i>Haplophyllum virgatum</i> Spach. under chitin treatment. 2023 , 59, 49-60	0
73	Exogenous melatonin (MT) enhances salt tolerance of okra (<i>Abelmoschus esculentus</i> L.) plants by regulating proline, photosynthesis, ion homeostasis and ROS pathways.	0
72	Salinity stress improves antioxidant potential by modulating physio-biochemical responses in <i>Moringa oleifera</i> Lam.. 2023 , 13,	3
71	Assessment of Efficacy and Mechanism of Resistance to Soil-Applied PPO Inhibitors in <i>Amaranthus palmeri</i> . 2023 , 13, 592	0
70	Microbial Alleviation of Abiotic and Biotic Stresses in Rice. 2023 , 243-268	0
69	Proteomic Variability and Nutrient-Related Proteins across Pigmented and Non-Pigmented Rice Grains. 2023 , 3, 63-77	0
68	In vitro physio and biochemical characterization of salt tolerance in rice (<i>Oryza sativa</i> L.) genotypes.	0
67	Physiological, biochemical and molecular responses associated with drought tolerance in grafted grapevine. 2023 , 23,	0
66	Exogenous Salicylic Acid Improves Growth and Physiological Status of Two <i>Pistacia</i> Species Under Salinity Stress.	0
65	Omega-Class Glutathione Transferases Protect DNA from Oxidative Stress in Pathogenic Helminth Reproductive Cells. 2023 , 12, 560	0
64	The Promotive Effect of Putrescine on Growth, Biochemical Constituents, and Yield of Wheat (<i>Triticum aestivum</i> L.) Plants under Water Stress. 2023 , 13, 587	0

- 63 The changes in fatty acid profile during senescence and methyl jasmonate-induced senescence of *Ginkgo biloba* leaves. **2023**, 22, 95-106 ○
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- 55 Evaluation of alternative substrates for hydroponics based on biological parameters of leaf lettuce (*Lactuca sativa* L.) and its stress response. **2023**, ○
- 54 Oxidative Stress Triggered Damage to Cellular Biomolecules. **2023**, 45-59 ○
- 53 Biochemical Mechanism Unlocking Their Potential Role in Salt Tolerance Mechanism of *Zizyphus* Germplasm. **2023**, 92, 1539-1553 ○
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- 51 Effect of Thallium(I) on Growth, Nutrient Absorption, Photosynthetic Pigments, and Antioxidant Response of *Dittrichia* Plants. **2023**, 12, 678 ○
- 50 Comparative study on plant growth-promoting bacterial inoculation by irrigation and spraying for promoting *Bidens pilosa* L. phytoremediation of cadmium-contaminated soil. **2023**, 254, 114764 ○
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- 48 TaBAS1 encoding a typical 2-Cys peroxiredoxin enhances salt tolerance in wheat. 14, ○
- 47 Response of Maize Hybrids Seedlings to Salinity Stress with Oxidative Defense System on Polyacrylamide Gel. **2021**, 13, 107-115 ○
- 46 Banding Patterns Activity of Antioxidant Enzymes and Physiological Indices in the Maize (*Zea mays* L.) Genotypes under Water Deficit Stress. **2022**, 14, 64-75 ○

- 45 Response of Some Physiological Traits in Maize Cultivars to Salinity Stress. **2021**, 13, 173-180 ○
- 44 Comparative toxicity of fresh and expired butachlor to earthworms *Eisenia fetida* in natural soil: Biomarker responses. **2023**, 5, 108-119 ○
- 43 Genome-Wide Identification of Superoxide Dismutase and Expression in Response to Fruit Development and Biological Stress in *Akebia trifoliata*: A Bioinformatics Study. **2023**, 12, 726 ○
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- 38 Mitochondria-Chloroplast Cross Talk: A Possible Role for Calcium and Reactive Oxygen Species?. **2023**, 5, 39-46 ○
- 37 Fungal Endophytes Enhance Wheat and Tomato Drought Tolerance in Terms of Plant Growth and Biochemical Parameters. **2023**, 9, 384 ○
- 36 The MdmiR156n Regulates Drought Tolerance and Flavonoid Synthesis in Apple Calli and Arabidopsis. **2023**, 24, 6049 ○
- 35 Glutathione and Proline Attenuates Injury Induced by Boron Toxicity in Wheat. 371-379 ○
- 34 Photoprotective Effects of *Dendrobium nobile* Lindl. Polysaccharides against UVB-Induced Oxidative Stress and Apoptosis in HaCaT Cells. **2023**, 24, 6120 ○
- 33 Biochemical Response of Okra (*Abelmoschus esculentus* L.) to Selenium (Se) under Drought Stress. **2023**, 15, 5694 ○
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- 27 Intracellular trehalose modulates oxidative responses and dehydrin gene expression in *Arabidopsis thaliana* (L.) Heynh during dehydration. ○
- 26 Seed Priming with Glutamic-Acid-Functionalized Iron Nanoparticles Modulating Response of *Vigna radiata* (L.) R. Wilczek (Mung Bean) to Induce Osmotic Stress. **2023**, 14, 736 ○
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- 23 The Effect of Cadmium Tolerant Plant Growth Promoting Rhizobacteria on Plant Growth Promotion and Phytoremediation: A Review. **2023**, 80, ○
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- 17 Critical Role of Regrowth Conditions in Post-Cryopreservation of In Vitro Plant Germplasm. **2023**, 12, 542 ○
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- 10 Microplastics leachate may play a more important role than microplastics in inhibiting microalga *Chlorella vulgaris* growth at cellular and molecular levels. **2023**, 328, 121643 ○

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